

OSU Internal Fee Book 2022

Oregon State University

University-Wide

General University Fees

2780: Publications, Pamphlets, Booklets, CDs, Videos, DVDs, etc.

Publications such as books, pamphlets, and information packets will be charged at a consistent list price available through the particular department (e.g. OSU Press, Ag and Extension Communications). Promotional Items or advertising in student publications may be sold to internal customers at cost and external customers at market value. Shipping and handling will be added as applicable.

Amount: varies depending on product **Index:** ZNOPAY **Activity Code:** **Updated:** 1/1/2022 by Charlotte Rooks

2779: Conferences, Workshops, Short Courses, & Seminars

Given the wide array of services provided for our guests/students under this category, the fee is dependent on the number of guests/students attending/participating and the type of services required by the group. Usually, this fee is a per person rate. Some services provided include budget development, on-site event management, online registration, web site development, marketing, name tags, program binders, meals, refreshments, and speakers.

Amount: varies depending on workshop **Index:** ZNOPAY **Activity Code:** **Updated:** 1/1/2022 by Charlotte Rooks

9626: Event Tickets

The OSU Theater, Intercollegiate Athletics, ASOSU organizations, and other entities at OSU may sell tickets to various university events. The price of the tickets will be determined by the market price, or out of pocket costs for the individual event.

Amount: varies depending on event **Index:** ZNOPAY **Activity Code:** **Updated:** 1/1/2022 by Charlotte Rooks

9627: Sales of Residual Products from Research or Instructional Projects

Oregon State University is Land-grant research university. Many of the research or instructional projects result in production of products which are excess of those needed by the university for on-going research and are, therefore, available for sale. These products will be sold at the current prevailing market price. Examples of these products are: wheat and other grains, fruit, potatoes, other vegetables, sheep, eggs, and milk.

Amount: varies by product sold **Index:** ZNOPAY **Activity Code:** **Updated:** 1/1/2022 by Charlotte Rooks

OSU Cascades Branch Campus

Community Relations and Admin

Services

16038: Professional Service Fee

Internal hourly rate for consulting or working on client projects related to Diversity, Equity and Inclusion.

Amount: \$129.00/hour **Index:** LCB222 **Activity Code:** **Updated:** 6/3/2022 by Kira Lueck

Conferences/Hospitality Services

Conference Services

15566: Conference Services Management Fees

The fees are charged based on the level of services provided for each group and discussed with customer before service is provided. This could include making arrangements with external vendors, individual registrations, etc. Labor costs = \$79/hour – Academic/Professional; \$37/hour – Classified; and \$14/hour – Student. Any supplies or materials required will be billed at cost.

Amount: \$14.00 - \$79.00/Hour **Index:** LCH180 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

15047: Residential Conference and Scholar Housing and Dining Package Rates

Residential conference and scholar housing and dining package rates.

Amount: \$3.00 - \$139.00/person/night **Index:** LCH180 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

15323: Special Room Rental

Room rental charges for special indoor and outdoor spaces located on OSU-Cascades campus. Various accommodations available. Rate will be based upon hourly charge for set-up and take-down that includes removing or moving of existing furniture, cleaning, set-up/takedown of any special furniture, etc.

Amount: \$14.00 - \$79.00/Hour **Index:** LCH180 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

15313: Bed Linen Package for Conference Services

Rentals of linen packages for conference services guests that stay in our residence hall. \$12/package includes a pillowcase, pillow, one blanket, set of sheets and two towels. Additional items can be requested at vendor rental and laundering fee rates, plus additional staff time to accommodate the request. Additional fees could be for bed-making, upgraded blanket, additional pillows and other associated upgrades.

Amount: \$12.00 - \$35.00/Package **Index:** LCH180 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

Housing & Dining Services

Catering Fees

Applicability: The catering cost of various elements change depending on the needs and desires of each customer. Estimates are routinely provided during the initial discussion with each client prior to the commencement of any event. Usual and customary fee ranges are included here. Order placed within 72 hours of event is charged an additional \$20 or 10% of total bill whichever is greater. Cancellation fees: 24 hours or less prior to event - 100% of total bill; 1 to 3 days prior to event - 75% of total bill; 4 to 7 days prior to event - 50% of total bill; 8 to 30 days prior to event - may be charged for any special products that were acquired for the event. Further detail can be obtained from the OSU-Cascades Catering or at the following website: <https://osucascades.edu/dining/catering>. Catering delivery cost will be added to the bill as follows: for 1-20 people - \$15, 21-50 people - \$30 and 50+ people - \$50.

14905: Food and Beverage Menu Pricing

This fee covers the amount charged to customer for catered events, food & beverage, alcohol service, & care/gift packages. All items are priced either a la carte or per person depending on the item selected. A 50% deposit may be required at the time the order is placed.

Amount: \$1.00 - \$125.00/each or per person **Index:** LCH210 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

14910: Extended Labor Charges - Internal

Catering fee for having required or optional attendants present at events to include manager, supervisor, chef, food/beverage attendants or other staff above and beyond normal services provided. Assist. Director of Dining & Auxiliary - \$79, Student - \$14.

Amount: \$14.00 - \$79.00/hour **Index:** LCH210 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

Residence Halls

14917: Labor

Covers labor costs associated with, but not limited to, carpet cleaning, event set-up/take down, check-in/out assistance, elevator/escalator repair, maintenance, property repair, custodial, moving furniture, and other special needs. Facilities: Fee for hourly work by our facilities or housing team(s): Facilities Director - \$97, Trades Maintenance Coordinator - \$61, Custodial Operations Supervisor - \$62, Custodian - \$39. Director of Res Ed & Housing - \$72, Residential Education Coordinator - \$45

Amount: \$45.00 - \$97.00/hour **Index:** LCH110 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

Transportation & Parking Services

Transportation

14944: Vehicle Rental Rates

OSU-Cascades provides fleet services to the university. These services include short term rental vehicles, vehicle leasing, fueling, detailing, maintenance and repair services. Fees will vary based on multiple factors. All services and applicable rates can be accessed through the OSU-Cascades website at <http://osucascades.edu/transportation-services/osu-cascades-vehicles>.

Amount: \$15.00 - \$630.00/day or month **Index:** LCB174 **Activity Code:** **Updated:** 4/15/2022 by Kira Lueck

Agricultural Experiment Stations

Central Oregon Exp Station

Land Use

Purpose: The fee is to cover the expenses incurred including irrigation water, labor to irrigate, tractor usage and labor for maintaining the plot by COARC Bio-technicians.

16286: General Land Use

Fee is based on one (1) acre/per year, billable by 1/4 acre. Includes minor maintenance (labor costs) and actual acreage rental costs. Any additional labor, supplies, and equipment deemed necessary by the land manager or requested by the land user will be billed separately.

Amount: \$500.00/Acre **Index:** AGS528 **Activity Code:** **Updated:** 6/13/2022 by April Cummings

Seed Production

Purpose: cover cost for land, labor, equipment, irrigation, harvest and processing charges.

14413: General Field Experiment

Fee is per experiment based on 1 acre used and is billable by 1/4 acre. Fee includes experimental design and execution, treatment application and evaluation, data collection and analyses, and a summary report for one treatment and four replications. Costs for necessary control treatments, seeds and special chemicals will be billed at cost. Additional labor and equipment use will be charged as separate fees. (Estimates of additional costs will be given before services are started.)

Amount: \$2,514.00/Experiment **Index:** AGS528 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

14414: General Greenhouse Experiments

Fee includes experimental design and execution, treatment application and evaluation, data collection and analyses, and a summary report for one treatment and four replications. Direct costs for seeds and special chemicals will be billed at actual cost. Additional fees will be assessed for labor when additional treatments are needed.

Amount: \$1,462.00/Experiment **Index:** AGS528 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

14415: General Lab Experiment

Fee includes experimental design and execution, treatment application and evaluation, data collection and analyses, and a summary report for one treatment and four replications. Direct costs for seeds and special chemicals will be billed at actual cost. Additional fees will be assessed for labor when additional treatments or replications are needed.

Amount: \$1,141.00/Experiment **Index:** ACT501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

14416: Pathogen Identification via PCR

Fee to cover DNA extraction and PCR for plant pathogen identification. Fee includes labor and materials for testing and identification of one isolate.

Amount: \$62.00/Test **Index:** ACT501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

14465: Other Equipment Use

Fee to cover labor for cleaning and maintenance of equipment. Fee is per day. Does not include tractor use or operator expenses.

Amount: \$59.00/Day **Index:** AGS528 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

14468: Tractor Use Fee

Fee for tractor use. Fee is per day and includes labor for cleaning and maintenance of tractor. Fee does not include operator labor or fuel. Fuel will be billed at cost.

Amount: \$62.00/Day **Index:** AGS528 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

14480: General Soil Test

Fee for soil testing, minimum charge is \$13 for simple test and more complex tests will be charged based on \$.98 per minute of technician's time and a dollar more for supplies.

Amount: \$13.00 - \$238.00/Test **Index:** ACT501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

15717: PH Test

Fee for PH testing

Amount: \$13.00/Test **Index:** ACT501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16061: Vehicle use

This fees is for the use of a station vehicle. The fee is charged per mile.

Amount: \$0.51/Mile **Index:** AGS528 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16160: COAREC Labor

This fee is for one hour of COAREC employee labor. Specific rates are: Bio Science Technician \$41/hr, Farm Manager \$61/hr, Researcher \$120/hr, FRA \$56/hr, Post Doc. \$54/hr and student worker \$15/hr.

Amount: \$15.00 - \$120.00/Hour **Index:** AGS528 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

Columbia Basin Exp Station**Farm Services****10492: Research Field Lab Fee**

Fee covers services provided to users of tillable acres at the Columbia Basin Ag Research Center in Pendleton. Covers all costs associated with the use of research plots including labor, equipment, chemicals, fuel, supplies, and seed.

Amount: \$600.00/acre/year **Index:** AGS647 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

12006: Greenhouse use

This fee is for the use of one table in a climate controlled greenhouse at the CBARC Station for one month.

Amount: \$147.00/table/month **Index:** AGS647 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

14703: CN Testing

Combustion analysis for Nitrogen plus Carbon on soil.

Amount: \$12.00/Sample **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

14704: NO3_Nitrogen plus NH4_Nitrogen

Segmented flow analysis to analyze for Nitrate N plus Ammonium N on plant tissue or soil.

Amount: \$13.00/sample **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

14705: Orthophosphate segmented flow analysis

Test to analyze the Orthophosphate on plant material or soil matter.

Amount: \$9.00/sample **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

14706: pH or Electrical Conductivity

This test analyzes the acidity (pH) and the electrical conductivity of soil.

Amount: \$9.00/sample **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

15416: Rental one bedroom apartment

Monthly rental for fully furnished one bedroom apartment with a private entrance to it's 2nd floor location. Washer and dryer available for use nearby.

Amount: \$380.00/month **Index:** AGS112 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

15751: Barn Use

This fee is for the use of barn space at CBARC (building 704). The fee is for one section of the barn for one month. Fee includes access to the space, and basic maintenance of the space.

Amount: \$200.00/section/month **Index:** AGS647 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

15924: NIR machine

This fee is for one hour of use of the NIR machine.

Amount: \$26.00/hour **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

16006: Drill use

This fee is for one hour of use of the CBARC drill

Amount: \$35.00/hour **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

16007: Plot Combine

This fee is for one hour's use of the Plot Combine.

Amount: \$175.00/hour **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

16008: Tractor use

This fee is for one hour's use of the tractor at CBARC.

Amount: \$185.00/Hour **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

16013: CBARC Labor Services

This fee is for one hour of a CBARC Employee's time. Specific rates are as follows: Bio Tech Researcher \$33/hr, FRA \$54/hr, Farm/Shop worker \$61/hr, Senior FRA \$62/hr, and Senior Researcher \$123/hr.

Amount: \$33.00 - \$123.00/Hour **Index:** ACB501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

16191: Trailer Rental

Daily rental rate for station trailers, includes inspection and hook up.

Amount: \$64.00/Day **Index:** AGS647 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

COMES - Astoria

OSU Seafood Laboratory Fee Schedule

9302: Use of Pilot Plant

Use of the Seafood Pilot Plant without paying for labor to help with projects. Includes use of food processing equipment such as grinder, bowl chopper, hand-held injector, block freezer, and cutting tables. (Any additional labor for help with projects will be billed at published rates)

Amount: \$400.00/Day **Index:** ASF155 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

11175: Undergraduate Student Support

Provide undergraduate student support for requested project assistance.

Amount: \$18.00/Hour **Index:** ASF052 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

11202: Canning

Use of Astoria canning equipment to produce canned product. (does not include labor) \$5/can (plain) or \$6/can (smoked) with a \$300 minimum per cooking cycle.

Amount: \$5.00 - \$6.00/can **Index:** ASF052 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

11262: Technician/Staff/Project Manager/Senior Specialist Support

Provide technician/staff/Project Manager or senior specialist support for requested project assistance.

Amount: \$80.00/hour **Index:** ASF052 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

11266: Seafood Lab Evaluation Fee

Seafood Lab Evaluation fee to be based upon the nature of testing occurring and will be agreed upon prior to commencement of testing. The base fee is \$30. Additional labor will be charged at published rates.

Amount: \$30.00/sample **Index:** ASF052 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

11278: Controlled Temperature Rooms use

Use of Cold Room Storage. \$.30 per pound is on a per month rental basis.

Amount: \$0.30/pound **Index:** ASF052 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

11279: Freezer Storage use

Use of the Astoria facility Freezer space. The \$.30 per pound cost is on a month by month basis.

Amount: \$0.30/pound/month basis **Index:** ASF052 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

14632: Seafood Lab Utilization Fee

Seafood Lab Utilization Fee will be based on the nature of the lab use.

Amount: \$20.00/hour **Index:** ASF155 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

14869: Vehicle Use Fee

Use of station vehicles for internal use. (COMES-Astoria)

Amount: \$0.32/mile **Index:** AGS719 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

COMES - Newport

Testing Fees

9338: DNA Extraction/DNA Sequencing/Microsatellites

DNA Extraction-Sequencing involves DNA extraction from tissue prep work, amplification (500-1,000 base pairs) sequencing reaction and preparation for insertion and scoring in the Applied Biosystems 3730 DNA Analyzer. Microsatellite analysis (based on a 96 well tray) involves DNA extraction from tissue prep work, amplification of 10 microsatellite loci, and preparation for insertion and scoring in the Applied Biosystems 3730 DNA Analyzer. Fee cost is \$63 per sample. There is also a \$50 per run setup charge.

Amount: \$63.00/sample **Index:** ASF051 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

10723: ABI 3730 DNA Analyzer Run

Applied Biosystems 3730xl DNA Analyzer run for either DNA sequencing, microsatellites or amplified fragment length polymorphisms (AFLPs), assuming all prep work and reagents provided.

Amount: \$50.00/1 to 96 samples **Index:** ASF051 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

10766: Ancient DNA

Extraction of DNA from historic sample. \$50 set-up per single sample plus \$51 an hour labor cost to achieve extraction and confirmation of DNA.

Amount: \$51.00/hour **Index:** ASF051 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15913: Microplastic Characterization

Environmental chemical analysis to identify the chemical properties of a potential plastic item using the NiColet iS20 system and FTIR microscope.

Amount: \$40.00/sample **Index:** ASF501 **Activity Code:** ATIR **Updated:** 4/5/2022 by Dee Kennedy

10790: Single Nucleotide Polymorphisms (SNPs)

Single Nucleotide Polymorphisms (SNPs) involves DNA extraction from tissue prep work, amplification of 96 SNPs (developed assay only), for insertion and scoring in a Fluidigm Epil. Fluidigm Epil fees are based on a 96 well tray or 1-96 samples. An additional \$50 run charge is assessed for the Fluidigm annual maintenance costs.

Amount: \$703.00/Sample **Index:** ASF051 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15325: Biogenochronological sample preparation

Preparation of animal hard parts (otolith, statolith, shell, bone) for structural and chemical analysis. Includes personnel time to adequately prepare sample, which includes collection of digital imagery, cleaning, embedding, mounting, polishing, and remounting samples.

Amount: \$50.00/hour **Index:** ASF501 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15327: GT-Seq 75 bh

GT-Seq involves DNA extraction and genotyping of hundreds to thousands of individuals at a panel of single nucleotide polymorphisms (SNPs) The fee will be charged as follows: 94 samples, \$5,837, 376 samples \$9,772, 752 samples \$12,181, 1128 samples \$14,590, 1504 samples \$16,999, 1880 samples \$19,408.

Amount: \$5,837.00 - \$19,408.00/Samples **Index:** ASF003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15330: Genetic sex identification

Genetic sex identification involves DNA extraction and amplification at one genetic marker to determine sex.

Amount: \$880.00/94 samples **Index:** ASF003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15539: Microsatellite genotyping

Microsatellite genotyping involves DNA extraction, amplification at 13 microsatellite loci, and processing on the Applied Biosystem 3730XL DNA Analyzer. The fee will be charged as follows; 94 samples \$3,050, 376 samples \$8,607.

Amount: \$3,050.00 - \$8,607.00/samples **Index:** ASF003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15686: DNA Sequencing

DNA sequencing involves DNA extraction, PCR amplification and sequencing reaction of one locus (up to 1,000 base pairs), processing on the Applied Biosystem 3730XL DNA Analyzer, and quality checking of sequence calls for 94 samples.

Amount: \$4,243.00/94 samples **Index:** ASF003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

16103: Faculty and Graduate Student Support

Provide Faculty and Graduate Student support for requested assistance. Assistant Professor - \$85/hr, Associate Professor - \$102/hr, Full Professor - \$142/hr, and Graduate Student - \$58/hr.

Amount: \$58.00 - \$142.00/hour **Index:** ASF501 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

16141: GT-SEQ 100ph

GT-Seq involves DNA extraction and genotyping of hundreds to thousands of individuals at a panel of single nucleotide polymorphisms (SNPs) The fee will be charged as follows: 94 samples, \$6,040, 376 samples \$9,975, 752 samples \$12,384 1128 samples \$14,793, 1504 samples \$17,202, 1880 samples \$19,611.

Amount: \$6,040.00 - \$19,611.00/samples **Index:** ASF003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

16200: Sea Legend boat rental

This fee is for the rental of a 22' Arimis Sea Legend boat with a 150 Mercury Etech. This vessel has room for up to 8 people and is equipped with radar, plotters, and 2 sounders. The vessel is trailer-able. The rental rate is \$65 per day plus \$75 per hour of engine operation. An operator and/or additional crew are available at the rates shown on fee 16103. Prior to renting the vessel for the first time, the operator will have to complete MOTC, or comparable training and boat-specific training at a cost of \$150.

Amount: \$65.00 - \$75.00/day/hour **Index:** ASF501 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

Eastern Oregon ARC

Biological Services

425: Neutral Detergent Fiber (NDF)

Lab supplies labor. Also applies to index AEU501 and AEB402.

Amount: \$5.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10054: Dry Matter

Customer supplies labor. Also applies to AEB501

Amount: \$2.00/sample **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

435: Dry Matter

Lab supplies labor. Also applies to AEU501.

Amount: \$3.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10037: Plasma Urea

Customer Supplies the Labor. Also applies to index AEU501

Amount: \$5.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

440: Plasma Urea

Lab supplies labor. Also applies to AEU501.

Amount: \$10.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10039: Organic Matter

Customer supplies labor. Also applies to index AEU501.

Amount: \$2.00/Sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

449: Organic Matter

Lab supplies labor. Also applies to index AEU501.

Amount: \$3.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

451: Feed/Forage Proximate Analyses

Feed/forage proximate analyses for soil analysis, nitrogen/crude protein, In-vitro dry matter digestibility or Indigestible acid detergent fiber.

Amount: \$10.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

9946: Laboratory Fee-Soil Analysis

Customer Supplies Labor. Total Carbon/Nitrogen

Amount: \$5.00/Sample **Index:** AEB501 **Activity Code:** ARFG **Updated:** 4/11/2022 by April Cummings

9947: Laboratory Fee-Neutral Detergent Fiber (NDF)

Customer supplies labor. Also applies to index AEU501.

Amount: \$2.50/Sample **Index:** AEB501 **Activity Code:** ADWB **Updated:** 4/11/2022 by April Cummings

9949: Laboratory Fee-Acid Detergent Fiber (ADF)

Customer supplies labor. Acid Detergent Fiber (ADF). External fee charge to Index AEU501.

Amount: \$2.50/Sample **Index:** AEB501 **Activity Code:** ADWB **Updated:** 4/11/2022 by April Cummings

9950: Laboratory Fee-Acid Detergent Fiber (ADF)

Lab supplies labor. Also applies to index AEU501.

Amount: \$5.00/Sample **Index:** AEB501 **Activity Code:** ADWB **Updated:** 4/11/2022 by April Cummings

9953: Laboratory Fees

Laboratory fees to test nitrogen/crude protein or in-vitro dry matter digest.

Amount: \$5.00/Sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12062: Circulating bovine glucose, urea nitrogen, haptoglobin, or ceruloplasmin

The provided service utilizes a colorimetric-based immune assay for detection of glucose (mg/dL), urea nitrogen (mg/dL), haptoglobin (ng/mL), or ceruloplasmin (mg/dL) in a given bovine plasma or serum sample. This procedure generates a final value based on a set of control standards with known content. Minimum of 50 samples.

Amount: \$6.00/metabolite/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12072: Circulating Bovine IGF-I

The provided service utilizes an enzyme-linked immune assay for detection of IGF-I (insulin like growth factor I) in a given bovine plasma or serum sample. This procedure generates a final value (ng/mL) based on a set of control standards with known IGF-I content. 50 minimum samples.

Amount: \$9.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12073: Circulating Bovine insulin, cortisol, or progesterone

The provided service utilizes a chemiluminescence-based immune assay for detection of insulin (uIU/mL), cortisol (nb/mL), or progesterone (ng/mL) in a given bovine plasma or serum sample. This procedure generates a final value based on a set of control standards with known content. Minimum of 50 samples.

Amount: \$6.00/metabolite/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12074: Circulating Bovine Non-esterified Fatty Acids

The provided service utilizes a colorimetric-based immune assay for detection of non-esterified fatty acids in a given bovine serum sample. This procedure generates a final value (uEq/L) based on a set of control standards with known non-esterified fatty acids content. Minimum of 50 samples.

Amount: \$4.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12075: Circulating Bovine Beta-hydroxy Butyrate

The provided service utilizes a colorimetric-based immune assay for detection of beta-hydroxy butyrate in a given bovine serum sample. This procedure generates a final value (md/dL) based on a set of control standards with known beta-hydroxy butyrate content. Minimum of 50 samples.

Amount: \$5.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12076: Circulating Bovine Tumor Necrosis-alpha

The provided service utilizes an enzyme-linked immune assay for detection of tumor necrosis-alpha in a given bovine plasma or serum sample. This procedure generates a final value (ng/mL) based on a set of control standards with known tumor necrosis-alpha content. Minimum of 50 samples.

Amount: \$11.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12078: Circulating bovine interleukin-1 or interleukin-6

The provided service utilizes an enzyme linked immune assay for detection of interleukin-1 or interleukin-6 in a given bovine plasma or serum sample. This procedure generates a final value (ng/mL) based on a set of control standards with known interleukin-1 content. Minimum of 50 samples.

Amount: \$11.00/metabolite/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

12079: Circulating bovine interferon-gamma

The provided service utilizes an enzyme-linked immune assay for detection of interferon-gamma in a given bovine plasma or serum sample. This procedure generates a final value (ng/ml) based on a set of control standards with known interferon-gamma content. Minimum of 50 samples.

Amount: \$11.00/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

15409: Senior Researcher

Conducts vegetation monitoring such as herbaceous and shrub density and cover along transects to species or functional group, photo monitoring, production or biomass estimates and other common vegetation sampling methods.

Amount: \$74.00/hour **Index:** AEB402 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

15410: Field Technician

Conducts vegetation monitoring such as herbaceous and shrub density and cover along transects to species or functional group, photo monitoring, production or biomass estimates and other common vegetation sampling methods.

Amount: \$16.00/hour **Index:** AEB402 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

15413: Researcher

Conducts vegetation monitoring such as herbaceous and shrub density and cover along transects to species or functional group, photo monitoring, production or biomass estimates and other common vegetation sampling methods.

Amount: \$48.00/hour **Index:** AEB402 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16132: Vegetation/Habitat Survey Trasect belt or line-intercept

This fee is for a vegetation/habitat survey to evaluate using the transect belt or line-intercept method. This fee is for a 50 meter length of transect

Amount: \$75.00/50 meter length plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16133: Vegetation/habitat line-point intercept method

This fee is for a vegetation/habitat survey using the line-point method. This fee is for a survey of a 50 meter long plot.

Amount: \$100.00/50 metere plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16134: Plot survey trees greater than 12 cm in diameter

This fee is for a survey of trees greater than 12 cm in diameter. The fee is for a .1 hectare plot

Amount: \$100.00/.1 hectare plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16135: Survey for trees smaller than 12 cm in diameter

This fee is for a plot survey of trees less than 12 cm in diameter. The fee is for a .1 hectare size plot

Amount: \$75.00/.1 hectare plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16136: Biomass/Production Assessment Double Sampling

This fee is for a Biomass/Production assessment for standing crops. This fee includes assessment of cover and biomass. The fee is per .1 hectare plot.

Amount: \$85.00/.1 hectare plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16140: EOARC Labor

This fee is for one hour of EOARC employee labor. The specific rates are: Student Worker \$14.25/hr, Bio Science Research Tech \$50/hr, Ranch Hand \$58/hr, Ranch Foreman \$65, Researcher \$98/hr.

Amount: \$14.25 - \$98.00/Hour **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16154: Vegetation/Habitat Survey Quadrat

This fee is for a Vegetation/Habitat survey to evaluate quadrat frequency cover, density, and/or height. The fee is per a 1x1 meter sample plot.

Amount: \$25.00/1x1 meter sample plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16155: Vegetation/habitat survey shrubs

This fee is for a vegetation/habitat of shrubs. The fee is per .1 hectare size plot.

Amount: \$85.00/.1 hectare plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16156: Biomass/Production Assessment - Standing Crop

This fee is for a Biomass/Production assessment for standing crops. The fee is per .1 hectare plot

Amount: \$80.00/.1 hectare plot **Index:** AEU501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16161: Gluathione peroxidase activity or superoxide dismutase activity

The provided service utilizes a colorimetric-based immune assay for detection of GPX activity (nmol/min/m:) or SOD activity (U/mL) in a given bovine plasma, serum, or erythrocyte lysate sample. This procedure generates a final value based on a set of control standards with known content. Minimum of 50 samples.

Amount: \$6.00/Metabolite/sample **Index:** AEB501 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

Food Innovation Center Exp Sta

Facilities, Leased Space

11428: After Hours - Weekend Access

When an approved event meets after normal working hours an OSU employee must be present to lock/unlock and/or turn off the security to allow guests to enter/exit the building and to monitor the front entrance.

Amount: \$96.00/hour **Index:** AFC101 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Services

Purpose: These fees are charged for time to evaluate request, develop plan of work, conduct sampling and any necessary testing or analysis, evaluate information and provide written report or other information as requested.

16183: Labor Services

Fee for one hour of an FIC employee's time: Student \$19, Lab/Media Technician \$38, Sensory Recruiter \$42, Kitchen Chef \$80, Project Manager \$94, Food Technologist \$71, Senior Food Technologist \$80, Senior Specialist \$132, Engineer \$92, and Food Safety Specialist \$111.

Amount: \$19.00 - \$132.00/Hour **Index:** AFC102 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Food Innovation Center

11429: Audio/Video System in Focus Group Room Operator

Technical support for the use of the Audio/Video equipment in conjunction with sensory testing.

Amount: \$185.00/session **Index:** AFC102 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

12071: Labor Services/Students

This is a fee for one hour of a student's time.

Amount: \$18.25/hour **Index:** AFC102 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

16224: Panelist Incentives

Panelist incentive fees are based upon the amount of time projected for the length of the test in minutes. For example, a 60 minute test would be \$60 plus admin fee. Minimum fee is \$27 and maximum is \$432.

Amount: \$27.00 - \$432.00/Panelist **Index:** AFC102 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Hermiston Exp Station

Research Center Plant Pathology Lab Testing Services

Applicability: All samples are individually tested. Leaf samples may be bulk tested for more economical testing of very large numbers of samples.

10883: Soil Fungus Test/Verticillium spp./Colletrotichum coccodes

Culture test used to quantify the level of pathogen in soil. Allow for 4 weeks. Fee is \$30 per sample.

Amount: \$30.00/Sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10884: Soil Fungus Test/Pythium spp.

Culture test used to quantify the level of pathogen in soil. Allow 1 week. The fee is \$20 per sample.

Amount: \$20.00/Sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10885: Soil Fungus Test/Fusarium spp.

Culture test used to quantify the level of pathogen in soil. Allow 2 weeks. The fee is \$20 per sample.

Amount: \$20.00/Sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10886: Soil Fungus Test/Phoma terrestris (Pink Root)

Culture test used to quantify the level of pathogen in soil. Allow 3 weeks. The fee is \$25 per sample.

Amount: \$25.00/Sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10887: Metalaxyl Resistant Pythium Soil & Culture Assay

Culture test used to quantify level of pathogen in a soil or presence in tissue sample. Allow 1 week. The fee is \$25 per sample.

Amount: \$25.00/Sample **Index:** AGS012 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11159: Labor & Equipment 70 hp and Above

Fee to cover hourly labor and use of large tractors over 70 hp for specified research plot work by station personnel using station equipment for planting, nutrient application, and harvest. All station equipment will be operated by station personnel. (1 hour minimum charge)

Amount: \$71.50/hour **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11173: Other Arthropods Identification

This fee is for the identification of arthropods brought in to the station.

Amount: \$35.00/arthropod identified **Index:** AGS012 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11174: Insect identification

This fee is for the identification of insects brought in to the Station.

Amount: \$35.00/insect identified **Index:** AGS012 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11303: General Diagnostic Fee

Lab fee for general diagnostic test on organisms. Includes culture and moist chamber or PCR testing for 1 pathogen, and written report

Amount: \$75.00/organism tested **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11747: Silver Scurf AND Black Dot (both diseases tested)

25 Tubers analyzed for BOTH Silver Scurf and Black Dot. Allow approximately 4 weeks. The fee is \$55 per sample

Amount: \$55.00/sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11748: Alfalfa Verticillium albo-atrum Testing

Culture test for the presence of Verticillium albo-atrum in alfalfa hay being shipped out of the US. Allow 2 weeks. The fee is \$50 per sample.

Amount: \$50.00/sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16144: HAREC Plant Clinic Labor

This fee is for one hour of Plant Clinic Employee's labor. The specific rates are: Student Worker \$15/hour; Research Tech \$56/hour; FRA \$65/hour; and Senior Researcher \$114/hour.

Amount: \$15.00 - \$114.00/Hour **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16159: Insect Testing for Pathogen Detection

DNA extraction from insects (i.e. Psyllids, Leafhoppers, Lygus) and PCR for a specific pathogen (i.e. Zebra Chip pathogen, Phytoplasma, BCTV). The fee is \$30 per sample.

Amount: \$30.00/sample **Index:** AHE003 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16233: HPLC Metabolite Analysis for Plant Samples

Detection and quantification of metabolites present in plant samples by High Pressure Liquid Chromatography (HPLC). Service includes sample extraction and metabolite detection and quantification using an Ultimate 3000 coupled with UV fluorescence, or electrochemical detectors.

Amount: \$111.00/Sample **Index:** AHE003 **Activity Code:** AGSU **Updated:** 5/17/2022 by April Cummings

16237: Agrobacterium Mediated Potato Transformation

Generation of transgenic potato lines using Agrobacterium-mediated transformation. A minimum of 10 independent lines will be produced.

Amount: \$2,007.00/Transformation **Index:** AHE003 **Activity Code:** AGSU **Updated:** 6/1/2022 by April Cummings

Station Rentals**10272: Station Rental House #3**

Monthly rental for 1 person is \$400/month, for 2 people it is \$200, 3 people is \$133 and 4 is \$100. Transient rate is \$50 for the first night and \$15 per night after that.

Amount: \$100.00 - \$400.00/month **Index:** AGS110 **Activity Code:** A763 **Updated:** 4/11/2022 by April Cummings

10309: Tractor Rental

Daily Rental of Tractor at HAREC

Amount: \$53.00/Day **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11226: Potato Sorting Building daily use

Fee to cover the daily use of Potato Sorting Facility at HAREC during potato harvest. This is a 1767 square foot partially automated special use research facility for grading & yielding potatoes.

Amount: \$250.00/day **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11924: Station House Rental #2

This fee is for the monthly rental of a single residence at 2133 S. 1st St. Hermiston, OR. The fee for one person is 630, if two people share it is \$315, if three people share it is \$210. Utilities are the responsibility of the tenants.

Amount: \$210.00 - \$630.00/person **Index:** AGS110 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

Land Use**10538: Equipment & Labor 65 hp and Below**

Hourly fee/charge for labor and equipment for specified plot work by station personnel using station equipment for ground preparation, planting, nutrient application, irrigation, harvest and clean up. All station equipment is operated by station personnel.

Amount: \$50.00/Hour **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10540: Row Crop Research Field Lab Services

This fee is to cover the expenses incurred for plot/field services including ground preparation, fertilizer application, herbicide, pesticide, insecticide, fungicide and other nutrient applications, planting and other services as required to maintain optimal growing conditions for row crops, such as onions, beans, carrots, corn & canola in our area.

Amount: \$1,150.00/Acre/Growing Season **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

10541: Grains/Cereal Field Research Lab Charges

This fee is to cover the expenses incurred for plot/field services including ground preparation, fertilizer application, herbicide, pesticide, insecticide, fungicide and other nutrient applications, planting and other services as required to maintain optimal growing conditions for grains/cereals in our area.

Amount: \$800.00/Acre/Growing Season **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

11225: HAREC labor

This fee is for one hour of HAREC employee's labor. The specific rates are: Student worker \$13/hour; Post Doc. \$43; Research Tech \$48/hour; Farm Labor \$54/hour; FRA \$56/hour; Office staff \$60/hour; Senior Researcher \$99/hour.

Amount: \$13.00 - \$99.00/hour **Index:** AGS715 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

Klamath Basin Res & Ext Ctr**Laboratory Forage Quality Analysis****16290: KBREC Labor Fee**

One hour of a KBREC employee's labor. Senior researcher \$92/hr, Senior Faculty Research Assistant \$60/hr, Post Doc \$43/hr, Farm labor \$48/hr, Bio Science Research Tech \$49/hr, Faculty Research Assistant \$57/hr, and Student Worker \$15/hr. Materials for service will be charged at cost.

Amount: \$15.00 - \$92.00/Hour **Index:** AGS713 **Activity Code:** **Updated:** 6/13/2022 by April Cummings

Malheur Exp Station**Land Use and Station Rentals****15414: Rental Small Dwelling Unit**

Rental fee for a one family residential dwelling unit with three bedrooms and one bath. Electricity is not included in this fee and will be billed separately at actual cost.

Amount: \$795.00/month **Index:** AGS111 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15752: Vehicle use

This fee is for the use of a station owned vehicle at MES. The fee is per mile driven.

Amount: \$0.51/mile **Index:** AGS717 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15923: Research Field Lab Fee

This fee covers basic expenses incurred for ground prep, chemical and fertilizer applications, and irrigation water. (1 acre/year minimum) If additional services are required to prepare land for specific research, such as custom plowing or chemical application, additional labor or equipment use will be charged at the rates published in the fee book and materials will be charged at cost.

Amount: \$1,382.00/acre **Index:** AGS717 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

16004: MES Labor

This fee is for one hour MES Employee's time. The specific rates are: Student worker \$14, Bio Science Tech. \$48, Farm Supervisor \$52, FRA \$72, Researcher \$100, and Senior researcher \$139

Amount: \$18.00 - \$139.00/Hour **Index:** AGS717 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

16005: MES Tractors

This fee is for one hours use of a tractor at MES. The fee includes the tractor operator's time. the fee for the Small tractor is \$66/hour. The fee for the large tractor is \$75/hour

Amount: \$66.00 - \$75.00/Hour **Index:** AGS717 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

16069: Greenhouse use

This fee is the cover the expenses incurred in the operation and maintenance of the MES Greenhouse for one month

Amount: \$500.00/month **Index:** AGS717 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

16070: Large sample dryer

This fee is to run the dryer furnace for one day to dry plant tissue samples.

Amount: \$10.00/day **Index:** AGS717 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Mid-Columbia Exp Station**Land Use****10956: Research Orchard Lab Fee**

Research Orchard Lab Fee covering direct costs related to orchard research projects. Costs cover, but are not limited to, labor, minor equipment, equipment maintenance, pesticides, rentals, etc. Minimum charge is for .25 acre.

Amount: \$3,500.00/Acre/Year **Index:** AGS718 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11341: Greenhouse use

Fee for use of the greenhouse at MCCREC

Amount: \$132.00/month **Index:** AGS718 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Station Rentals

Purpose: Fees include use of lab and equipment in the lab.

Applicability: Use of any materials will be billed at actual cost

10496: Tractor and sprayer with operator

Equipment rental - The fee structure to run a tractor and sprayer for an hour. This fee includes the cost of the operator.

Amount: \$66.00/hour **Index:** AGS718 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11340: Vehicle Use Fee

Use of station vehicles.

Amount: \$0.44/mile **Index:** AGS718 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11426: Cold Storage Usage

Use of cold storage rooms at the station

Amount: \$1.28/sq ft/month **Index:** AGS718 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

12101: Ag Dwelling House

3009 Experiment Station Dr. On-site house rental. \$527 per month or \$18 per night.

Amount: \$527.00/month **Index:** AGS113 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

12102: Ag Dwelling Trailer

3005A Experiment Station Dr. On-site trailer rental. Monthly rental of \$600 or \$300 per room or \$20 per night.

Amount: \$600.00/month **Index:** AGS113 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Services**16143: MCAREC Labor**

This fee is for one hour of a MCAREC employee's labor. The specific rates are: Reacher \$98/hr, Farm manager \$64/hr, FRA \$55/hr, Bio Science Tech \$48/hr, and Student Worker \$13/hr

Amount: \$13.00 - \$98.00/Hour **Index:** AMC501 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

North Willamette Exp Station**Meeting Rooms**

Purpose: These fees help cover the cost of custodial expenses. secretarial services, copies or coffee are not included in the fees.

Applicability: No computerized projection equipment available. Copier not available.

15762: Small conference room

Small conference room is available Monday – Friday 8:00 a.m. to 4:00 p.m. Half day rentals available at \$25.00. Maximum capacity: 14. NWREC will only reserve rooms within 60 days of the event.

Amount: \$50.00/day **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15763: Large Conference Room

Large conference room is available Monday – Friday 8:00 a.m. to 4:00 p.m. Half day rentals available at \$50.00. Maximum capacity: 80-theatre style and 60-classroom style. NWREC will only reserve rooms within 60 days of the event.

Amount: \$100.00/Day **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Land Use**10527: Research Field Lab Fee (Irrigated)**

This fee covers direct research related expenses, such as initial plot preparation (subsoiling, plowing, discing, and chemical treatments), all fuels, repairs and maintenance for station tractors and station-owned equipment, irrigation set-up and water rights. Note: All plots must be returned to original condition by researcher at conclusion of their work.

Amount: \$1,100.00/acre/year **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

10528: Research Field Lab Fee (Basic Service) Cravo GH-PEAK area

This fee covers direct related expenses for the peaked roof area in the Cravo greenhouse. Price varies by size of bay: South Bay is \$700, North Bay is \$500 and Pad Area is \$150.

Amount: \$150.00 - \$700.00/bay/year **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

10531: Research Field Lab Fee - Owen Greenhouse

This fee covers direct research related expenses for a heated and ventilated greenhouse.

Amount: \$10.00/sq. ft/year **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11405: Research Lab Fee Hoop House

This fee is for a one year rental of a Hoop House. The fee includes water and basic maintenance and Irrigation supplies. Specialized irrigation needs and other materials not included. One month minimum. 1/2 hoop house available at \$300 per year.

Amount: \$600.00/One Hoop House/year **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11733: Research Field Lab Fee (Non-Irrigated)

This fee covers direct research related expenses, such as initial plot preparation (subsoiling, plowing, discing, and chemical treatments), all fuels, repairs and maintenance for station tractors and station-owned equipment. No irrigation set-up or water rights are provided. Note: All plots must be returned to original condition by researcher at conclusion of their work.

Amount: \$800.00/acre **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15764: UAV Flight and Filming (Drone)

Qualified pilots fly unmanned aerial vehicle (UAV) at requested location. Onboard sensor capture High-Def visual, multi-spectral, and thermal imagery. Drone flights billed at 1 hour minimum/billed in 30 minute increments after the first hour. All data analysts will be billed at hourly fee book rates. All Supplies and travel expenses will be billed at cost.

Amount: \$50.00/Hour **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15765: Fallow Land

Rate includes working ground and providing cover crop seed. Rate is per acre/billed in half acre minimums.

Amount: \$100.00/acre **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15766: Annual Plot Maintenance

This fee provides seasonal six mowing of plots and up to four maintenance sprays (herbicide, fungicide, pesticide) per fiscal year. Additional spraying to be billed at hourly rate. Programs responsible for purchase of materials. Rate is per acre/billed in 1/2 acre minimums

Amount: \$600.00/acre **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

15770: Supervised Student Labor

Fee for one hour of supervised student labor. This fee is for more complex tasks which require direct manager supervision.

Amount: \$26.00/hour **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

16153: NWREC Labor Fees

This fee is for one hour of NWREC employee's labor. The specific rates are: Bio Tech 2 \$39, EPA 1 \$38, FRA \$64, Coordinator \$63, Research Associate \$40, Senior Researcher \$103, Farm Manager \$58, Farm Operator \$43, Student \$15.75, Grad Student \$67.

Amount: \$15.75 - \$103.00/Hour **Index:** AGS714 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Southern Oregon Exp Station

Research & Extension Center Usage

14459: Equipment & Labor

Hourly fee/charge for labor and equipment for specified field work by station personnel using station equipment for ground preparation, planting, uniform nutrient or pesticide application, irrigation system operation, harvest, related post-harvest processing (including use of drying oven), and clean up. All station equipment is operated by station personnel

Amount: \$76.00/Hour **Index:** AGS716 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

15920: Drying Oven

This fee is for the use of a drying oven. The oven is 4ft wide x 8ft tall x 2ft deep, suitable for drying crop samples, soil samples, etc. Fee is per day. Typically samples require 3-4 days to dry.

Amount: \$3.25/Day **Index:** AGS716 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16001: SOREC Labor

This fee is for one hour of SOREC employee's labor. Individual rates are: Bio Tech \$42, Farm Manager \$53, Post Doc. \$54, FRA \$68, and Senior Researcher \$104.

Amount: \$42.00 - \$104.00/Hour **Index:** AGS716 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16002: Cold Storage Fee

This fee is for conventional cold storage used for temporary storage of vines, fruit trees, and seeds during the planting season and temporary storage of fruit during harvest. The fee is per sq/ft for one week.

Amount: \$0.25/sq.ft./week **Index:** AGS716 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

16003: Seed Cleaning Equipment

This fee is for the rental of the small or mid-size clipper seed cleaner and associated equipment. One hour of training at the "with operator" seed cleaner rate is required prior to use for safety reasons.

Amount: \$16.00/Hour **Index:** AGS716 **Activity Code:** **Updated:** 4/11/2022 by April Cummings

Centers & Institutes - Research

ATAMI (Advanced Technology and Manufacturing Institute)

Advanced Technology and Manufacturing Institute

Applicability: ATAMI provides design, fabrication, and testing services at clients' specifications. Costs for services are based on hourly technical labor and tool rates as shown below, plus the cost of materials and shipping, in accordance with the service order.

9269: Technical Labor

Labor costs of operating tools and assisting with creating processes and testing procedures: Engineer \$88/hr; Trained Student Worker \$18/hr.

Amount: \$18.00 - \$88.00/Hour **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

10567: Unlimited Tool/Shop Usage for Class I, II, III - First User

Monthly unlimited access to Class I, II, III tooling for first research group user not including materials costs.

Amount: \$705.00/Month **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

10568: Unlimited Usage for Class I, II, III Tools - Addtl Users

Monthly unlimited access to Class I, II, III tooling for additional research group users not including materials costs.

Amount: \$218.00/Month **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

10930: Class I Tools

Use of tools such as: Avantes UV-Vis; Branson Welder; Carver press; CM Furnace; Design Studio Tools; Fumes Hoods; Gas Chromatograph; HaaS CNC; Lathe; Metallography Station; Metallography – Pace hot press; Optical Microscopes; Oxygen Plasma Chamber; Vertical mill; ZeScope Profilometer; Four point probe; Ultrasonic baths; Cressington Sputter coater; Downdraft table; Filmetrics thin film measurement, Helium leak checker

Amount: \$25.00/Machine Hours **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

10932: Class II Tools

Use of tools such as: Asymtek Dispense; DSC/TGA with MS; High Speed Video Camera; Instron Mechanical Tester; LPKF Tabletop Micromill; Plasma Etcher; Gas pycnometer; FTIR; AlphaStep D-600 profilometer; Ellipsometer; CM Sintering tube furnace

Amount: \$40.00/Machine Hours **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

10933: Class III Tools

Use of tools such as: ALD system; CamCo Brazing Furnace; LPKF Laser Machining Tool; Jenoptik Nanoimprinter; Rofin Laser Welder/Cutter; AJA Sputter tool with RGA; Vaccum Hot Press; Table top SEM; Veeco ALD system; OAI Aligner tool; nScript Printer; Meltio M450 DED 3D printer; Binder Jet Metal 3D printer

Amount: \$55.00/Machine Hours **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

15802: Class IV Tools

Use of tools such as: 3D Systems ProX300 Metal 3D Printing System (materials costs not included)

Amount: \$112.00/Machine Hours **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

15803: Class IV Tools - First User

Monthly unlimited access to Class IV tooling for first research group user not including materials costs.

Amount: \$1,345.00/Month **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

15804: Class IV Tools - Additional User

Monthly unlimited access to Class IV tooling for each additional user from the same research group not including materials costs.

Amount: \$392.00/Month **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

15879: Prusa 3D Printing

Prusa 3D Printing on FDM printer.

Amount: \$1.50/Hour **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

15889: AttendTap

Device to capture classroom and event attendance

Amount: \$375.00/Unit **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder

15890: ControlTap

Device to control access to equipment

Amount: \$360.00/Unit **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder**15891: HVcontrol**

Device to control access via high voltage relay

Amount: \$130.00/Unit **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder**15892: LVcontrol**

Device to control access via low voltage relay

Amount: \$57.00/Unit **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder**15893: USBcontrol**

Device to control access via USB port

Amount: \$57.00/Unit **Index:** RDR322 **Activity Code:** **Updated:** 2/26/2022 by Alyssa Calder**16076: Building access fee**

One-time building access fee for badging and orientation

Amount: \$85.00/Orientation **Index:** RDR322 **Activity Code:** **Updated:** 6/3/2022 by Alyssa Calder**CIMRS (Coop Inst/Marine Res)****Equipment Rental****11818: Long-term Hydrophone Lease**

Extended lease, currently up to two years, of hydrophone for deployment of digital acoustic monitoring device at requested frequency range.

Amount: \$6,000.00/Use up to 2 years **Index:** RDR382 **Activity Code:** **Updated:** 4/11/2022 by Nichole Havranek**Gas Chromatograph (GC) Analysis****11129: Lipid Analysis of Fatty Acids**

Derivatization of lipid extracts to fatty acid methyl esters. GC-FID analysis of fatty acid methyl esters. Analysis of chromatographs and generation of Excel spreadsheets. Extraction requests are an additional costs. Analysis of a wide variety of marine samples/tissue types, including fish, shellfish, bivalves, phyto/zooplankton.

Amount: \$39.00 - \$62.00/Sample **Index:** RDR382 **Activity Code:** RCM6 **Updated:** 4/11/2022 by Nichole Havranek**11310: Lipid Extraction**

This extraction is a modified Folch technique using chloroform:methanol:water. It is efficiently used to extract the labile lipids from a variety of marine samples such as phytoplankton, zooplankton, shellfish and fish tissues

Amount: \$50.00 - \$74.00/sample **Index:** RDR382 **Activity Code:** **Updated:** 4/11/2022 by Nichole Havranek**11350: Lipid Class Analyses**

The Iatroscan is used to quantify lipid classes by thin-layer chromatography with flame ionization detection. Lipid classes such as triacylglycerols, sterols, and phospholipids can be measured in a wide variety of marine samples.

Amount: \$52.00 - \$94.00/sample **Index:** RDR382 **Activity Code:** **Updated:** 4/11/2022 by Nichole Havranek**Genomics****16194: Genomic Custom Services**

Genomic custom services and lab use fees are used to address individual researcher and visiting collaborator's needs in the area of molecular ecology. The services will include but not be limited to new research and development, consulting on analyses of data, creating new laboratory technologies or modifying existing technologies, and implementing experimental technologies from the literature. The Laboratory will provide up to one hour of free consultation to plan a custom service. A minimum of one hour will be charged thereafter and will be billed in half hour increments. These services are similar but not exact to a bench fee for visiting scholars and researchers who use the lab as collaborators on research projects.

Estimate for labor and lab supplies will be provided to all collaborators. Supplies are charged at cost and detailed billings will include brief description of all lab services and back-up for pricing of supplies. It is \$85 for the first hour and then \$72 per hour for all hours after that.

Amount: \$85.00/hour **Index:** RDR382 **Activity Code:** RCMB **Updated:** 4/11/2022 by Nichole Havranek**Environ Health Sci Ctr****Aquatic Biomedical Models****10508: Aquatic Research Animals**

Aquatic animal life stages (various developmental) for research use. Per animal cost depends upon species and stage of development. Full range detail available at the SARL.

Amount: \$0.05 - \$20.00/animal **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek**10509: Aquatic Research Animal Proprietary Diet**

Aquatic animals diet made at Sinnhuber Aquatic Research Laboratory (SARL). Full range detail available at the SARL.

Amount: \$586.00/Batch **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

11036: Zebrafish Specific Pathogen Free Screening

Screening 20-40 zebrafish adults or clutch of embryos for Pseudoloma infection. Cost reflects one round of screening. Successive rounds may be necessary for certified SPF fish. Rate will be applied based upon the # of fish being screened. \$25 handling fee per shipping box will be added to per round of screening cost.

Amount: \$490.00/round of screening **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

11038: Specified Pathogen Free Zebrafish Adults and Embryos

Charge to supply One pair Specified Pathogen Free Adults or 100 SPF embryos to buyer.

Amount: \$330.00/adult pair or 100 embryos **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/1/2022 by Nichole Havranek

11039: Zebrafish Adult Behavior screening

Computerized video analysis of zebrafish adult motor activity. Grow fish to adulthood, conduct 1 to 3 types of tests, analyze and report data. Fee per test is \$500/each.

Amount: \$500.00/Test **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

11041: In Situ Hybridization

In situ hybridization for one submitted plasmid or PCR DNA probe and our control probe. Includes probe synthesis for DIG labeling, gel analysis, hybridization, and visualization. Cost depends upon the amount of labor required to perform the analysis. The variability arises from differences in required troubleshooting and optimization which is probe specific.

Amount: \$349.00 - \$564.00/probe **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

11042: Immunohistochemistry

Immunohistochemistry for one submitted antibody and one of our control antibodies. Two day protocol including visualization.

Amount: \$311.00/Antibody **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

11043: High Content Imaging

High content imaging and analysis using Molecular Devices Image Express Instrument. Training fee, includes a hands-on 2-hour training session and two independent 2-hour sessions with on-call assistance as needed.

Amount: \$283.00/session **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

14291: Instrument/Equipment Use -

Use of the instrumentation room and the instrument at an hourly rate of \$36. Assisted use of room is \$72 per hour.

Amount: \$36.00 - \$72.00/hour **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

14315: Aquatic

Consultation and support for 1) study planning and implementation use of aquatic research animals and managing adverse events 2) development of grant proposals which include study design, animal subjects considerations, inclusion/exclusion criteria, facilitation of research collaborations, and development of budgets.

Amount: \$112.00/each **Index:** RDR366 **Activity Code:** **Updated:** 3/22/2022 by Nichole Havranek

14578: Aquatic Animals Toxicity Screen/Chemical Exposure

Aquatic animals' exposure to chemicals of interest by various exposure methods. Minimum cost represents 2 plates of 100 animals each. A quantity discount may be given for customers that want more animals (plates) or where exposure route, length of time animals are raised to specified endpoint, and whether summary analysis & report are required. Total cost per customer's request will be discussed prior to service being provided.

Amount: \$1,678.00/100 animals **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

15062: Zebrafish Injection Training

Initial training and technique to inject zebrafish (various life stage)

Amount: \$322.00/training **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/3/2022 by Nichole Havranek

15063: Zebrafish Injection Support

Injections of zebrafish (various life stages), up to 500 embryos per session up to 2 hours cost is dependent on Zebrafish type. Additional cost \$75: additional embryos, up to 500. Additional cost: extra injection time @ 30 min increments, \$50.

Amount: \$435.00/Session **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/13/2022 by Nichole Havranek

15069: Cleaning/Staging Zebrafish Embryos

Cleaning and staging zebrafish embryos (up to 1000) - includes cost of embryos and transport container: Wildtype strains: \$30.00. Transgenic strains \$45.00. Additional cost for every additional 1000, \$10.

Amount: \$30.00 - \$45.00/1000 embryos/strain of fish **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/13/2022 by Nichole Havranek

15070: Microscope Usage

Hourly rate to use microscope. Price varies on technology of microscope: Fluorescent Olympus \$14, Keyence \$70, Laser Dissection \$48, and Andor BC43 \$80. Fee takes into consideration staff time for clean up, calibration and QC of equipment.

Amount: \$14.00 - \$80.00/hour **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/13/2022 by Nichole Havranek

15075: Training of Instruments at SARL

Initial training of instrument prior to assessment of instrument hourly rate. Training cost is on per session and dependent on the type of instrument.

Amount: \$65.00 - \$373.00/Training Instrument Session **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/1/2022 by Nichole Havranek

15077: Zebrafish Husbandry

Provide husbandry and maintenance to zebrafish (includes food, water, tank changes, and maintenance spawning) per tank per month. The density of zebrafish per tank is determined by the SARL staff according to tank size appropriate for the project. Fees range from tank size: Small \$35, Med \$45, Lg \$55.

Amount: \$35.00 - \$55.00/tank **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/2/2022 by Nichole Havranek

15079: Zebrafish Mutant Line Genotyping

Genotyping mutant zebrafish lines to identify homozygous population. Certain mutant line requires more skilled labor than others to identify this population. This fee does not include husbandry and applies to all mutant zebrafish lines, regardless where housed in SARL. Add'l fee of \$960 for line maintenance up to 1 year and/or propagating next generation for \$600.

Amount: \$1,625.00/mutation **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/1/2022 by Nichole Havranek

15088: Zebrafish Injections

Injections of zebrafish (various life stages) up to 500 embryos per session up to 2 hours. Cost is dependent on Zebrafish type. Additional cost \$40: additional embryos, up to 500. Additional cost: extra injection time @ 30 min increments, \$30.

Amount: \$200.00 - \$355.00/session up to 2 hour increment **Index:** RDR366 **Activity Code:** RNPF **Updated:** 4/12/2022 by Nichole Havranek

15090: Staff Support for staging, set up and maintenance of lab.

Staff support associated with staging, set up and maintenance of lab when utilized for projects.

Amount: \$38.00/hour **Index:** RDR366 **Activity Code:** RNPF **Updated:** 6/1/2022 by Nichole Havranek

15951: Preparing and Running qPCR

Fee for staff to prepare and run samples for qPCR on the ABI QuantStudio 5. The price is for up to 384 samples, includes supplies, labor, and instrument use. No template control is included for no extra cost.

Amount: \$3.00 - \$4.00/Sample **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

15952: RNA/DNA Extraction

User of this service will provide sample tissues in appropriate microtubes in RNAzol for extraction. Cost is per sample up to 18 per run. Price includes supplies, reagents, and labor.

Amount: \$7.00 - \$16.00/Sample **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

16015: Quantification of dsDNA

Quantification of dsDNA using BioTek Take3 microplate reader using UV spectrophotometry from samples provided in appropriate microtubes and in water. Price is for 1-8 samples.

Amount: \$9.00/unit of up to 8 samples **Index:** RDR366 **Activity Code:** RNPF **Updated:** 3/22/2022 by Nichole Havranek

Genome Rsrch & Biocomp Ctr

3730 DNA Analysis (Genotyping/Sanger)

11147: 3730 DNA Analysis

Please see website for detail pricing @ <https://cqis.oregonstate.edu/cqis-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$3.50 - \$675.00/Sample/plate/1/2 plate/2 plates **Index:** RDR299 **Activity Code:** RBSQ **Updated:** 4/15/2022 by Bo Price

Bioinformatics/Biocomputing/Custom Services

11478: Bioinformatics/Biocomputing/Custom Services

Please see website for detail pricing @ <https://cqis.oregonstate.edu/cqis-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$5.00 - \$304.00/Hr/wkly per machine/mo per machine **Index:** RDR299 **Activity Code:** RBCP **Updated:** 4/15/2022 by Bo Price

Digital PCR Services

14524: ddPCR

Please see website for detail pricing @ <https://cqis.oregonstate.edu/cqis-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$17.00 - \$160.00/Plate/column **Index:** RDR299 **Activity Code:** RBDD **Updated:** 4/15/2022 by Bo Price

Extraction

14115: Extraction Service (Plant/Fungi, Animal, Soil)

Please see website for detail pricing @ <https://cqis.oregonstate.edu/cqis-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$4.20 - \$913.00/Sample/plate/libr ary/cell **Index:** RDR299 **Activity Code:** RBET **Updated:** 4/15/2022 by Bo Price

Library Prep/QC (Illumina MiSeq, NextSeq)**11412: Library Prep/QC (Illumina MiSeq, NextSeq)**

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$1.70 - \$1,980.00/Sample/set/library
Index: RDR299 **Activity Code:** RB1G **Updated:** 4/15/2022 by Bo Price

Microscopy**9207: Microscopy**

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$30.00 - \$100.00/hour **Index:** RDR299 **Activity Code:** RBCO **Updated:** 4/15/2022 by Bo Price

MiSeq**11802: MiSeq Without Kits**

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$297.00 - \$423.00/run **Index:** RDR299 **Activity Code:** RBMS **Updated:** 4/15/2022 by Bo Price

11961: MiSeq With Illumina Kits

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$603.00 - \$2,028.00/run **Index:** RDR299 **Activity Code:** RBMS **Updated:** 4/15/2022 by Bo Price

PacBio Sequencing**15091: PacBio**

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$382.00 - \$1,600.00/Library/cell/sample
Index: RDR299 **Activity Code:** RBPB **Updated:** 4/15/2022 by Bo Price

Quantitation Services**14373: Quantification Service**

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$2.90 - \$138.00/Sample/plate/sample set
Index: RDR299 **Activity Code:** RB1G **Updated:** 4/15/2022 by Bo Price

Sizing QC (Bioanalyzer, Blue Pippin, TapeStation)**10548: Sizing QC (Bioanalyzer, Blue Pippin, TapeStation)**

Please see website for detail pricing @ <https://cqls.oregonstate.edu/cqls-service-fees>. Additional required materials and/or supplies will be sold to the customer at cost.

Amount: \$16.00 - \$167.00/Chip/lane/tape/sample
Index: RDR299 **Activity Code:** RBTS **Updated:** 4/15/2022 by Bo Price

Hatfield Marine Science Ctr**Business Services Account Rates****15942: Mailing and Shipping Services**

This is a per package fee. Staff completes the packaging, labeling, and shipment of items. All shipping supplies, postage, and special or extra fees/insurances such as dangerous/hazardous shipment for items will be charged at actual cost.

Amount: \$46.00/hour **Index:** RMS001 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15994: Special Assistance Fee - I-Lab Support Staff

Labor fee for personnel in the I-Lab. Assistance occurring off the OSU campus will be charged travel and per diem at cost. All materials needed for project will be provided by the user or billed at cost.

Amount: \$92.00/hour **Index:** RMS002 **Activity Code:** RHIL **Updated:** 6/13/2022 by Dee Kennedy

16293: I-Lab Machine Use Cost

Machine use costs vary by machine due to supply and setup costs from \$.40 to \$5.00.

Amount: \$0.40 - \$5.00/hour **Index:** RMS002 **Activity Code:** RHIL **Updated:** 6/14/2022 by Dee Kennedy

Education

11264: Lost Key Fee

Charged to a person, group of people or organization when a HMSC building key is lost. It is a per key fee.
 Minimum Fee Process: HMSC staff notified of lost key & key can be replaced from current supply; supply replenished later. Staff completes HMSC paperwork, issues new key from current supply - staff time estimated to complete process=15 minutes. Staff rate for .25 hour is \$11.00, plus estimated freight and rekey charges of \$21 to Advanced Locking Solutions, for minimum lost key fee of \$32.00.
 Mid Fee Process: If replacement key must be ordered, staff notifies Advanced Locking Solutions, sends key blank via UPS, new key received by UPS and key issued - staff time estimated to complete process=1 hour Staff rate for 1 hour rate is \$41, plus estimated freight and rekey charge of \$21 to Advanced Locking Solutions, for mid range lost key fee of \$65.00.
 Maximum Fee Process: HMSC staff notified of lost key to Director's Office or Business center which requires lock coring and rekeying of 1-7 locks. Staff completes HMSC paperwork, orders new lock cores from Advanced Locking Solutions, HMSC Trades to install locks, HMSC staff person issues new keys. Staff rate for 1 hour office plus 1 hour trades time is \$102, plus estimated freight and rekey charges of \$21 to Advanced Locking Solutions, plus new core lock charge from Advanced Locking Solutions estimated at \$38.76 for each lock core needed. Maximum lost key fee for seven (7) new core locks is \$394.00.

Amount: \$32.00 - \$394.00/Lost Key/based on process needed
Index: RMS275
Activity Code:
Updated: 4/5/2022 by Dee Kennedy

11311: Classroom/Lab/Field Trip Assistant Fee

This fee is established to pay for an assistant's hourly salary costs regarding HMSC's Academic Program Manager project needs throughout the year. Hourly rate varies depending on assistant's ECLS status. Hourly salary rate will vary depending upon the assistant's employment status, and includes base pay and OPE. Currently, that assistant could be a Student, GRA/GTA, FRA,RA(PD), SFRA, Assistant/Associate Professor, or a Professor. The hourly rate will be computed as follows: Student=\$10/hr; GRA/GTA= \$30/hr; FRA=\$48/hr; RA (PD)=\$48/hr; SFRA=\$56/hr; Asst/Associate Professor=\$77/hr; Professor=\$92/hr. Hourly rate for the Assistant Fee will be disclosed prior to the commencement of the activity requiring a classroom, lab, or field trip assistant.

Amount: \$10.00 - \$92.00/Hour
Index: RMS002
Activity Code:
Updated: 4/5/2022 by Dee Kennedy

HMSC Support

16212: HMSC Assistant Fees

Hourly rates for assistants at various position levels for work completed at HMSC. Student=\$16/hr; GRA/GTA=\$57/hr; RA=\$65/hr; SFRA=\$76/hr; Instructor=\$84/hr; Mgr of Ops/Res Prog Mgr=\$85/hr;Asst Professor=\$106/hr; Assoc Professor=\$113/hr; Professor=\$142/hr; Asst Director=\$104/hr; Director=212/hr; IT=\$56/hr; Clerical/Event Coordinator=\$46/hr; Facilities=\$51/hr; Custodial=\$40/hr. Hourly rate for the assistant fee will be disclosed prior to the start of the activity that is requiring one.

Amount: \$16.00 - \$212.00/hour
Index: RMS001
Activity Code:
Updated: 4/5/2022 by Dee Kennedy

Housing

Applicability: Housing is only available to OUS/HMSC Associated Agencies and personnel, with priority given to students.

2210: Housing

HMSC Housing rates. See <https://hmsc.oregonstate.edu/housing-costs>
 Linens at cost - estimated at \$40
 Lost or Damaged Item costs at replacement cost plus labor
 Reservation Deposit - \$50
 Late Cancellation Fee - one month rent

Amount: \$22.00 - \$1,250.00/person/night or person/month
Index: RMS014
Activity Code:
Updated: 5/31/2022 by Dee Kennedy

9559: RV Site Use

Restricted use by approval only.

Amount: \$30.00/day or \$400/month
Index: RMS014
Activity Code:
Updated: 4/5/2022 by Dee Kennedy

15989: Outstanding Payment

Charged to a person, group of people, or organization when an HMSC payment is outstanding. It is a per outstanding payment fee. Process includes time spent for staff to complete paperwork and deliver or have mailed. The postage fee will be at cost to the customer. Staff time estimated to complete process is 20 minutes. Staff rate for 20 minutes is \$15.00.

Amount: \$46.00/hour **Index:** RMS014 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

16250: HMSC Housing Labor Rates

Hourly rates for HMSC housing personnel.
 Operations Manager = \$84/hour, Housing Coordinator = \$46/hour, Facilities = \$51/hour, Custodial = \$40/hour, and Resident Advisor = \$16/hour.
 Hourly rate will be disclosed prior to the start of the activity that is requiring one.
Amount: \$16.00 - \$84.00/hour **Index:** RMS014 **Activity Code:** **Updated:** 6/1/2022 by Dee Kennedy

Institute Natural Resources

Institute Natural Resources

16249: Staff Time -Oregon Explorer Maintenance

Updating and maintaining existing Oregon Explorer tools, landing pages, and features. This can include updating the software for specific Oregon Explorer tools, updating the back-end databases and fixing technical glitches. Additional cost for travel will be added to hourly amount. Any materials or software used in production will be charged at cost.
Amount: \$96.00/hour **Index:** RNR010 **Activity Code:** ROEX **Updated:** 6/1/2022 by Nichole Havranek

16282: Staff Time -Oregon Explorer Basic Map Viewer Creation

A basic map viewer would include an out-of-the-box software configuration, viewing of up to 15 map layers or services, and logo.
Amount: \$3,231.00/project **Index:** RNR010 **Activity Code:** ROEX **Updated:** 6/13/2022 by Nichole Havranek

16283: Staff Time -Oregon Explorer Landing Page Creation

Oregon Explorer Landing Page Creation.
Amount: \$3,987.00/project **Index:** RNR010 **Activity Code:** ROEX **Updated:** 6/13/2022 by Nichole Havranek

Interdepartmental Mass Spec

Mass Spectrometry

3253: Mass Spectrometry: MS Data Generation (Instrument plus technician time)

Time for the special project/analysis per request -1/2 hour minimum charge. Supplies will be charged separately.
Amount: \$150.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14675: Mass Spectrometry: Instrument Time (ONLY)

Minimum charge 1/2 hours. Supplies will be charged separately.
Amount: \$40.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14676: Mass Spectrometry: Technician Time with Supplies

Minimum charge 1/2 hour. Technician Time with Supplies.
Amount: \$110.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14679: Mass Spectrometry: Method Development (Instrument plus technician time)

Minimum charge 1/2 hour. Estimated 50% running & 50% waiting per hour. Supplies will be charged separately.
Amount: \$55.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

15169: Primary Data Processing & Analysis

To cover the technician time and instrument time for the primary data processing & analysis per request. (Supplies will be charged separately).
Amount: \$110.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

15174: Special Project/Analysis Service

To cover the technician time and instrument time for the special project/analysis per request. Minimum charge 1/2 hour.
Amount: \$149.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

15572: Mass Spectrometry Method Development (Instrument Time ONLY)

Minimum charge 1/2 hour. Estimated 50% running & 50% waiting per hour. Supplies will be charged separately.
Amount: \$20.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

15573: Mass Spectrometry: Director Time

To cover the director time and instrument time for the special project/analysis per request. Minimum charge 1/2 hour. Supplies will be charged separately.
Amount: \$60.00/hour **Index:** RDR371 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

Interdeptl Electron Microscopy

Electron Microscopy**4734: Quantum 600 Instrument Usage**

Instrument beam time only for the Quantum 600 (operated by approved users only).

Amount: \$63.00/hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

4737: Conductive Coating SEM: Sputter, Gold coating

Cost for conductive coating SEM: Sputter, Gold coating. Grid Box/Polishing Films

Amount: \$10.00/use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

4739: Life Science Sample Preparation (by EM Staff): Critical Point Dryer

To cover labor and material cost for sample preparation - Critical Point Dryer.

Amount: \$40.00/use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

4741: Life Science Sample Preparation (by EM staff): Fixation/Dehydration

To cover labor and material cost for sample preparation - Fixation/Dehydration. 6 samples at a minimum.

Amount: \$26.00/six samples **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

10098: No Show Cancellation

Cancellation charges for reservations made for use of the Transmission and Scanning electron microscopes. Fee is charged if not canceled 24 hours prior to reserved time.

Amount: \$35.00/each hour reserved **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

10573: Staff/Operator

Staff rate on all EM instruments (additive to beam time) including Data Analysis, Technical Report preparation, and others.

Amount: \$75.00/hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

11443: Optical Microscope (Fluorescence)

To cover the maintenance and part replacement cost of fluorescence lamp.

Amount: \$15.00/use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

11444: Life Science Sample Preparations (by user with own knife): Microtome

To cover material cost for sample preparation and staff cost to setup and maintain equipment between usage- Microtome.

Amount: \$25.00/use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

11445: Life Science Sample Preparations (by user): Critical Point Dryer

To cover material cost for sample preparation - Critical Point Dryer.

Amount: \$10.00/use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

11446: Life Science Sample Preparations (by user): Fixation/Dehydration

To cover material cost for sample preparation - Fixation/Dehydration.

Amount: \$10.00/use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

11760: TEM Titan Instrument Usage

TEM instrument beam time only (TEM instruments are operated by approved users only. EM staff rate may apply with assistance in addition to instrument beam time for maintaining of equipment.)

Amount: \$108.00/hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

12028: Dual Beam Ion Beam milling or lithography surcharge

Surcharge for the use of the Ion Beam cutting tool to be utilized with the Helios and/or Quanta 3D.

Amount: \$34.00/hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14394: Vibratory Polisher

The Vibratory Polisher puts a mirror like finish on a sample and does it through very little deformation leaving the true crystal structure intact.

Amount: \$63.00/Use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14442: High Speed Diamond Saw

The Precision Diamond Saw has a micrometer control and a lower speed diamond blade for very precise sectioning and higher quality surface finish.

Amount: \$26.25/Use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14443: Pelco EasiGlow

EasiGlow cleans the grid and modifies the surface so that water can easily spread over the surface.

Amount: \$15.00/Use **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

14444: Helios 650

Helios 650 internal rate

Amount: \$91.00/Hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

15164: Ultramicrotome Usage

Ultramicrotome Tool Usage for cutting tissue sections of specimens. Additional charge of \$48.00 for 25L of Liquid Nitrogen when used with tool.

Amount: \$78.00/Use **Index:** RDR387 **Activity Code:** **Updated:** 6/13/2022 by Nichole Havranek

15307: Quanta 3D

FIB SEM on Quanta 3D

Amount: \$82.00/hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

16032: Analysis computers self service stations

EMF has 6 stations setup for analysis of Materials Science samples with a diffraction data base, up to date X ray analysis software, and a backscatter diffraction analysis package so that faculty, staff and students can analyze samples that they receive from other laboratories. Service includes regular paid backups on them every night.

Amount: \$21.00/station/hour **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

16169: Semi automated grinder polisher

Grinder polisher used for preparing mechanical cross section. External version is Fee #14682

Amount: \$25.00/2 hours **Index:** RDR387 **Activity Code:** **Updated:** 3/31/2022 by Nichole Havranek

Lab Animal Resources

Laboratory Animal Resources Center

9668: Camelids (llamas & alpcas)

Per day/ per animal fee.

Amount: \$5.36/Animal/Day **Index:** RDR056 **Activity Code:** RAIL **Updated:** 3/22/2022 by Nichole Havranek

9670: Swine/Dog service fee

Swine/Dog service fee

Amount: \$10.40/Animal/Day **Index:** RDR056 **Activity Code:** RAIL **Updated:** 3/22/2022 by Nichole Havranek

11449: BL2 Containment Unit Lease/Side

Facilities lease only per unit. Unit may be a room, stall, or pen. Charge includes utilities, waste stream incineration, and all other husbandry and animal care costs except food.

Amount: \$45.00/hour/unit/room **Index:** RDR056 **Activity Code:** RAIL **Updated:** 3/22/2022 by Nichole Havranek

11450: BL3 Containment Unit Side Lease/Side

Facilities lease only per unit. There are two units (sides) per building. Charge includes utilities, waste stream incineration, and all other husbandry and animal care costs except food.

Amount: \$76.35/day/side **Index:** RDR056 **Activity Code:** RAIL **Updated:** 3/22/2022 by Nichole Havranek

10115: Professional Services-Veterinarian/Director

Each veterinarian staff (director, Assoc Director, Clinical Veterinarian, veterinary technician) at LARC has their own expertise. If the project requires the Veterinarian-Director's expertise and/or professional opinion/recommendations (special works such as surgery for animals), hourly rate will be charged based on actual time spent to cover the labor cost and OPE.

Amount: \$115.00/hour **Index:** RDR055 **Activity Code:** RLRC **Updated:** 3/22/2022 by Nichole Havranek

10116: Professional Services-Facility Manager/Supervisor

Each veterinarian staff (director, Assoc Director, Facility Manager/Supervisor, Clinical Veterinarian, veterinary technician) at LARC has their own expertise. If the project requires the Clinical Veterinarian/Associate Director's expertise and/or professional opinion/recommendations (special works such as surgery for animals), hourly rate will be charged based on actual time spent to cover the labor cost and OPE.

Amount: \$75.00/hour **Index:** RDR056 **Activity Code:** **Updated:** 3/22/2022 by Nichole Havranek

11131: Mouse, Rats & Hamsters -Ventilated Housing Fee

To cover the cost of cage for mouse, rats, or hamsters that will be in ventilated caging systems.

Amount: \$1.15/cage/day **Index:** RDR055 **Activity Code:** RLRC **Updated:** 4/7/2022 by Nichole Havranek

11418: Hazardous, Infectious, Sterile Surgery, or Quarantine Cage Handling Surcharge

This is an additional surcharge that is added to internal and external fee #'s 11131 and 11331 to cover additional labor, services and supplies required for the separate animal facility. All other standard labor/services/supplies provided are covered by fees 11131 and 11331.

Amount: \$0.33/Day/Cage **Index:** RDR055 **Activity Code:** RLRC **Updated:** 6/1/2022 by Nichole Havranek

11419: BL3 Containment Cage Handling

BL3 Containment Cage Handling

Amount: \$0.48/Day/Cage **Index:** RDR056 **Activity Code:** **Updated:** 3/22/2022 by Nichole Havranek

11438: Processing Fee for Animals for Resale

Labor and supply cost for ordering/tracking/receiving animals for OSU/internal investigators/clients (Animal cost will be charged at cost).

Amount: 20% (percentage) **Index:** RDR056 **Activity Code:** **Updated:** 3/22/2022 by Nichole Havranek

11534: Implementation Holding Fee

A fee for when an investigator temporarily places animals on a holding ACUP, which is usually under the attending Vet's name. The fee is used to cover the cost of tech services and administrative personnel to do paperwork, enter data into a database, keeping track of the per diem cost, completing transfer forms and billing, and making sure the procedures are followed.

Amount: \$17.50/day **Index:** RDR056 **Activity Code:** **Updated:** 3/22/2022 by Nichole Havranek

12084: Technician Services

Hourly rate charged by Technicians in Laboratory Animal Research Center

Amount: \$40.00/hour **Index:** RDR056 **Activity Code:** **Updated:** 3/22/2022 by Nichole Havranek

15331: Chicken service fee per animal/day

Chicken service fee per animal/day for housing, feeding, cleaning and supplies.

Amount: \$4.30/animal/day **Index:** RDR056 **Activity Code:** RAIL **Updated:** 3/22/2022 by Nichole Havranek

Linus Pauling Institute

Analytical Services Lab

15176: LPI Core Lab Equipment Time-Internal

Operation costs for various LPI Analytical Services Core lab equipment calculated and charged per hour.

Amount: \$12.00/Hour **Index:** RDR336 **Activity Code:** RASC **Updated:** 3/18/2022 by Nichole Havranek

15419: Behavioral/Cognitive Testing Time Per Hour

Behavioral/Cognitive testing for mice and human subjects. Service also includes training other OSU personnel to carry out the tests.

Amount: \$156.00/Hourly **Index:** RDR336 **Activity Code:** RASC **Updated:** 3/18/2022 by Nichole Havranek

16080: LPI Mass Spectrometry Core Lab Equipment Time

Costs associated with the operation of LPI's mass spectrometers and maintenance costs.

Amount: \$38.00/hour **Index:** RDR336 **Activity Code:** RASC **Updated:** 3/18/2022 by Nichole Havranek

16105: LPI Mass Spec Technician Time

Lab Technician time to prepare and analyze samples, operate machinery, and analyze output data.

Amount: \$108.00/hour **Index:** RDR336 **Activity Code:** RASC **Updated:** 3/18/2022 by Nichole Havranek

16130: LPI Core Lab Technician Time

Lab Technician time to collect, prepare, and analyze samples, operate machinery, conduct clinical trials, and analyze output data.

Amount: \$80.00/hour **Index:** RDR336 **Activity Code:** RASC **Updated:** 3/18/2022 by Nichole Havranek

Radiation Center

TRIGA Reactor

Purpose: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below. Should a customer request to expedite their order, the additional cost will be determined upon the length of time their irradiation sample set will take. The expedite cost will be 1-7 hours = \$1,155/set, 8-35 hours = \$2,200/set, or 36+ hours = \$3,700/set.

2796: TRIGA Reactor Use 1-7 hours

Incremental hourly charge in addition to TRIGA Reactor Use base fee. Hourly use of any one facility: rotating rack (lazy Susan), pneumatic transfer tube (rabbit), cadmium-lined in-core irradiation tube (CLICIT), in-core irradiation tube (ICIT), g-ring in-core irradiation tube (GRICIT), sample-holding dummy fuel element, beam port, thermal column. Time is rounded up in one-hour increments.

Amount: \$85.00/hour **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

15083: TRIGA Reactor Use base charge

Base fee (hourly charges will be charged in addition to base fee) for routine use of any one in-core facility: rotating rack (lazy Susan), pneumatic transfer tube (rabbit), cadmium-lined in core irradiation tube (CLICIT), in-core irradiation tube (ICIT), g-ring in-core irradiation tube (GRICIT), sample-holding dummy fuel element, beam port, thermal column. Charges include sample loading/unloading, supplies, and waste disposal.

Amount: \$321.00/run **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

15085: TRIGA Reactor Use 8-35 hours

Hourly charge in addition to TRIGA Reactor Use base fee. Hourly use of any one facility: rotating rack (lazy Susan), pneumatic transfer tube (rabbit), cadmium-lined in-core irradiation tube (CLICIT), in-core irradiation tube (ICIT), g-ring in-core irradiation tube (GRICIT), sample-holding dummy fuel element, beam port, thermal column. Time is rounded up in one-hour increments.

Amount: \$62.00/hour **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

15086: TRIGA Reactor Use 36+ hours

Hourly charge in addition to TRIGA Reactor Use base fee. Hourly use of any one facility: rotating rack (lazy Susan), pneumatic transfer tube (rabbit), cadmium-lined in-core irradiation tube (CLICIT), in-core irradiation tube (ICIT), g-ring in-core irradiation tube (GRICIT), sample-holding dummy fuel element, beam port, thermal column. Time is rounded up in one-hour increments.

Amount: \$42.00/hour **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

15321: Fission Track

Routine use of any one facility: rotating rack (lazy susan), pneumatic transfer tube (rabbit), cadmium-lined in-core irradiation tube (CLICIT), in-core irradiation tube (ICIT), g-ring in-core irradiation tube (GRICIT), sample-holding dummy fuel element, beam port, thermal column. Charges include reactor run time, sample loading/unloading, supplies, and waste disposal.

Amount: \$787.00/run **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Neutron Radiography

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

9690: Radiography Beam

Costs for use of radiography facility

Amount: \$20.00/exposure **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Instrumental Neutron Activation Analysis (INAA)

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

2816: Routine INAA

Charges include supplies, sample encapsulation, irradiation, two sets of counts (typically one at 4 to 5 days and one at 3 to 4 weeks), data reduction, report preparation, and waste disposal. A minimum of 5 samples will be charged.

Amount: \$40.00/sample **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Calibration & Repair of Portable Radiological Monitoring Instruments

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

10233: Routine calibration

Calibration and repair of portable radiological monitoring instruments

Amount: \$69.00/unit **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

15328: Routine 2401 Detector Calibration

Calibration & repair of 2401 detector as a part of a radiological detection kit.

Amount: \$35.00/unit **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

15329: Routine Dosimeter Calibration

Calibration & repair of dosimeters as a part of a portable radiological detection kit.

Amount: \$9.00/unit **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Cobalt-60 Gamma Irradiator

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

2840: Gamma Irradiator Use

Routine use of the gamma irradiator is charged per run and includes staff time for performing the irradiation.

Amount: \$164.00/run **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Detection & Analyzer Systems

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

2825: Detection and Analyzer Systems

Routine use of any one detector or analyzer system: liquid scintillation; alpha, beta, or gamma spectrometry; thermoluminescent dosimetry. Minimum charge is one day. Work performed by Radiation Center staff is also charged staff technical assistance rates.

Amount: \$161.00/day **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Handling, Packaging & Shipment of Radioactive Materials

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

2826: Radioactive Material Packaging/Handling (Domestic)

Charges include time involved in handling, packaging the material and the preparation of necessary shipping documentation (usually 3 hours or more), as well as materials and supplies.

Amount: \$199.00/shipment **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

2827: Radioactive Material Packaging/Handling (International)

Charges include time involved in handling, packaging the material and the preparation of necessary shipping documentation (usually 3 hours or more), as well as materials and supplies.

Amount: \$345.00/shipment **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Staff Technical Assistance

Applicability: Charges for radio-analytical services, radioisotope source production, and non-routine projects are determined by the Director on a case-by-case basis using applicable fees as noted below.

2830: Technical Staff Time

minimum of one hour

Amount: \$75.00/hour **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

2831: Professional Staff Time

minimum of one hour

Amount: \$92.00/hour **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

2832: Senior Professional Staff Time

minimum of one hour

Amount: \$179.00/hour **Index:** RIP031 **Activity Code:** **Updated:** 4/11/2022 by Matthew Berry

Research Integrity**Diving and Boat Programs****15636: Kalipi Working Cruise**

To cover technical instructor and expenses of Kalipi working cruises.

Direct travel expenses for special trip request will be billed separately.

Amount: \$600.00/Day Trip **Index:** RDR331 **Activity Code:** RKLP **Updated:** 3/31/2022 by Nichole Havranek

15637: Deckhand

To cover the expenses of having a deckhand on Kalipi working cruise.

Amount: \$130.00/Day **Index:** RDR331 **Activity Code:** RKLP **Updated:** 3/31/2022 by Nichole Havranek

Sea Grant**Extension Outreach Education****11442: Interactive Media Development**

The design and production of interactive media items, including handheld apps, web sited, flash interactive, computer based exhibits, interactive e-books, SOS & Science Buzz interactive; front-end and back-end elements. Any materials used in production will be charges at cost. Additional costs for travel will be added to hourly amount.

Amount: \$75.00/hour **Index:** RSG011 **Activity Code:** **Updated:** 3/14/2022 by Sheryl Powell

11471: Outreach and Engagement Strategy Consultation/Development

Consultation and design of outreach and engagement strategies which can include development and writing plans, wireframing, managing outreach strategy, meetings with principals, stakeholders, and vendors. Any materials used in production will be charges at cost. Additional costs for travel will be added to hourly amount.

Amount: \$75.00/hour **Index:** RSG011 **Activity Code:** **Updated:** 3/18/2022 by Sheryl Powell

14504: Sponsored Student Administrative Fee

Administrative Management fee charged for Sea Grant Scholars supported under contractual agreements with sponsoring agencies or entities requiring special administrative or management services beyond those normally provided.

Amount: \$2,450.00/each **Index:** RSG011 **Activity Code:** RSEK **Updated:** 3/21/2022 by Sheryl Powell

16265: Fish Passage Consultation Service

Staff will plan, organize, facilitate, and summarize workshops seeking feedback on the early design of a decision support tool for fish passage planning. Supplies and travel expenditures will be invoiced at cost.

Amount: \$77.00/per hour **Index:** RSG011 **Activity Code:** TSSC **Updated:** 6/13/2022 by Sheryl Powell

Marine Education Program**2181: Group Tours**

Guided tours through the Center include a 10-minute video introduction and a brief history of the Center and the adjacent laboratories. Theme, concept and the research represented are explained in each of the exhibits as the group walks through the Center.

Amount: \$75.00/hour/group **Index:** RSG011 **Activity Code:** **Updated:** 3/18/2022 by Sheryl Powell

9534: Guided Visitor Center

Groups allowed in HMSC Visitor Center with an educator during off hours by reservation only. \$2.00/hour/person (\$60 minimum hourly fee). A 'no-show' or cancellation-with-less-than-48-hours-notice fee of \$40/hour will be assessed for unexcused absences.

Amount: \$2.00/hour/person **Index:** RSG104 **Activity Code:** **Updated:** 3/18/2022 by Sheryl Powell

9871: Questing

Guided Quest Field Trip and Consulting.

Amount: \$78.00/hour **Index:** RSG011 **Activity Code:** RQST **Updated:** 3/18/2022 by Sheryl Powell

11743: Marine Science Group Presentations

On- or Off-site group presentations on current marine science research. Additional costs for travel will be added to hourly amount.

Amount: \$97.00/hour **Index:** RSG104 **Activity Code:** **Updated:** 3/18/2022 by Sheryl Powell

11997: Group Rental of HMSC Visitor Center and/or Hennings Auditorium

Group renting during off hours by reservation only. Special event host will turn on and off lights, exhibits, and trouble shoot auditorium AV. 2 hour minimum fee @ \$50 with each additional time charged in increments of an hour for \$25 .

Amount: \$25.00/hour **Index:** RSG011 **Activity Code:** RGAD **Updated:** 3/18/2022 by Sheryl Powell

16104: entrance fee

entrance fee per visitor to the Hatfield Marine Science Center Visitor Center.

Amount: \$3.00/visitor **Index:** RSG012 **Activity Code:** RGAD **Updated:** 3/18/2022 by Sheryl Powell

16241: Aquatic Live Support Systems Services

Services one-on-one consultation with individuals regarding aquatic systems and build. Charges at a 1 hr minimum. Travel expense will be charged at cost. Equipment and Supplies will be charged at cost.

Amount: \$60.00/per hour **Index:** RSG011 **Activity Code:** TTIM **Updated:** 6/1/2022 by Sheryl Powell

16294: Aquatic Animal Health Management Consultation

Services one-on-one consultation with individuals regarding aquatic animal health. Charges are at a 1 hr minimum and 15 minute increments after the first hour. Travel expense will be charged at cost.

Amount: \$250.00/hour **Index:** RSG011 **Activity Code:** TTIM **Updated:** 6/14/2022 by Sheryl Powell

Water/Watersheds Institute

FSL Water Lab

9738: Training

new user and new equipment use training

Amount: \$50.00/hour **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9737: General Lab Use

Use fee for FSL water lab, rented space from USDA

Amount: \$25.00/Day **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9739: Washing/Filtering/Weighing Lab Use

fee is flexible for smaller jobs

Amount: \$1.00 - \$25.00/Job **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9740: Cleaning Fee

Users should clean up after themselves and will be charged if they do not. 1 hour minimum

Amount: \$50.00/hour **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9741: AutoAnalyzer - Unassisted Use

cost of chemicals and standards

Amount: \$0.75/Sample **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9742: IC - Auto Analysis - Unassisted

cost of vials, maintenance and standards

Amount: \$1.00/sample **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9743: IC - Manual Analysis - Unassisted

Maintenance and standards

Amount: \$0.60/Sample **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9744: Flame Atomic Absorption - Unassisted

Gas and Standards

Amount: \$0.35/Sample **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9745: Spectrophotometer - Unassisted

Lab use fee only

Amount: \$25.00/Day **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9746: GC Unassisted Use

Gas, Columns, standards

Amount: \$0.30/Injections **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9747: Carbon Analyzer

Maintenance, chemicals and standards

Amount: \$0.25/Sample **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9748: pH Meter - Unassisted

Lab use fee only

Amount: \$1.00 - \$25.00/job **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9749: Conductivity Meter - Unassisted

Lab use fee only

Amount: \$1.00 - \$25.00/job **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

Field Kit Use

9751: YSI 60 pH meter

YSI 60 pH meter. (\$750 purchase price + buffers)

Amount: \$20.00/week **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9752: YSI 30 Conductivity meter

YSI 30 Conductivity meter. (\$695 purchase price + standards)

Amount: \$20.00/week **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9753: Filter Kits

Flask/pump/filter stage, tubing, forceps.

Amount: \$5.00/week **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9755: GeoPump

Geopump. (\$1110 Purchase price)

Amount: \$25.00/week **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

9756: Onset Hobos

onset hobos - (\$40 purchase price & case \$15/mo)

Amount: \$5.00/week **Index:** RDR314 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

College of Agricultural Sciences

Administrative Support Services

Art About Agriculture

15810: Artwork Selection and Installation

Cost for up to three artwork pieces being loaned from the Art About Agriculture Permanent Collection. Cost includes site evaluation, curatorial consulting (making recommendations for layout/placement, time for viewing artwork, preparing signage), and installation/removal for period of artwork loan. Charge will be negotiated with client prior to service. An additional hourly rate at \$14/hr (student) or \$40/hr (curator) may also apply based on the complexity of the installation and/or more than three artwork pieces being installed. Specialty display materials and supplies and any required motor pool transportation will be billed at cost.

Amount: \$125.00/placement **Index:** AGA016 **Activity Code:** AAAA **Updated:** 4/14/2022 by April Cummings

15811: Art About Agriculture Labor

Hourly labor rates for Art About Agriculture. Rate for curator is \$40 per hour. Rate for student worker is \$14 per hour.

Amount: \$14.00 - \$40.00/hour **Index:** AGA016 **Activity Code:** AAAA **Updated:** 4/14/2022 by April Cummings

CAS General

16146: CAS Labor

This fee is for one hour of CAS Employee's labor. The specific rates are: Senior Researcher \$120/hr; Researcher \$99/hr; GRA \$67/hr; Senior FRA \$68/hr; FRA \$56/hr; Research Tech \$48/hr; Post Doc. \$43/hr; and student worker \$13.

Amount: \$13.00 - \$120.00/Hour **Index:** AGA513 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

Ag Greenhouse Operations

Usage Fee

Applicability: Actual cost to the user projects for Greenhouse Operations labor and materials for special projects are not the fiscal responsibility of the greenhouse operating budget or included in Usage fee and will be billed to the customer.

9462: OSU Greenhouse Users- Class 1 - Interior growing areas

Usage fee charged annually for the use of the West Greenhouse interior growing areas and fixed equipment such as autoclave, dryer and pasteurizer.

Amount: \$1.67/sq.ft./floor space/year **Index:** AGD833 **Activity Code:** **Updated:** 3/26/2022 by James Ervin

9465: OSU Greenhouse Users - Class 1 Fixed roof areas

Usage fee charged annually for the use of the East and West Greenhouse fixed roof areas(Non Plant growing Space).

Amount: \$0.66/sq.ft./floor space/year **Index:** AGD833 **Activity Code:** **Updated:** 3/26/2022 by James Ervin

14339: Greenhouse Special Projects

Special projects performed by Greenhouse Operations staff which are not the fiscal responsibility of the Greenhouse Operation's budget or included in the annual Usage Fee and will be billed to the user project at cost for materials and hourly for labor. Labor cost is determined by staff performing the services based on complexity of the project. Student \$14/hour and Classified Bio Tech III \$60/hour. Materials needed for the project will be billed at cost.

Amount: \$14.00 - \$60.00/hour **Index:** AGD833 **Activity Code:** **Updated:** 3/26/2022 by James Ervin

Ag Oregon IPM Center Operations**Integrated Plant Protection Center****14892: IPM Planning Fee**

Integrated Pest Management (IPM) planning based on an analysis of pest status, current IPM practices in categories of prevention, avoidance, monitoring and suppression, and current risk mitigation and biodiversity management practices. Fee is per analysis at a variable cost. The variability is due to the difference in salary and OPE of the individual who works on the analysis, the number of trips taken, and the hours needed to complete the analysis. The cost will be disclosed to the customer prior to the beginning of the analysis and a scope of work with associated deliverables will be provided.

Amount: \$2,881.00 - \$59,809.00/Analysis **Index:** AIP006 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

Animal and Rangeland Sciences**Bishop Lab****15930: Sample preparation by methanol/ethanol extraction. Batch of 30 samples**

Samples extracted through a series of methanol and ethanol

Amount: \$11.59/30 Samples **Index:** AGD045 **Activity Code:** ASCB **Updated:** 3/29/2022 by Natasha Gaspar

Cherian Lab**14248: Raise Chicks to Maturity**

Raise day-old chicks to sexual maturity (~20 weeks in hens). Fee includes chicks, litter, feed, propane for heat, feeding, set up and clean up. Price will be communicated to client before work begins, because feed and propane costs fluctuate.

Amount: \$20.25 - \$23.75/bird **Index:** ASC514 **Activity Code:** AGCX **Updated:** 3/29/2022 by Natasha Gaspar

14249: Nutrition feeding trial in chickens

Nutrition feeding trial with chickens (16 weeks), minimum of 48 birds per feeding trial. Price will be communicated to client before trial begins, because feed and propane costs fluctuate.

Amount: \$11.15 - \$17.15/bird **Index:** ASC514 **Activity Code:** AGCX **Updated:** 3/29/2022 by Natasha Gaspar

14250: Egg quality assays

Analyzing physical and chemical qualities of eggs, color, internal and external components. Price will be agreed on with customer, before work begins.

Amount: \$15.40 - \$15.90/sample **Index:** ASC514 **Activity Code:** AGCX **Updated:** 3/29/2022 by Natasha Gaspar

14253: Lipid analysis in eggs and poultry tissue

This fee covers multiple types of lipid analyses in eggs and poultry tissue. Lipid analysis in chicken eggs, hen serum lipids, and fatty acid analysis. Amount of lab chemicals used is highly variable. Sometimes analysis leads to additional testing on a particular sample. Price will be agreed on before work begins, because labor and supply costs vary.

Lipid and fatty acid analyses includes several steps in sample preparation, isolating lipid from samples (chemicals include chloroform, methanol, hexane) and other materials (filter paper and glass ware, including pipettes). After these steps, further chemical analyses is needed to separate fatty acids (chemicals include boron trifluoride, methanol, hexane) and gas chromatographic analyses (include special chromatographic column [cost anywhere from \$600-1200] and require use of helium, nitrogen, and air). These gases along with gas cylinder tanks rental is added to cost. Small increments of all these chemicals are included in the \$40 maximum fee. (Commercial private labs charge \$80-100 for lipid and fatty acid analyses.)

Amount: \$15.75 - \$61.50/sample **Index:** ASC514 **Activity Code:** AGCX **Updated:** 3/29/2022 by Natasha Gaspar

Meat Lab**9925: Meat Lab Special Processing Service Fee**

Harvest prices per head by species (size): Ovine (sheep)- \$72; Porcine (pig)- \$103; Bovine (cow)- \$146

Amount: \$72.00 - \$146.00/animal **Index:** ASC531 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14178: Retail Display Simulation - Storage

This fee covers storage of research samples in a simulated retail display. The fee is based on the labor of a student worker to monitor display temperatures and lighting intensity, multiple times daily, and adjust them if necessary.

Amount: \$2.15/sample/day **Index:** ASC531 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14179: Retail Display Simulation - Packaging

This fee covers the labor and materials involved with packaging research samples for retail display in polystyrene or vacuum packaging.

Amount: \$2.15/sample/day **Index:** ASC531 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14180: Color Measurement - Spectrophotometer

This fee covers objective color measurement of a research sample, using portable spectrophotometer. The fee is based on the labor involved with taking the reading, data transfer and data analysis.

Amount: \$5.40/sample/day **Index:** ASC531 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14408: Texture Analysis with Sample Preparation

This fee covers texture/tenderness analysis of food samples that must be cooked prior to analysis.

Amount: \$16.30/Sample **Index:** ASC531 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14409: Texture Analysis without Sample Preparation

This fee covers texture/tenderness analysis of food samples that do not require cooking beforehand.

Amount: \$5.65/Sample **Index:** ASC531 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

15990: Processing Area Usage

This is an hourly fee for use of the processing floor and all associated equipment, including cutting tables, vacuum packager, bandsaw, stuffer, scales, grinder, vacuum tumbler and bowl chopper. Personal supplies including frocks, hairnets, and knives, are also provided.

Amount: \$46.00 - \$98.00/unit **Index:** ASC531 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

Steer-A-Year/Hogg Animal Metabolism Building (HAMB)/Swine Center

14429: Animal Care Fee

To recover student labor costs to care for large animals (cows, sheep, swine), during research trials. Service includes daily feeding, watering, and checking animal health. Feed and bedding provided by customer. Both parties agree on price before research trial begins.

Amount: \$10.75/hour **Index:** ASC525 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14629: Building Use for Research - Outside Pens

Building use fee when conducting research using outside pens. Outside pens are on cement pad, with roof. Pens are set up for research with large animals (cattle, etc.). Fee includes use of building, squeeze chute, and electricity. Feed and bedding provided by customer. Farm Superintendent will determine maximum capacity of animals per pen. Price will be determined and agreed on before research begins.

Amount: \$4.50/pen/day **Index:** ASC525 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14630: Building Use for Research - Inside Pens

Building use fee when conducting research using inside pens. Pens set up for research with medium-sized animals (sheep, goats, calves, etc.). Fee includes use of building, and utilities. Feed and bedding provided by customer. Farm Superintendent will determine maximum capacity of animals per pen. Price will be determined and agreed on before research begins.

Amount: \$2.00/pen/day **Index:** ASC525 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

14641: Research Setup

To recover Farm Superintendent labor costs when scheduling, planning, and setting up research trials. Price depends on complexity of research study. Both parties will agree on price before work begins.

Amount: \$53.00/hour **Index:** ASC525 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

OSU Horse Center

15945: Arena prep for equine facilitated learning sessions.

Student labor hours for arena prep.

Amount: \$13.00/hour **Index:** ASC049 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

15957: Equine facilitated arena learning time.

Equine seminar arena time per hour for faculty. 1 individual is 1 hour. Two or more individuals would be 1.5 hours.

Amount: \$77.00/hour **Index:** ASC049 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

15968: Equine facilitated preparation time.

Equine seminar preparation time for faculty. 1-10 people per session. Minimum cost \$77*1 individuals=\$77/prep time. Additional individuals is 1 hour per individual. Maximum of 10 individuals.

Amount: \$77.00/hour **Index:** ASC049 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

15992: Equine Facilitated Learning - Horse Care

Horse care services: student hours, and supplies including feed, bedding, supplies, and animal care services such as farrier services. Horse care is calculated on a daily rate. This fee represents one day of horse care.

Amount: \$19.00/horse **Index:** ASC049 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

Farm Services

11427: Equipment Operator Fee

This fee is for an hour of labor for operation of farm equipment or vehicles.

Amount: \$35.00/hour **Index:** ASC530 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

11440: Equipment Operator fee - overtime

This fee is for labor for the operation of departmental equipment and vehicles when the operator is working overtime.

Amount: \$53.00/hour **Index:** ASC530 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10634: Farm Service Tractor Fee

Tractor use

Amount: \$25.00/Hour **Index:** ASC530 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

14410: Skilled Labor/Farm Maintenance Fee

1 hour of skilled labor/farm maintenance work.

Amount: \$37.00/hour **Index:** ASC530 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16023: ANRS Dairy Labor

Charged per hour. Includes time for set up, management, maintenance of project/class, transporting animals, and animal care. Animal care services: Blood or fecal sample collection for testing at the vet school. Moving animals, cleaning and bedding down pens, cleaning water troughs, hoof trimming, fecal sampling, milking, etc. Dairy Manger labor will be charged at \$54/hr. Classified Dairy employee labor will be charged at \$50/hr, and Student Dairy employee will be charged at \$13/hr.

Amount: \$13.00 - \$54.00/hour **Index:** ASC526 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16029: Time bred ewe

Time and materials for bred ewe. In addition customer will be charged for actual cost of an ewe.

Amount: \$27.00/breeding incident **Index:** ASC528 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16030: Dairy ATV usage

Charged per hour of use. Single use will be charged same amount. The cost covers use, fuel, and maintenance of quad for the additional time it is used. Labor not included. Please see "ANRS Dairy Labor", labor will be charged per hour along with service/supplies.

Amount: \$5.00/hour **Index:** ASC526 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16045: ANRS Sheep Labor

Charged per hour. Includes time for set up, management, maintenance of project/class, animal transportation, and animal care. Animal care services: Blood or fecal sample collection for testing at the vet school. Moving animals, cleaning and bedding down pens, cleaning water troughs, hoof trimming, fecal sampling, etc. Sheep Manger labor will be charged at \$53/hr. Classified Sheep employee labor will be charged at \$40/hr, and Student Sheep employee will be charged at \$13/hr.

Amount: \$13.00 - \$53.00/hour **Index:** ASC528 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16046: Dairy Separate Housing

Charged per head per day. Charged when any animal is housed in a separate pen. Cost includes the space and wear-and-tear on supplies and equipment. Included supplies and equipment are used for maintaining the housing, parlor, pasture, and feeding equipment. Cost does not include additional labor. Please see "ANRS Dairy Labor", labor will be charged per hour along with service/supplies.

Amount: \$1.00/cow **Index:** ASC526 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16052: Order Cancellation Fee for Sheep Services

Compensate time for administration costs of scheduling the delivery and transportation, shearing, testing, delivering samples to the vet school and supplies to prepare animals for shipping when the order is cancelled. Costs include time for Academic, Classified, and student employee. Supplies and Testing fees will be billed at cost. Only charged when order is cancelled.

Amount: \$105.00/customers **Index:** ASC528 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16053: Housing Dairy Cows in Calan Gates

Charged per head per day. The cost covers maintenance of the Calan Gates and the cost of housing milk cows separately, and supplies. Includes labor for additional milking time and dropping feed separately. The cost does not include labor for additional animal handling or mixing of a separate ration. Please see "ANRS Dairy Labor", labor will be charged per hour along with service/supplies.

Amount: \$2.29/cow/day **Index:** ASC526 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

16058: Dairy Tractor Usage

Charged per hour of use. The cost covers use, fuel, and maintenance of tractor parts for the additional time it is used. Labor not included. Please see "ANRS Dairy Labor", labor will be charged per hour along with service/supplies.

Amount: \$35.00/machine hour **Index:** ASC526 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16059: Dairy Cow use for Research

Cost per head per day for the use of animals. Includes provided feed and general care of animal. Labor not included. Please see "ANRS Dairy Labor", labor will be charged per hour along with service/supplies.

Amount: \$4.00/cow/day **Index:** ASC526 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

16060: Dairy Milk Discard

Charged per hundred pounds of milk (cwt). If additional labor is required for processing or disposal, it will be charged per hour based on published costs; Please see "ANRS Dairy Labor"

Amount: \$21.00/CWT Index: ASC526 Activity Code: Updated: 3/29/2022 by Natasha Gaspar

Nutrition Lab

1331: Nitrogen Analysis

\$8/sample - labor included, \$5/sample labor not included

Amount: \$5.00 - \$8.00/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

1332: ADF Analysis

\$5.50/sample - labor included, \$3/sample labor not included

Amount: \$3.00 - \$5.50/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

1333: NDF Analysis

\$5.50/sample - labor included, \$3/sample labor not included

Amount: \$3.00 - \$5.50/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

1396: Ash Analysis

\$2/sample - labor included, \$.50/sample labor not included

Amount: \$0.50 - \$2.00/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

1397: Ether Extract

Laboratory process. \$6/sample - labor included, \$3/sample labor not included.

Amount: \$3.00 - \$6.00/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

1398: In Vitro Digestibility

Laboratory study. \$15/sample - labor included, \$5/sample labor not included

Amount: \$5.00 - \$15.00/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

1461: Minerals

Laboratory analysis. \$5/sample - labor included, \$1/sample labor not included.

Amount: \$1.00 - \$5.00/sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

9909: Sample Preparation, Grinding, and Dry Matter (Labor included)

Grinding, oven drying, and dry matter analysis. Sample run in duplicate. Labor provided

Amount: \$3.50/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

9912: Sample Preparation, Grinding, and Dry Matter (Labor not included)

Grinding, oven drying, and dry matter analysis - You provide labor

Amount: \$0.50/Sample Index: ASC514 Activity Code: ALAB Updated: 4/14/2022 by April Cummings

Biol & Ecol Engineering

Center for Transformative Environmental Monitoring Programs (CTEMPs) - Except UAV

11070: Fiber Optic DTS Equipment Lease

Lease of fiber-optic distributed temperature sensing (DTS) unit. Provided through Center for Transformative Environmental Monitoring Programs (CTEMPS). Cost varies by instrument resolution: low resolution \$50/day, medium resolution \$100/day, high resolution \$125/day plus shipping at cost

Amount: \$50.00 - \$125.00/day Index: S2084P Activity Code: Updated: 3/1/2022 by Wenjie Xu

11071: Fiber-Optic Cable

Fiber-Optic Cable for environmental monitoring programs. Lease option: available where removal & return of cable in original condition can be anticipated. Leasing price is 50% of the total purchasing price of the cable. Purchasing option at 100% + labor of original cable cost when use is not consistent with above lease expectations or in situations where client would prefer to retain the cable. Typical use & installations span two months. Cable Lifespan (avg.): 2 Installations. Standard, Armored or High Pressure options available. Price varies depending on type of cable utilized. Contact <http://ctemps.org/contact-ctemps> for options.

Amount: Cost to Lease: 50% of purchase cost Index: S2084P Activity Code: Updated: 3/1/2022 by Wenjie Xu

11923: Fiber-Optic Cable Heating System (Lease)

Computer controlled power regulator providing timed electrical energy to metallic sheathed fiber optic cables. Operates at 120-240 VAC, and provides control up to 4KW. Provided in enclosed case; weight ~ 50 lbs. Dimension 1 x 2 x 2.5 feet. \$10/day + shipping @ cost. With agreement of CTEMPS, payment for consecutive rental days can be applied to purchase of unit at cost described in fee #15194.

Amount: \$10.00/day Index: S2084P Activity Code: Updated: 3/1/2022 by Wenjie Xu

11152: Fluke 1524 Data Logging Thermometer (Lease)

Reference-grade data logging thermometer with two probes ($\pm 0.002C$ accuracy). Hand-held, battery operated, useable in the lab or field. Equipped with plastic carrying case, and USB cables. Not waterproof. \$25/day plus shipping at cost.

Amount: \$25.00/day Index: S2084P Activity Code: Updated: 3/1/2022 by Wenjie Xu

11153: KD2Pro Thermal Properties Probe (Lease)

Thermal properties probe for soil and other media characterization as part of Fiber Optic installations. Supplied with two probes, and plastic carrying case. \$25/day; \$100/week; \$250/month - Additional cost for shipping.

Amount: \$25.00 - \$250.00/unit **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

11172: Solar Trailer

Solar Trailer equipped with 990 W of solar panel capacity and power system capable of delivering power at 24 v (up to 20 A) and 120 v (up to 10 A). Includes lead-acid batteries in good condition (>75% of original capacity) with storage capacity of 600 A-hr. at 24 v. Trailer Specifications: 2" ball, standard trailer brake light connections, 8x5 floor-plan and 6 foot height clearance. \$25/day plus transportation.

Amount: \$25.00/day **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

11207: Fusion Splicer

Fujikura 18s or 19s v-groove fusion splicer with cleaning kit used to prepare fiber for splicing. Heat-Shrink Splice Covers not included (may be purchased separately - \$4ea). Equipment must be returned in original condition.

Repairs/replacement needed to return the equipment to its original condition additional. \$50/day plus shipping.

Amount: \$50.00/day **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

14224: Splice Box (watertight)

The watertight splice box provides protection at the connection between the cable and Distributed Temperature Sensing (DTS) Unit. Required for deployment of Fiber Optic Cable. Available for purchase only (single-use). \$65 each plus shipping at cost.

Amount: \$65.00/each **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

14225: Pigtailed E2000 Connector (5m)

Fiber-optic cable terminators (pigtail) allow addition of specific connectors at the end of the fiber-optic cable. Available for purchase only (single-use). \$50 each plus shipping at cost.

Amount: \$50.00/each **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

14324: Stand-Alone Temperature Loggers - 10 pack (low resolution)

Stand-alone low resolution temperature loggers (0.2°C) provide temperature references used in calibration of fiber-optic measurements. (10pk).

\$3.50/day plus shipping.

Amount: \$3.50/day **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

14325: Stand Alone Temperature Logger - High Resolution

Stand alone high resolution temperature logger (+/-0.002°C) provides temperature references used in calibration of fiber optic measurements.

\$3.00/unit/day plus shipping at cost.

Amount: \$3.00/day/unit **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

14441: Additional Labor

Additional labor for technical & logistical support in excess of that included in standard service. Billed \$14 - \$67 depending on the personnel doing work at actual time required to provide service. Undergraduate student = \$14-\$17/hr, FRA = \$64/hr, Graduate Assistant = \$67/hr.

Extra charge applies for on site assistance: transportation (billed at actual cost) & daily per diem (billed in accordance with OSU published per diem rates.) Material purchases required associated with labor will be charged at cost.

Amount: \$14.00 - \$67.00/hour **Index:** S2084P **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

15556: Hyperspectral Camera

Weekly fee for hyperspectral camera. Labor for setup and check-in is included and will only be charged once per continuous use period. Rental periods of less than a week will be charged proportionally by the day. Shipping and travel will be charged at cost. Staff time for any needed field support or post processing beyond orthorectification and radiance will be charged at based upon fee #14441.

Amount: \$2,244.00/Week **Index:** S2084P **Activity Code:** **Updated:** 4/14/2022 by April Cummings

OPEnS Lab**15033: 3D Printing**

3D Printing using filament or resin based printers. Cost of print varies by printer due to supply and setup costs. Costs from \$0.10 to \$0.25 per gram for filament printers, \$0.55/mL for resin printers.

Amount: \$0.10 - \$0.55/gram **Index:** ABE507 **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

15034: Laser Cutting

OPEnS Lab Laser Cutting.

Amount: \$27.00/operational hour **Index:** ABE507 **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

15547: OPEnS LAB LABOR

Labor fee for personnel in the OPEnS Lab. Rate depends on the personnel doing the work: Student = \$14 -17/hr; Technician (external only) = \$40/hr; Post doc = \$42/hour; FRA = \$64/hr; Assistant professor = \$73/hr; and Graduate student = \$67/hr.

Labor occurring off the OSU campus will be charged travel and per diem at cost. Material purchases required associated with labor will be charged at cost.

Amount: \$14.00 - \$73.00/hour **Index:** ABE507 **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

15548: OPEnS Lab equipment building and design

Charges for the design and building of equipment by the OPEnS Lab. Activities requiring OPEnS personnel to be off the OSU campus will be charged travel and per diem at cost. Labor will be charged per fee #15547, 3D printing will be charged per fee #15033, laser cutter per fee #15034, and all materials, shipping will be billed at actual cost.

Amount: \$13.00/hour **Index:** ABE507 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

16206: Lease of eDNA sampler

Lease of eDNA sampler. Provided through the Openly Published Environmental Sensing Laboratory. Cost varies by lease time period: \$2503 for the first month, \$1254 for the second month, \$625 for third and further months plus shipping at cost. Travel, per diem, and labor required for staff on site support (fee #15547 OPEnS LAB LABOR) will be billed at cost.

Amount: \$2,503.00/month **Index:** AGD061 **Activity Code:** ADNA **Updated:** 3/1/2022 by Wenjie Xu

Vadose Zone**14328: Vadose Zone Teaching Kit**

Teaching Kit containing equipment to perform experiments in order to understand the processes of the Vadose Zone. Available for purchase \$100 each plus shipping at cost.

Amount: \$100.00/each **Index:** ABE507 **Activity Code:** **Updated:** 3/1/2022 by Wenjie Xu

Vehicle Usage**10248: Vehicle usage fee**

Department vehicles used by faculty for transportation related to research purposes.

Amount: \$0.40/mile **Index:** AGD061 **Activity Code:** ASEL **Updated:** 4/14/2022 by April Cummings

Botany and Plant Pathology**Botany and Plant Pathology Service Fees****14852: Plot Research**

Service is for planting, inoculation, and disease evaluation of cereal genotypes in the field.

Amount: \$38.00/plot **Index:** ABP002 **Activity Code:** ABCM **Updated:** 3/29/2022 by Natasha Gaspar

14986: Field and Greenhouse Disease Diagnosis

Service is for visiting vegetable, seed crops, hop, field crop plantings on-farm or in greenhouses with suspected disease problem and disease diagnosis of plant samples collected. Travel expenses required to perform the service will be charged at actual cost.

Amount: \$438.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

14987: Pathogen Strain Collection from Vegetable or Field Crops

Collection of fungal and oomycete pathogens for vegetable and field crop plants. Service is for obtaining, testing, and providing a culture of a strain pathogenic on limited vegetable and field crops in Oregon. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$3,316.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

14988: Inoculum: Increase of pathogenic fungal and oomycete strains for testing in Oregon

Service is for providing inoculum of strains of specific fungal (*Fusarium* spp., etc.) and oomycete pathogens (*Pythium*) of plants from Oregon. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$5,306.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15007: Plot Research-Genotype Screenings (Field screening of host lines for disease)

Service is for disease evaluations of genotypes of vegetables and field crops in replicated, small plot field trials. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$1,902.00/plot **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15171: Pathogen biology investigations

Service is for determining aspects of pathogen biology in vegetable, seed, hop, or field crops. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$2,581.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15172: Seed treatment evaluations

Service is for evaluating the efficacy of fungicide seed treatments (conventional or bio-fungicides) in disease management for vegetable, seed, hop, or field crops. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$2,091.00/treatment **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15173: Evaluations of foliar or soil treatments for disease control

Service is for evaluating the efficacy of foliar or soil applied fungicides (conventional or bio-fungicides) for disease management in vegetable, seed, hop, or field crops. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$4,463.00/treatment **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15216: Oregon Flora Consultation Service

Analysis of data using Oregon Flora resources; customized data output in tabular format, including location data provided as TRS or lat/long values. Spatial data delivery and analysis is available at an additional cost of \$50/hr. Spatial data output provided as shapefile and graphic output (maps with occurrences).

Amount: \$161.00/request **Index:** ABP002 **Activity Code:** AOFPI **Updated:** 6/1/2022 by Natasha Gaspar

15383: GLRaV-2 antibody serum

GLRaV-2 coat protein antibody serum produced in rabbit.

Amount: \$150.00/unit **Index:** ABP002 **Activity Code:** ABVD **Updated:** 3/29/2022 by Natasha Gaspar

15529: Jaiswal Laboratory Data Consulting

Consulting for data hosting, data access, data analysis and IT-based services. Services may include, research, data analysis, computational analytics and resource management, sample processing, development and access to database, access to data, and data processing.

Amount: \$150.00/service request **Index:** ABP002 **Activity Code:** ABPJ **Updated:** 3/29/2022 by Natasha Gaspar

15558: Jaiswal Laboratory Biological Processing and Testing Fee

Services in conducting biological experiments, processing and testing of biological samples. This includes DNA, RNA, protein samples for the wet lab-based projects, as well as the processing of sampled data for IT-based analytics, processing and bulk/online access. Minimum fee will be \$120. Additional expenses will be calculated as follows: Academic (Associate Prof) at \$109.40/hr, Academic (Assistant Prof.) at \$74.34/hr, Sr FRA at \$72.02/hr, Post Doc at \$34.18/hr, Grad Student at \$31.92/hr, Undergrad Student at \$11.61/hr. Supplies (kits), Services (data analysis), and online data service subscription will be at actual costs.

Amount: \$120.00 - \$5,810.00/unit **Index:** ABP002 **Activity Code:** ABPJ **Updated:** 3/29/2022 by Natasha Gaspar

15622: Fruit and Ornamental Disease Mgmt Program

Testing of Pest Control Tactics (pesticides, biologicals, organics, fungicides, insecticides, herbicides, cultural tactics, and equipment tactics) for efficacy against various plant diseases. A written report will be provided to client. The report will include procedure based on supplied protocol and results. Report will include raw data, images if requested in the client protocol.

Amount: \$2,000.00/treatment unit **Index:** ABP002 **Activity Code:** ABJP **Updated:** 3/29/2022 by Natasha Gaspar

15688: Analysis of Metabolites in Biological Samples by GC-MS

"Detection of metabolites present in biological samples by gas chromatography mass spectrometry (GC-MS). Service includes sample derivitization and metabolite detection using an Agilent 7890B GC coupled to 5977B Inert Plus MSD EI with Extractor EI Source and high vacuum turbo pump. Metabolite identification by searching retention time locked library of known compounds. "

Amount: \$10.00/sample **Index:** ABP002 **Activity Code:** ABJA **Updated:** 3/29/2022 by Natasha Gaspar

15689: Lichen and moss sample prep for elemental analysis

Trimming and cleaning field samples of lichens a bryophytes for elemental analysis, including trace metals. Processing is performed under a laminar flow hood with HEPA filtration by a trained, experienced technician. Because size, quality, and ease of processing of samples varies greatly, fees are based on an hourly rate. Gloves, clean bags for processed samples, and other supplies are included. Send dry or frozen samples, typically 5-10 grams. Specify number of grams dry weight of processed, cleaned sample to be prepared. Cleaned samples to be placed in Kapak/Silverpak bags supplied by us or other containers supplied by you. Shipping of samples to us and from us to analytical lab at your expense and with your choice of shipping method and your choice of analytical lab.

Amount: \$39.00/hour **Index:** ABP002 **Activity Code:** ABBM **Updated:** 3/29/2022 by Natasha Gaspar

15690: Lichen Identification via PCR-Sequencing

Identification of lichenized fungi to the extent possible using DNA extraction, PCR and sequencing of at least one locus (usually ITS), microscopic examination, and chemical spot tests.

Amount: \$169.00/sample **Index:** ABP002 **Activity Code:** ABBM **Updated:** 3/29/2022 by Natasha Gaspar

15691: Analysis of secondary products in lichens by TLC

Detection of common secondary products in lichens with thin-layer chromatography, excluding fatty acids, with two solvent systems and aluminum-backed silica-gel plates. Substances will be compared with norstictic acid and atranorin standards. Results: color scan of TLC plates, list of substances for each sample.

Amount: \$436.00/sample **Index:** ABP002 **Activity Code:** ABBM **Updated:** 3/29/2022 by Natasha Gaspar

15692: Herbarium Specimen Vouchers - lichens

Curating voucher specimens for deposit in the OSU Herbarium
This fee is for lichen samples submitted to the OSU Herbarium. The fee covers archival materials, label printing and specimen databasing and filing. The minimum order is 30 specimens.

Amount: \$3.00/sample **Index:** ABP005 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

15693: Plant DNA Identification

DNA extraction and sequencing to identify vascular plants
This fee is for vascular plant samples submitted to the OSU Herbarium for DNA identification. The fee covers DNA extraction, amplification and sequencing by the CGRB Central Service Lab.

Amount: \$79.00/sample **Index:** ABP005 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

15704: Lab Soil Typing-Laboratory screening of soil for Fusarium and Pythiumlevels

Service is for laboratory evaluations of soils for the presence of Fusarium and Pythium spp. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$1,792.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15705: Identification of Fusarium spp.

Service is for laboratory identification of Fusarium spp. collected within the state of Oregon.

Amount: \$1,172.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15706: Viroid Testing-Detection of viroids and viruses in row crops.

Service is for detection of Hop stunt viroid, Hop latent viroid, and viruses in row crops grown within the state of Oregon. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$1,172.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15719: GH Soil Typing-Greenhouse screening of soil for the presence of pathogenic Fusarium and Pythium spp.

Service is for greenhouse evaluations of soils for the presence of pathogenic Fusarium and Pythium spp. for vegetable and row crops. If travel is required to perform the service, travel expenses will be charged at actual cost.

Amount: \$2,042.00/sample **Index:** ABP002 **Activity Code:** ACOMO **Updated:** 3/29/2022 by Natasha Gaspar

15720: Forest Pathogen Diagnostics

Isolation and identification of fungal/bacterial/ or viral organism causing plant disease. A combination of cultural and molecular diagnostics will be used.

Amount: \$427.00/sample **Index:** ABP002 **Activity Code:** ABJL **Updated:** 3/29/2022 by Natasha Gaspar

16235: Phytophthora environmental surveys

Isolation and identification of fungal organisms causing plant disease, utilizing culturing and molecular diagnostics. Any additional travel costs, materials, supplies, and/or services used will be billed to the customer at cost.

Amount: \$284.00/sample **Index:** ABP003 **Activity Code:** AEBA **Updated:** 5/24/2022 by Natasha Gaspar

Diagnosing Tree Diseases

11998: P.ramorum and P.lateralis diagnostic assay

Routine Species Identification

Amount: \$15.00/unit **Index:** ABP016 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

Nematode Research Activity Fees

2743: Tuber Analyses

Peel and evaluate a sample (25 or less tubers) for root-knot nematode. OR Slice and evaluate a sample (25 or less tubers) for corky ringspot. OR Other comparable evaluations. Travel costs will be charged at actual.

Amount: \$55.00/sample **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

9628: Live vs Dead Nematodes

Evaluate nematodes in samples to determine if they are alive or dead. This fee is in addition to the normal fee for routine soil or root samples.

Amount: \$50.00/sample/genus **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

12024: Nematode Product Evaluation

Greenhouse Study Example: 5 treatments will be tested with 5 replications = 25 pots. Soil will be inoculated with 5000 root-knot eggs/pot. Products to be tested will be added to pots according to client's specifications. Pots will be planted to a host for the nematode such as wheat or tomato. Plants will be maintained in the greenhouse for the designated test period. At harvest, roots will be removed from the pot and gently washed free of soil. Nematode eggs will be extracted from roots and counted. Nematodes will be extracted from soil and counted. Statistical analysis will be conducted to see if the treatments reduced the ability on the nematode population to increase.

Field Trial Example – Potato: 10 treatments will be tested with 5 replications. Twenty soil samples from the potential study location will be sampled for nematodes to identify the best site in which to place the research plots. Plots will be laid out and pretreatment nematode soil samples will be taken from each plot. Client is required to make their own applications but project personnel will assist product representative in product application in necessary. Applications may occur on several dates. Post treatment/mid-season nematode soil samples will be taken from each plot. Harvest nematode soil samples will be taken from each plot. Tubers will be harvested from each plot and yield determined for each size class. A sample of 25 tubers from each plot will be examined for nematode damage. Statistical analysis will be conducted to see if the treatments reduced soil nematode populations or tuber damage from nematodes. Minimum fee will be \$4,800. Additional expenses will be calculated as follows: Research Assistant at \$60.22/hr, Academic (Professor) at \$108.07/hr, additional samples at \$55/sample, travel will be billed at actual costs, additional supplies and services (seed, fertilizer, pesticides, irrigation, site prep, etc) will be billed at actual costs. A written estimate will be provided to client before work begins.

Amount: \$4,788.00 - \$43,062.00/study **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

Nematode Testing Service Fees

9309: Extension Nematode Testing thru Plant Clinic/Soil Sample

Extract and count by genus. Travel cost will be charged at actual.

Amount: \$55.00/Sample **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

9310: Extension Nematode Testing thru Plant Clinic/Root Sample

Extract and count by genus. Travel cost will be charged at actual.

Amount: \$55.00/sample **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

9313: Routine Species Identification

Routine species include species of plant pathogenic genera commonly encountered in the Pacific NW quadrant of the United States. *Pratylenchus penetrans*, *P. neglectus*, *P. crenatus*, and *P. thornei*; *Meloidogyne hapla*, *M. chitwoodi*, and *M. naasi*.

Amount: \$50.00/genus/sample **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

9314: Non-Routine Species Identification

Species of plant pathogenic genera which are not on our list of commonly identified species and other non-routine procedures. Requires additional research time. A list of species commonly identified in our lab is on the sample submission form.

Amount: \$75.00/hour **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

9315: Other Nematode Testing Services

Including: foliar and cyst nematode extraction and identification and root-knot nematode egg extractions, and unique extractions. Charge will be negotiated with client prior to service. An additional Technical Assistant hourly rate at \$60.22/hr may apply based on the complexity of the sample.

Amount: \$55.00 - \$115.22/sample **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

10710: Wood Sample Testing for Pinewood Nematode

Extract wood chips or drill shavings and examine for pinewood nematode. Some examinations may take extra time if nematodes that resemble pinewood nematodes are present. Extra time charged at same rate as non-routine species identifications.

Amount: \$80.00/sample **Index:** ABP402 **Activity Code:** ANEM **Updated:** 3/29/2022 by Natasha Gaspar

Plant Clinic Services

Purpose: Factors used to set fees include cost of materials, supplies and a portion of the labor required to perform the tests. The remainder of the costs are paid by the OSU Extension Service as part of its education missions.

2750: Bacterial ID using BIOLOG

The fee is for pure cultures submitted to the clinic for identification.

Amount: \$69.00/pure culture **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

2754: Pathogen Identification via ELISA

These fees are for those plant samples submitted specifically with a request to test for pathogens using serology. Cost depends on the number of samples received and the number of tests requested. \$81 for 1 sample and 1 pathogen. Price varies depending on the number of samples and the number of organisms to be tested: \$20.00 extra per additional sample, and \$20.00 extra per additional organism.

Amount: \$81.00/Sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

2756: Seed Tests

Test seed for presence of fungal pathogens.

Amount: \$141.00/Sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

2764: Testing Water for Phytophthora or Pythium

Testing water for the presence of Phytophthora or Pythium Via Filtration.

Amount: \$122.00/Sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

2765: Verticillium dahliae soil assay

This service analyzes soil samples for propagules of the fungus Verticillium dahliae by culturing.

Amount: \$72.00/Sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

10240: Plant Disease Diagnosis

Plant problem diagnosis

Amount: \$87.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

2773: Special Assays and ID Services

Special Assays and ID Services. Assays not normally performed may be available on demand. These assays are usually time and materials extensive.

Amount: \$290.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 3/29/2022 by Natasha Gaspar

10995: Phytophthora detection via baiting from water or soil.

This is for samples submitted specifically for detection of Phytophthora from water or soil using baiting.

Amount: \$90.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 3/29/2022 by Natasha Gaspar

11892: ID of Agrobacterium analysis in symptomless material via PCR

This is for samples submitted specifically for detection of Agrobacterium from plant material which is not showing symptoms. This is for analysis of plant material that appears healthy to check for the presence of pathogenic Agrobacterium using culturing and PCR.

Amount: \$153.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

15986: Identification of a pathogen using sequencing.

This fee is for identification by sequencing an unknown plant pathogen (or plant associated organism) which is supplied as a pure culture. This fee is for organisms received in pure culture, to be identified by sequencing. If the organism is not received in pure culture, this fee will be in addition to the base fee.

Amount: \$128.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

15987: Viroid (and RNA-containing viruses) ID by Standard PCR

This is for identification of submicroscopic organisms such as viroids and RNA viruses such as Little cherry viruses 1 & 2. Cost depends on the number of samples received at the same time. Each additional sample adds \$12 in materials and \$18 in labor. Cost of each additional sample = \$30.

Amount: \$100.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

15998: Rush Plant Samples

This is for 24 hr service, from time of receipt.

Amount: \$200.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

15999: Pathogen ID by PCR

This is for identification of a pure culture using PCR. Fungal or bacterial ID via PCR. Price depends on the number of samples received at the same time. Each additional sample adds \$12 in materials and \$24 in labor.

Amount: \$90.00/sample **Index:** ABP402 **Activity Code:** ADDS **Updated:** 4/14/2022 by April Cummings

Arthropod Clinic Services**9520: Large insect sample processing**

Large sample processing for requests of identification of >20 insects at a time.

Amount: \$70.00/every 20 insects **Index:** ABP402 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

Corvallis Farm Unit Operations**Farm Services****10208: Farm Labor**

Use of our Farm staff. \$34 per hour for Farm Staff, \$12 per hour for Student.

Amount: \$12.00 - \$34.00/Hour **Index:** AFM501 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

10219: Crop Drying w/Gas Dryer Rental

Small bins-ambient air: no charge. \$5.00 per hour for large bin with heat.

Amount: \$5.00/Hour **Index:** AFM501 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11441: Irrigation pumping/hr

Fee for irrigation pumping

Amount: \$2.35/hour **Index:** AFM501 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

11458: Truck Use

Use of farm truck

Amount: \$0.68/mile **Index:** AFM501 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

14383: Can Fee

This fee is for storing potted or "canned" plants at the research farm. The fee includes watering, and ground mat for 2100 square feet of space in the "can" area.

Amount: \$79.00/Quarter **Index:** AFM501 **Activity Code:** **Updated:** 3/28/2022 by Gerri Ravjaa

Lewis-Brown Farm, The Vegetable Farm, and Woodhall Vineyard

Purpose: The services provided include tilling, spraying, irrigation and other services necessary to maintain normal growth.

Applicability: The department of Horticulture maintains plots of land at the Lewis-Brown Farm, the vegetable farm, and the Woodhall Vineyard. This land is for the most part used for internal research projects within OSU but some land is made available to outside researchers.

2423: Farm Lab Service Fee

Ground preparation, irrigation, sprinkler irrigation equipment (if available), tractor applied pesticides and fertilizers for routine crop maintenance, plot mowing (except LBF), post harvest field renovation after research inputs are removed, cover crop planting on released plots, vertebrate pest control, use of facilities and equipment. Supplies such as pesticides, fuels fertilizers, trellis, drip irrigation, row covers, bird net, deer net, etc. are a project responsibility. Costs of maintaining organic certification through Oregon Tilth will be divided among organic plot users annually. All equipment must be operated by trained and approved OSU or USDA personnel. Acre fractions less than 0.5 acres will be charged at a half an acre rate

Amount: \$1,460.00/acre/year **Index:** AFM501 **Activity Code:** **Updated:** 3/25/2022 by Gerri Ravjaa

11485: East Farm Hops with limited staff services

Fee for research field services for hops crops with limited staff services on East Farm. Includes rodent eradication, weed control around the perimeter of research area, use of irrigation equipment if available, building and equipment use. If needed, fuels will be sold at cost.

Amount: \$550.00/acre/year **Index:** AFM501 **Activity Code:** **Updated:** 3/25/2022 by Gerri Ravjaa

Botany Plant Pathology Field Lab Fees

Purpose: This fee covers ground preparation, irrigation, irrigation equipment, irrigation pump electricity, cultivation, weed control, mowing, herbicide application, fungicide/ insecticide application in orchards, use of facility, buildings, implements, tractors, tools, storage and spray equipment. Any supplies such as fertilizer, fuel, herbicides, insecticides, or fungicides will be charged at actual cost.

Applicability: Any part of an acre is charged at a one acre rate.

9956: Research Projects at BPP Field Lab

Ground preparation, irrigation, irrigation equipment, irrigation pump electricity, non-research work (weed control, mowing, herbicide application, fungicide/insecticide application), post-harvest field renovation after research inputs are removed, cover-crop planting, rodent eradication, use of facility, buildings, implements, tractors, tools and storage. Any research specific supplies such as fertilizers, chemicals, herbicides, fungicides and insecticides will be billed at actual cost. All equipment must be operated by trained and approved OSU or USDA personnel. Perennial plot removal will be paid by researcher. Any part of an acre is charged at the one acre rate.

Amount: \$998.00/acre/year **Index:** AFM501 **Activity Code:** **Updated:** 3/24/2022 by Gerri Ravjaa

Hyslop Farm

Applicability: Any supplies such as fuels, lubricants, fertilizers, chemicals, herbicides, fungicides, insecticides, paper bags, dust masks, twine, etc. will be sold at cost. All equipment must be operated by OSU personnel.

2607: Research Field Lab Agricultural Services Fee

Ground preparation, irrigation equipment, irrigation pump electricity, non-research weed control, mowing, herbicide application, fungicide/insecticide application, post-harvest field cleanup, cover-crop planting, rodent eradication, use of facility, buildings, implements, tractors, tools, and storage. Full-time mechanic available. Any supplies such as fuels, lubricants, fertilizers, research specific chemicals, herbicides, fungicides and insecticides will be charged separately at actual costs. All equipment must be operated by trained and approved OSU or USDA personnel. Any part of an acre will be charged at a one acre rate.

Amount: \$1,018.00/Acre/year**Index:** AFM501**Activity Code:****Updated:** 3/24/2022 by Gerri Ravjaa**Crop and Soil Science****Central Analytical Lab**

Purpose: Typical service provided is developing quality assurance programs, process outlines, work on lab start-up and similar activities by CAL staff for other labs and corporations. Price list at <http://cropandsoil.oregonstate.edu/cal>

Applicability: *Rush analysis is when client wants lab to process samples right away (results within 3 days) and cannot wait for the lab to have other samples to run with their samples. **We should always be able to get samples back within 2 weeks, with the goal of <1 week turnaround time. ***The fee for "sample prepared" category is for students/collaborators who prepare the standards necessary, the wet chemistry needed, any weighing, drying or grinding, and have the samples ready to hand to the CAL Lab Tech who will do all of the work with the analytical equipment. This fee is discounted because it does not include the labor cost for preparing the standard or the labor cost of preparing the sample. Time for sample processing and mechanical maintenance, as well as, all consumables (materials and chemicals) are still included. Any training that the student needs in order to prepare samples can be done by their PI and confirmed by CAL or the student can be trained by a CAL technician and a \$40/hour fee will be charged. ****The fee for "independent student" category is for students who have been recommended by their PI as being fully trustworthy and competent to run relevant equipment. This will require training time by the CAL Laboratory Technician, which will be billed at \$40/hour. It also requires that the student's PI take financial responsibility if the student damages equipment due to improper operation. This fee is discounted because it does not include the labor cost of preparing the standards necessary, the sample prep labor cost, or the sample processing labor cost. It does include CAL Lab Tech labor cost for dealing with mechanical maintenance as well as the cost of all consumables. -- If results look abnormal, we will analyze the sample at no additional charge.

14720: Soil Health Lab analysis fee

This fee is for the various analysis (individual and analysis packages) performed by the OSU Soil Health Lab. The fee includes simple to complex analysis with costs from \$.50 to \$215. A full list of the analyses performed and their prices is available at <http://cropandsoil.oregonstate.edu/cal>

Amount: \$0.50 - \$215.00/test**Index:** AGD887**Activity Code:****Updated:** 3/24/2022 by Natasha Gaspar**Cereal Grain Testing****15040: Agronomic Testing**

Designing, planting, maintenance, note-taking, harvesting and analysis of trials that test agronomic treatments (fertilizer, fungicides, pesticides, etc.). The fee covers a minimum of four (4) replications. Minimum of four (4) treatments per trial and the trial must include a control (or zero treatment). The fee is charged for the control treatment.

Amount: \$1,100.00/treatment**Index:** ACS450**Activity Code:** AADN**Updated:** 2/17/2022 by Madelynn Wang**Potato Late Blight Project**

Applicability: Includes all land, labor, equipment, irrigation, harvest and processing charges.

9927: Potato Late Blight Evaluations

Evaluation for late blight resistance at both the foliar and tuber level. Rate per seed piece includes seed planted, cut, harvested and evaluated at an average time of 60 minutes per seed time. Range in cost per seed piece depends on personnel involved due to complexity.

Amount: \$11.00 - \$26.00/seed piece**Index:** ACS532**Activity Code:** AYLM**Updated:** 3/3/2022 by Madelynn Wang**Seed Certification**

Applicability: FFA & 4-H Club Seed Certification projects less than 1 acre at no charge.

1474: Crop Inspection: Beans, Chickpea, Sunflower, Hybrid Annual Rape/Type Canola

In addition to the per acre fee, late sign-up fees will be assessed as follows: \$37.50/field for 1-50 acres; \$0.75/acre for 51+ acres. See deadlines in the Certification Handbook at seedcert.oregonstate.edu/crop-information.

Amount: \$4.90/acre**Index:** ACS002**Activity Code:****Updated:** 4/7/2022 by Jodi Keeling**1481: Minimum Charge Crop Inspection fee**

Minimum sign-up fee per acre.

Amount: \$50.00/Application**Index:** ACS002**Activity Code:****Updated:** 4/7/2022 by Jodi Keeling

1486: Re-sample Poundage fee for Grass & Legumes

Re-sample poundage fee per lot cwt (per 100 weight) if greater than \$20.00. Minimum charge of \$20.00 per re-sampled lot. If sampling is requested and the seed lot is not ready or accessible when the sampler arrives, a \$50.00 fee will be assessed.
Amount: \$0.07/cwt or minimum \$20/lot **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

1473: Crop Inspection: Grass & Legume

Acreage fee for crop inspections. In addition to the per acre fee, late sign-up fees will be assessed as follows: \$37.50/field for 1-50 acres; \$0.75/acre for 51+ acres. See deadlines in the Certification Handbook at seedcert.oregonstate.edu/crop-information.
Amount: \$3.90/acre **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

1538: Seed Stock or Modified Land History Inspection

Additional fee per field: \$65.00 for seed stock fields 0-15 acres; \$130.00 for fields 16-30 acres; \$195.00 for fields 30+ acres. Modified Land History \$65.00; fields requiring added inspections due to late sign-up will be assessed an additional \$50.00 fee. See deadlines in the Certification Handbook at seedcert.oregonstate.edu/crop-information.
Amount: \$65.00 - \$195.00/field **Index:** ACS002 **Activity Code:** **Updated:** 6/13/2022 by Jodi Keeling

10341: Corn Inspection

\$60 for 1st acre. Additional \$15.00/acre. In addition to the per acre fee, a late sign-up fee of \$35/field will be assessed for applications received after the deadline. See deadlines in the Certification Handbook at seedcert.oregonstate.edu/crop-information.
Amount: \$60.00/1st acre **Index:** ACS002 **Activity Code:** TCER **Updated:** 4/7/2022 by Jodi Keeling

10576: Special Projects-Inspections-Audits

Special Projects-Inspections-Audits
Amount: \$70.00/Hour **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

10597: Early Sampling Fee

Fee for Early Sampling per field.
Amount: \$75.00/each field **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

10600: Mint Field Production

Field production. \$300 minimum per grower for first acre and \$42 for each additional acre. In addition to the per acre fee, a late sign-up fee of \$60.00 will be assessed for applications received after the deadline. See deadlines in the Certification Handbook at seedcert.oregonstate.edu/crop-information.
Amount: \$300.00/first acre/\$42 each additional acre **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

10973: OECD Annual Ryegrass Early Tagging Program Inspection

Additional charge per acre for request to have field inspected as part of the OECD ARG Early Tagging Program.
Amount: \$3.50/Acre **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

10974: Potato PVY Sampling Service

Sample from potato plants/tubers to send to outside lab to test for PVY disease.
Amount: \$32.00/Sample **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

11234: Transfer Certificate Fee

This fee is to pay for the services provided to companies when they want to move seed based on a "transfer certificate" rather than Certification tags. The companies that request tags are charged per cwt fees but there are some specific crops that tags are generally not requested so this fee would replace the per cwt for those crops i.e. corn, alfalfa, small grains.
Amount: \$15.00/Lot **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

12025: Potato Leaf sampling and mailing fee

Leaf sampling & mailing fee, \$2.45 per ELISA sample (up to 5 leaves per sample). Minimum \$60 per lot. \$50 late fee applies if submitted after July 30.
Amount: \$2.45/sample **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

12026: Potato - Inspection of Uncertified Fields

Uncertified field inspections to establish Seed Farm eligibility. \$6/acre; \$40 minimum; \$50 late fee after June 15.
Amount: \$6.00/acre **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

12027: Pre-printed Tags

Pre-printed tags on seed containers. \$.03/tag; \$30 minimum.
Amount: \$0.03/tag **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

16065: Crop Re-inspection OR Seedling Re-inspection

Re-inspection of field after initial inspection or crop inspection has been conducted. A late fee of \$25.00 will be assessed, if the re-inspection is signed up after the date specified on the rejection notice.
Amount: \$39.00/field **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

16066: Seedling Inspection OR Establishing Crop History

Seedling Inspection OR Establishing Crop History. In addition to the per field fee, late sign-up fees will be assessed as follows: \$20.00/field for all crops except small grains if application is received 61-120 days after planting; \$50.00/field for 45+ days after planting for small grains or 121+ days after planting for all other crops. See deadlines in the Certification Handbook at seedcert.oregonstate.edu/crop-information.

Amount: \$47.00/field **Index:** ACS002 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

16084: Pre-Variety Germplasm Increase Inspection

Inspection for the increase of Pre-Variety Germplasm

Amount: \$4.50/acre **Index:** ACS002 **Activity Code:** **Updated:** 4/7/2022 by Jodi Keeling

Seed Laboratory

Purpose: Unless otherwise stated, prices are for standard number of seeds tested according to testing rules. Testing of non-standard number of seeds is prorated accordingly.

Customers are invited to request an examination of any specified quantity of seeds/mulch/etc. for specific contaminant(s). This could be anything from looking for weed seeds, to larvae, to ergot, etc. Fee agreed upon with customer prior to service.

A request for Priority or Same Day Service will be charged an additional fee of three times the current hourly rate. A request for Rush Service (24-48 hour turnaround) will be charged an additional fee of two times the current hourly rate.

2297: Crop and/or Weed Exam; Complete Other Seed Determination

Crop and/or Weed Exam; or the ISTA equivalent: Complete Other Seed Determination in a sample size of 25,000 seeds. Sample sizes larger than 25,000 seeds will be pro-rated based on this amount. Price varies by species (see detailed price list at seedlab.oregonstate.edu/testing-services/testing-fees). A 10% discount will be offered if a standard crop & weed exam is requested at the same time as the purity test (no discount for larger sample sizes).

Amount: \$76.00 - \$94.00/sample **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

2299: Undesirable Grass Seeds (UGS) Exam

Bulk examination of 25,000 seeds for undesirable grass seeds (UGS). A 10% discount will be offered if the UGS exam is ordered at the same time as purity test.

Amount: \$74.00 - \$82.00/sample **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

2309: Endophyte Seed

Immunoblot assay - 100 seeds

Amount: \$140.00/Test **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

2324: Pest & Disease OR Soil and/or Ergot OR Noxious Weed Exam OR Clearfield Wheat Bioassay

Determine the percentage of the "Clearfield" trait (a herbicide tolerant trait) in seeds; OR Dry seed inspection of a sample size of approximately 25,000 seeds for pests & diseases; OR Search for soil and/or ergot in a sample of 25,000 seeds; OR Bulk examination of 25,000 seeds for all-states and federal noxious weed seeds (excluding Hawaii, Undesirable Grass Seeds, Orobanche spp., & Striga spp.).

Amount: \$68.00/sample **Index:** AGD015 **Activity Code:** ASHA **Updated:** 4/14/2022 by April Cummings

2325: Vigor Test

Seed vigor test (cold test, accelerated aging, conductivity, etc).

Amount: \$74.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

2327: Grow-out Ryegrass

400 Seeds planted directly into the greenhouse OR Grow-out of fluorescing (in perennial ryegrass) or non-fluorescing (in annual ryegrass) seedlings, for species identification based on plant morphology. Fluorescence levels over 10% will incur hourly charges (see fee 9523).

Amount: \$240.00/sample **Index:** AGD015 **Activity Code:** AGRM **Updated:** 4/14/2022 by April Cummings

2329: Ryegrass VFL Determination

Determination of variety florescence level (VFL) of perennial ryegrass or annual ryegrass. Lower fee is for perennial ryegrass (add \$150 for annual ryegrass). Price includes the three lots required by AOSCA. Additional lots are accepted (see fee 2330).

Amount: \$1,110.00 - \$1,260.00/test **Index:** AGD015 **Activity Code:** AGRM **Updated:** 4/14/2022 by April Cummings

2330: Additional VFL Lot

Additional lot for variety florescence level (VFL) test. The first 3 lots are included in the price of the VFL test (fee number 2329).

Amount: \$150.00/sample **Index:** AGD015 **Activity Code:** AGRM **Updated:** 4/14/2022 by April Cummings

2331: Moisture Test

Determination of moisture content in seeds using the oven method.

Amount: \$45.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

2332: 1000 Seed Weight Test

Determine the weight of 1000 pure seeds, and calculate the number of seeds per pound.

Amount: \$33.00/test **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

2349: Mill Check Test

Minimum of 1/2 hour. Modified purity test requested by seed cleaners to determine initial quality in order more accurately set their cleaning equipment. Minimum of 1/2 hour would be for an approximate sample size of 2500 seeds of a relatively pure, large-seeded sample. Fee increases based on the testing time at our current hourly rate (see fee 9523). Testing time depends on requested sample size, quality (i.e. level of pure seed), and type/complexity of species.

Amount: \$68.00/hour **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

2383: Conversion of Reports to/from AOSA/EC

Fee depends on type of seed, which determines how much additional testing is required according to testing rules (e.g. minimum of \$42 is for conversions not requiring additional purity testing; maximum of \$110 is for bentgrass conversion to AOSA/EC). See detailed pricelist at seedlab.oregonstate.edu/testing-services/testing-fees.

Amount: \$42.00 - \$110.00/Report **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

9102: Soil Seed-Bank

Find and identify all species of seeds, including invasive species, in a soil sample.

Amount: \$180.00/sample **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

9523: Hourly Charge for Special Projects

This fee is for one hour of Seed Lab labor. The specific amounts are: Senior Researcher \$89/hr, Microbiologist \$69/hr, Seed Analyst \$59/hr, Admin support \$51/hr and Student worker \$16/hr. If materials are required for a project they will be billed at cost.

Amount: \$16.00 - \$89.00/hour **Index:** AGD015 **Activity Code:** **Updated:** 6/13/2022 by Dwight Brimley

10797: Ploidy by Cytometry

A test separating diploid and tetraploid ryegrass genotypes, or any genotypes with different chromosome numbers based on the amount of DNA in the nucleus of plant cells.

Amount: \$68.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

10800: Chemical Test

Chemical test (e.g. Fast green, Ferric chloride. and Indoxyl acetate) used to reveal mechanical injuries and physical fractures in seed coats of corn, soybeans, and other seeds.

Amount: \$30.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

10801: X-Ray

Amount: \$23.00/test **Index:** AGD015 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

9792: Seed Purities OR Broomrape Exam

Fee depends on type of seed (e.g. larger or less-complex seeds are \$49; smaller or more complex seeds are \$110). See detailed price list at seedlab.oregonstate.edu/testing-services/testing-fees.

Amount: \$49.00 - \$110.00/sample **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

9793: Seed Germinations

Fee depends on type of seed (e.g. larger or less-complex seeds are \$43; smaller or more complex seeds are \$59). See detailed pricelist at seedlab.oregonstate.edu/testing-services/testing-fees. For vegetable and flower seeds submitted January-June, provided that reporting is done on a customer-provided spreadsheet, there is a volume discount of 50% off when 50+ samples are submitted. Re-germination tests on file samples requested January-June are discounted 10%. For tree seeds submitted January-May, a 20% discount will be given. Planting in soil or compost with an evaluation for phytotoxicity will incur an additional charge of 1/4 hour at the current hourly rate.

Amount: \$22.00 - \$59.00/sample **Index:** AGD015 **Activity Code:** AGRM **Updated:** 4/14/2022 by April Cummings

10180: Grow-out of crops/weed seed contaminants found in tests

Varies by number of seeds. Minimum of \$34 for one seed. Each additional seed is \$5 up to a maximum of \$344.

Amount: \$34.00 - \$344.00/sample **Index:** AGD015 **Activity Code:** AGRM **Updated:** 4/14/2022 by April Cummings

10594: Protein, Oil or Water Analysis by NMR

Protein, Oil or Water Analysis by NMR.

Amount: \$19.00/test/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

10595: Instruction Fee for Researcher

Training Fee for Researcher to run NMR machine for Protein, Oil and Water Analysis - associated with fee listed for "Protein, Oil and Water Analysis - testing by trained Researcher (fee 10594), or other Seed Lab equipment.

Amount: \$68.00/instruction hour **Index:** AGD015 **Activity Code:** ASHA **Updated:** 4/14/2022 by April Cummings

10799: Tetrazolium Tests

Biochemical test on seeds for viability. Price depends on type of seed. All species except natives are \$37. Native species are \$78.

Amount: \$37.00 - \$38.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

10926: Fluorescence Test on Ryegrass Contaminants

Fluorescence test on ryegrass contaminants found in purity tests. Fee varies by number of seeds fluoresced. \$24 minimum up to 10 seeds. \$35 for up to 15 seeds. More than 15 seeds: \$55 maximum.

Amount: \$24.00 - \$55.00/each **Index:** AGD015 **Activity Code:** AGRM **Updated:** 4/14/2022 by April Cummings

10928: Seed Image

Minimum \$34 (1/2 hour). Digital photograph of contaminants found in a sample. Price depends on the number and nature of the contaminants, and is charged at an hourly rate of \$68/hour. No maximum cost--price is strictly based on time spent, and any image request will be accepted.

Amount: \$68.00/hour **Index:** AGD015 **Activity Code:** APUR **Updated:** 4/14/2022 by April Cummings

11372: Endophyte Tiller Test

Endophyte test on 100 tillers

Amount: \$218.00/test **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

14432: Blackleg Test

Seed pathology test: Test for Blackleg (*Phoma lingam*) on seed, incubation method.

Amount: \$105.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

15654: Potato Virus Test

Testing of potato leaves for Potato Viruses. Price per leaf sample, per virus requested.

Amount: \$2.75/leaf sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

15655: Seed Pathology Test

Price varies depending on number of tests requested for each pathogen, and the number of samples that can be tested in a kit. \$75 base price for 1 sample, plus \$20 each for 2-10 samples, or \$10 each for 11-20 samples.

Amount: \$75.00 - \$265.00/sample **Index:** AGD015 **Activity Code:** ASPT **Updated:** 4/14/2022 by April Cummings

Slug/Snail Pests and Their Management**16189: Additional Labor**

Cost for additional labor (per hour) associated with fee book activities. Rate depends on the personnel doing the work:

FRA = \$53/hr; Associate professor = \$116/hr.

Labor occurring off the OSU campus will be charged travel and per diem at cost. Material purchases required associated with labor will be charged at cost.

Amount: \$53.00 - \$116.00/hour **Index:** ACS532 **Activity Code:** AMCD **Updated:** 2/16/2022 by Madelynn Wang

16190: Molluscicide testing

Current or novel molluscicidal products can be tested in laboratory (\$500 per treatment/control per species), greenhouse (\$750 per treatment/control per species), or field (\$1,000 per treatment/control per species) settings.

Prices are per treatment/control per species and differ according to setting. Services include trial design, execution, data analysis and report delivery. Extra charge applies for travel to site: transportation (billed at actual cost) & daily per diem (billed in accordance with OSU published per diem rates.) Material purchases required associated with testing will be charged at cost.

Amount: \$500.00 - \$1,000.00/treatment/control per species **Index:** ACS532 **Activity Code:** AMCD **Updated:** 2/16/2022 by Madelynn Wang

16211: Surveys for and identification of slugs and snails

1. Surveys for pest slugs and snails. Cost is \$200 for one survey hour and includes preparing sampling kits, one survey hour, and sorting slug and snail specimens by taxonomic category. Extra survey hours (based upon the fee "Additional Labor"), travel, and per diem costs will be additional charges when applicable.

2. Identification of specimens will be performed by morphology and/or DNA. Cost is \$200 per specimen or \$1,150 for >96 specimens. Extra staff time will be charged based upon fee "Additional Labor". Extra staff time may be required for identification of cryptic species (e.g. *Arion hortensis* agg., *Arion subfuscus* agg.) or other taxa that are difficult to identify.

Amount: \$200.00/survey hour or \$1,150.00/96 specimens **Index:** ACS532 **Activity Code:** AMCD **Updated:** 2/16/2022 by Madelynn Wang

16225: Surveys for natural enemies of slugs and snails

Surveys for natural enemies of pest slugs and snails. Cost is \$300 for one survey hour and includes preparing sampling kits, one survey hour, sorting slug and snail specimens by taxonomic category, monitoring of collected slugs and snails for natural enemy emergence and natural enemy preservation. Cost is for one survey hour, extra survey hours, travel, and per diem costs will be charged and based upon the fee "Additional Labor".

Amount: \$300.00/survey hour **Index:** ACS532 **Activity Code:** AMCD **Updated:** 2/16/2022 by Madelynn Wang

16227: Identification of natural enemies of slugs and snails

Identification of natural enemy specimens performed using DNA. Cost is \$194 per specimen, or \$1,098 for 96 specimens (i.e. one full 96 well plate sent for sequencing). Extra staff time will be charged based upon fee "Additional Labor". Extra staff time may be required for identification of cryptic species or other taxa that are difficult to identify.

Amount: \$194.00/specimen **Index:** ACS532 **Activity Code:** AMCD **Updated:** 2/16/2022 by Madelynn Wang

Stable Isotope Research Unit**2589: Sample Weighting and Encapsulation**

e.g FAME Analysis

Amount: \$2.00/Each **Index:** ACS532 **Activity Code:** AMYR **Updated:** 4/14/2022 by April Cummings

2594: Grinding for Solid Samples

Sample grinding

Amount: \$3.00/each **Index:** ACS532 **Activity Code:** AMYR **Updated:** 4/14/2022 by April Cummings

Environ & Molec Toxicology**Antisense Oligonucleotide Development and Testing****15753: Antisense Oligonucleotide Development and Testing**

The cost per assay will be a function of antisense test materials (2 per target gene), test cell lines (2 per target gene), study length, degree of quality assurance oversight required and analytical methods used for study. Test costs include design, obtaining and maintaining test reagents and cell lines, development of test protocols, conducting range-finder tests with comparative drug (standard of care), antisense delivery optimization, and conducting definitive analytical studies. Atypical circumstances can lead to additional costs for alternative antisense materials, cell lines and delivery tools.

Amount: \$6,300.00/target gene **Index:** ATX058 **Activity Code:** AMAR **Updated:** 4/7/2022 by YunLan Liao

Biochemical Analysis**11524: Residue Analysis**

Colorimetric test kit for testing onion pungency or sweetness. Test kit includes reagents and apparatus to perform assay in the field or laboratory. In-house third party verification of samples may also be included based on the test kit. Please contact the FSES laboratory (fses.oregonstate.edu) for pricing and availability. The cost ranges from \$100 to \$1,000 each

Amount: \$100.00 - \$1,000.00/test **Index:** ATX028 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

14228: Silicone Wristband Analysis

Silicone passive sampling wristbands for personal exposure monitoring of a variety of chemical compound classes. Samplers are internally calibrated for target compounds. Pricing does not include sample processing and analysis. Please contact the FSES laboratory (<http://fses.oregonstate.edu/methods/fee-schedule>) for pricing and availability.

Amount: \$100.00 - \$1,000.00/test **Index:** ATX028 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

14229: Surrogate Reference Materials

Surrogate reference materials of real world chemical mixtures found in food and the environment. Price based on complexity and volume of material. Material includes certificate of analysis. Please contact the FSES laboratory (<http://fses.oregonstate.edu/methods/fee-schedule>) for pricing and availability.

Amount: \$100.00 - \$1,000.00/test **Index:** ATX028 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

14239: Sample Archival Storage

Long term secure sample archival and storage condition documentation. Pricing based on type of sample and duration of archive period. Pricing will be quoted prior to sample receipt. Please contact the FSES laboratory (<http://fses.oregonstate.edu/methods/fee-schedule>) for pricing and availability.

Amount: \$100.00 - \$1,000.00/sample **Index:** ATX028 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16034: Chemical Analysis III

The sample analysis cost will be dependent on analytes to be measured (pesticides, PAHs, OPAHs, flame retardants, VOCs, PCBs, etc) and will include the cost of preparation of the passive sample device (silicone or LDPE). See fses.oregonstate.edu/methods for a list of current methods. Labor will be charged based upon who does the work. Rates are: Program Director - \$214/hour; Assistant Director - \$102/hour; Lab Manager - \$91/hour; Research Associate - \$90/hour; Senior FRA - \$86/hour; FRA - \$72/hour; and Student - \$19/hour. Supplies will be billed separately. Costs will be disclosed to customer prior to initiation of analysis.

Amount: \$19.00 - \$214.00/hour **Index:** ATX028 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

EMT Natural Products Testing**16033: Cannabinoids**

Cannabinoid testing in hemp and hemp products

Amount: \$73.00/sample **Index:** ATX063 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16035: Method and project development and consultation

Durringer Lab to provide technical support, analytical chemistry analyses and/or assessment of data for projects relating to food safety and/or natural toxicants.

For internal customers, Faculty Research Assistant = \$59/hour; Faculty = \$95/hour. The client is advised of the fee prior to any commencement of work.

Amount: \$59.00 - \$95.00/hour **Index:** ATX063 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16048: Method development

Development and validation of methods via HPLC, LC-MS, GC-MS and other appropriate analytical chemistry instrumentation.

Charges will be based on the amount of method development and validation needed, number of analytes to be measured and matrices involved. Costs will be disclosed to the customer prior to beginning analyses.

Amount: \$259.00/hour **Index:** ATX063 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16166: Natural Product Testing labor charges

Hourly fee rate for Natural Products Testing. Lab director \$99/hour, Lab technician 1, \$71/hour, Lab technician 2 \$62/hour. Student labor from \$16-\$18/hour.

Amount: \$16.00 - \$99.00/hour **Index:** ATX063 **Activity Code:** ATJD **Updated:** 4/7/2022 by YunLan Liao

Endophyte Assays**4719: Ergovaline testing**

Ergovaline testing in Endophyte-infected Tall Fescue. Due to price range, cost will be disclosed to customer before analysis begins.

Amount: \$75.00 - \$200.00/test **Index:** ATX030 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

4720: Express Ergovaline

This fee is for an express analysis for ergovaline

Amount: \$36.00/sample **Index:** ATX030 **Activity Code:** **Updated:** 4/8/2022 by YunLan Liao

4721: Lolitrem B testing

Lolitrem B testing in Endophyte-infected Perennial Ryegrass. Due to price range, cost will be disclosed to customers before analysis begins.

Amount: \$75.00 - \$200.00/test **Index:** ATX030 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

4722: Express Lolitrem B

This fee is for an express analysis for Lolitrem B

Amount: \$36.00/test **Index:** ATX030 **Activity Code:** **Updated:** 4/8/2022 by YunLan Liao

10277: Ergot-forage

Ergot alkaloid testing in forage (grass, straw and other materials).

Amount: \$130.00/sample **Index:** ATX030 **Activity Code:** **Updated:** 6/13/2022 by YunLan Liao

15031: Ergot Pellet Test

Ergot alkaloid testing in pellets derived from plant products.

Amount: \$122.00/test **Index:** ATX030 **Activity Code:** **Updated:** 4/8/2022 by YunLan Liao

15944: Sample handling for domestic samples

Samples shipped to us wet must be processed through a freeze dryer in order to be suitable for testing.

Amount: \$16.00/sample **Index:** ATX030 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

15991: Sample handling for international samples

Samples must be opened and handled with additional precautions if they originate outside of the United States of America.

Amount: \$27.00/sample **Index:** ATX030 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16039: Chromatograph fee

Chromatograph usage charge in Endophyte Lab.

Amount: \$25.00/use **Index:** ATX030 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16090: Endophyte lab labor charges

Hourly fee rate for Endophyte Service Laboratory.

Lab director \$99/hour, Lab technician 1, \$71/hour, Lab technician 2 \$62/hour.

Student labor from \$16-\$18/hour.

Amount: \$16.00 - \$99.00/hour **Index:** ATX030 **Activity Code:** ATJD **Updated:** 4/7/2022 by YunLan Liao

Environmental Chemical Analysis**9303: Chemical Analysis I**

Charges based on the complexity of the analytical process. Activity based accounting will include such factors as, number of metabolites and method of development, which will be used in establishing the fee.

Amount: \$8,000.00 - \$16,000.00/test **Index:** ATX028 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

Flow Cytometer**15541: Flow Cytometry Analysis**

Instrument Use (FC500 or CytoFLEX): \$75 per laser hour for internal customers, 0.5 hr minimum

Amount: \$75.00/laser hour **Index:** ATX053 **Activity Code:** AKER **Updated:** 4/7/2022 by YunLan Liao

15542: Flow Cytometry user training

User training on FC500 or CytoFLEX: \$100 per hour for internal customers. Training typically last 2-3 hours. Investigators will run their own samples during the training session

Amount: \$100.00/hour **Index:** ATX053 **Activity Code:** AKER **Updated:** 4/7/2022 by YunLan Liao

15543: Flow Cytometer cell sorting

Instrument Use (includes operator time). \$125 per laser hour for internal customers, 1.0 hr minimum . Reduced fees may apply for initial pilot study

Amount: \$125.00/laser hour **Index:** ATX053 **Activity Code:** AKER **Updated:** 4/7/2022 by YunLan Liao

15544: FC500 Flow Cytometer operator-assisted instrument use

Operator-assisted instrument use . \$125 per hour for internal customer

Amount: \$125.00/hour **Index:** ATX053 **Activity Code:** AKER **Updated:** 4/7/2022 by YunLan Liao

Mycotoxin Analysis**11710: Mycotoxin Testing**

Cost for analysis of mycotoxins will depend on detection system used (HPLC-fluorescence, LC-MS/MS, LC-TOF), complexity of sample matrix (water, soil, plant, biological) and number of components analyzed. Costs will range from \$75-\$2,000/sample, and will be disclosed to customer prior to beginning analysis. Contributing to OSU Mission of Public Service. Customers requested this service.

Amount: \$75.00 - \$2,000.00/each **Index:** ATX046 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

Nitroaromatics**10303: Nitroaromatics Testing**

Analysis of water, soil, plant, and rumen fluid for nitroaromatic compounds. Cost of nitroaromatics analysis depends on detection system used (HPLC-UV and/or LC-MS/MS), complexity of sample matrix (water, soil, plant, rumen fluid) and number of components analyzed. Cost will be disclosed to customer prior to beginning analysis.

Amount: \$265.00 - \$2,000.00/Each **Index:** ATX045 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

Technical Support, Environmental Toxicology Analysis, and/or Risk Assessments

Applicability: Provided by the Department of Environmental and Molecular Toxicology to the public upon request. Price will be agreed upon with the client prior to the start of the project.

15276: Toxicology training and consulting services

Provide expert consulting and training services in human and environmental toxicology

Amount: \$169.00/hour **Index:** ATX057 **Activity Code:** AJEN **Updated:** 4/7/2022 by YunLan Liao

15799: School IPM Planning Fee

Develop a participatory Integrated Pest management (IPM) plan designed to enable schools to comply with lawful requirements and increase IPM implementation. Fee is per plan at a variable cost. The variability is due to the difference in salary and OPE of the individual who works on the plan, the number of trips taken, and the hours needed to complete the plan and work with school officials in support of the school's IPM Coordinator. The cost will be disclosed to the customer prior to the beginning of the plan and the scope of work with the associated deliverables will be provided.

Amount: \$1,393.00 - \$7,729.00/Plan **Index:** ATX123 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

15829: Pesticide Risk Education for Worker Protection Fee

Provide participatory education and training designed to protect workers from risks of pesticide exposure. Fee is per session at a variable cost. The variability is due to the difference in salary and OPE of the individual who works on the session, the number of trips taken, and the hours needed to complete the session. The cost will be disclosed to the customer prior to the beginning of the session and a scope of work with associated deliverables will be provided.

Amount: \$317.00 - \$14,454.00/Session **Index:** ATX123 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

15830: Low Impact Pesticide List Fee

Evaluate one or more pesticide products for compliance with Oregon's School IPM Law (ORS 634.700-750). Fee is per product at a variable cost. The variability is due to the difference in salary and OPE of the individual who performs the evaluation and the hours needed to research, create, and complete the evaluation. The cost will be disclosed to the customer prior to the beginning of the list and the scope of work with the associated deliverables will be provided.

Amount: \$122.00 - \$1,783.00/product **Index:** ATX123 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

15975: Pesticide Course Services for Extension

Fee for services to CAS Extension faculty providing pesticide licensing re-certification credits to Oregon licensees, including development of web-based registration for pesticide events/courses, submission of ODA participant verification documents, and marketing of events/courses via calendars and bulk mailings. Fee based on hourly rate of Technical Manager @ \$66/hour and Outreach Coordinator @ \$32/hour, plus materials/printing/postage at cost. Fee to be negotiated with client prior to service.

Amount: \$32.00 - \$66.00/Hour **Index:** ATX123 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

16000: Pesticide Risk Assessment & Planning

Provide expertise/consulting services pertaining to pesticide related risk reduction in human health and environmental risks, beyond the scope of regular duties. Services may include: Evaluate client needs and policies; Evaluate individual pesticide products or ingredients, comparing to agency/organizational policies. For example, should a City government allow the use of a certain herbicide, when city policies require specific risk/alternative criteria. This may involve consulting on development/revision of municipal plans, tailored for reduced-risk pest management. Any travel, services, or supply expenses will be billed to the customers at cost. The fee range represents the hourly rate for the two associate professors doing this work. Estimated cost of service Charge will be discussed with client prior to service.

Amount: \$85.00 - \$100.00/hour **Index:** ATX123 **Activity Code:** **Updated:** 4/7/2022 by YunLan Liao

16131: Cytochrome P450 Gene Function, Assay Development and Consulting Services

Provide expert consulting and training services in the characterization of Cytochrome P450 gene structure, expression and function.

For internal fee book, the fee is \$176 per hour for Professor's labor and \$65 per hour for Assistant Professor's labor plus actual supply cost. Fee details will be disclosed prior performing the service.

Amount: \$65.00 - \$176.00/hour **Index:** ATX057 **Activity Code:** AMAR **Updated:** 4/14/2022 by April Cummings

16274: Generic labor only fee for EMT with UG fund

Generic labor only fee for an EMT employee's time. Please see rate per hour details below: Academic wage hourly \$45, Academic wage salaried \$94, Assistant professor \$89, associate professor \$99, FRA \$56, Lab manager \$83, Postdoc scholar \$48, Professor \$145, Program coordinator \$63, Research associate 76, Senior FRA 76, GRAs' fee is from \$62-\$64 per hour, and student is from \$15-\$17 per hour. Material and travel, if required, will be billed separately at cost

Amount: \$15.00 - \$145.00/hour **Index:** ATX026 **Activity Code:** **Updated:** 6/13/2022 by YunLan Liao

16275: Generic labor only fee for EMT with DEs Ops fund

Generic labor only fee for an EMT employee's time. Please see rate per hour details below: Academic wage- hourly \$52, Academic wage - salaried \$109, Assistant professor \$103, Associate professor \$115, FRA \$65, Lab manager \$96, Postdoc scholar \$55, Professor \$168, Program coordinator \$73, Research associate \$88, Senior faculty research assistant \$88, GRA range from \$71-\$75, hourly student range from \$17-\$19. Material and travel, if required, will be billed separately at cost

Amount: \$17.00 - \$168.00/hour **Index:** ATX057 **Activity Code:** **Updated:** 6/13/2022 by YunLan Liao

Trace Organic Analysis

Purpose: The fee charged will be based on the personnel, instrumentation, material and analytical method requirements.

Applicability: The sample analysis costs will be dependent on the analyte to be measured, matrix and the availability of analytical methods and instrumentation for the analysis.

16285: Environmental Samples

The cost per analysis will be a function of the type of analyte and sample to be analyzed. The cost of analysis also will depend on whether the analysis is already developed and being used in the laboratory or whether new methodology needs to be developed. The fee charged will then be based on estimates of analyst time, materials. Costs will be disclosed to the customer prior to beginning the analysis

Amount: \$634.00 - \$1,951.00/analysis **Index:** ATX031 **Activity Code:** **Updated:** 6/13/2022 by YunLan Liao

Fisheries and Wildlife**Fish Collection Museum****2441: Radiographs**

Specimen and film plate placement in the radiographic chamber, operation of the x-ray machine, darkroom development of the radiographic plate. Fee is determined by labor/hour plus the number of plates. Hourly rate depends on the technician performing the work. Undergraduate assistants: \$15/hr. Curators: \$55 to \$82/hr. Film charged at cost (\$5/plate).

Amount: \$15.00 - \$82.00/Hour + \$5/plate **Index:** AGD058 **Activity Code:** ABLS **Updated:** 3/9/2022 by Angela Born

2469: Fish Curation

Identification and cataloging of materials will be charged by the hour and determined by the technician performing the work: Undergraduate assistants: \$15/hr. Curators: \$55 to \$82/hr. Technician performing the work is determined by the extent of specimen information provided by client and expertise required to perform the work. Materials and supplies will be billed at cost, as prices for jars and preservative depend upon the physical size of the specimens to be curated.

Amount: \$15.00 - \$82.00/Hour **Index:** AGD058 **Activity Code:** ABLS **Updated:** 3/9/2022 by Angela Born

2470: Fish Identification

Hourly rate for live or preserved specimen identification, field collection, presentations, and/or leading workshops. Necessary materials and supplies to be provided by client, or billed to client at cost. Labor charged at \$55 to \$82/hr, depending on the salary and expertise of the curator providing the identification.

Amount: \$55.00 - \$82.00/hour **Index:** AGD058 **Activity Code:** ABLS **Updated:** 3/9/2022 by Angela Born

10786: Ash-Free Dry Biomass Measurements

Biological materials (3.g., leaf packs or invertebrates) will be weighed in batches, dried in research grade oven and weighed on a fine resolution microbalance. Materials will be burned and weighed again to obtain ash-free dry mass.

Amount: \$44.00/dry mass sample **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

10787: Identification of Benthic Stream Invertebrates

Macroinvertebrates will be sorted and identified using research quality dissecting microscopes. If samples have >750 organisms, they will be subsampled such that approximately 500 invertebrates/sample are identified. These estimates assume aquatic invertebrates will be identified to at least family, preferably genus level. Chironomidae will be identified to tribe. Non-insectan taxa will often be identified to coarser levels. A surcharge of \$30 will be charged to identify Chironomidae to the genus level.

Amount: \$343.00 - \$373.00/500-organism sample **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

11847: Higher Resolution Identification of stream macroinvertebrates

Higher Resolution Identifications of stream macroinvertebrates in previously processed samples. Identification, enumeration & data entry will be done by a Senior Research Assistant at Oregon State University, Dept. of Fisheries & Wildlife Stream Lab who holds a Master's Degree in Fisheries Science (OSU).

Amount: \$2.73/individual identified **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

11856: Fish Diet Invertebrate Samples with dissection

Rates are calculated for 100 samples. Identification, measurements & data entry will be made by a Faculty Research Assistant at Oregon State University, Dept. of Fisheries & Wildlife Stream Lab. Identification will be made using research quality dissecting microscopes. Taxonomic resolution to be negotiated with the client. These estimates assume aquatic and terrestrial invertebrates will be identified at least to order, often family level, depending on condition of diet items; Diptera requiring greater resolution to classify as aquatic will be identified if condition of prey permits. Length of prey head capsules, and/or intact bodies will be measured for client to use in calculations of length weight regressions. This fee will be used if dissection of the fish is necessary for identification.

These estimates are based on our experience with salmonid diet in the southern Cascades and Coast Range of Oregon. If diet samples from other locations or other fish species vary from expectations, we will discuss modifying these fees to accommodate the laboratory effort required.

Amount: \$93.28/sample **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

11858: Detailed identifications for aquatic environments that have not been encountered by our lab

This fee is a surcharge that may be added to the Higher Resolution Identification or Fish Diet fees for samples brought in from watersheds outside the Southern Cascades or Coast Range of Oregon. Since these watersheds are outside the range of experience for our labs, additional laboratory effort is necessary to prepare and analyze the samples. The fee is based on an hourly rate and will vary depending on the complexity of the analysis. An estimate of the number of hours needed will be given at the time the samples are presented.

Amount: \$42.00/hour **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

14261: Measuring biomass and identifying Benthic stream invertebrates

Each sample will be split into halves. One half will be used to measure ash free biomass of invertebrates. For the other half, macroinvertebrates will be sorted and identified using research quality dissecting microscopes. If samples have >750 organisms, they will be subsampled such that approximately 500 invertebrates/sample are identified. These estimates assume aquatic invertebrates will be identified to at least family, preferably genus level. Chironomidae will be identified to tribe. Non-insectan taxa will often be identified to coarser levels.

Amount: \$584.00/Benthic Sample **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

14313: identifying adult invertebrates from emergence, pit fall, flight-intercept or malaise traps

Macroinvertebrates will be sorted and identified using research quality dissecting microscopes. These estimates assume approximately a week-long collection period. EPT's will be identified to at least family, preferably genus level. When possible, others orders will be identified to the level necessary to identify aquatic or terrestrial origin.

Amount: \$39.00 - \$298.00/Sample **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

14314: Identifying items from bird diet samples

Diet items will be identified using research quality dissecting microscopes. Arthropods will be identified to order. When possible, arthropods will be identified to genus or finer resolution. Seeds will also be identified when possible.

Amount: \$75.00/Bird Diet Sample **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

14587: Invertebrate Data Analysis and Reporting

Data will be analyzed and/or reports will be written by a Senior Research Assistant at F&W Stream Lab.

Amount: \$42.00/Hour **Index:** AGD058 **Activity Code:** AJLL **Updated:** 3/9/2022 by Angela Born

14982: Waterbird Colony Census-Terrestrial

Count number of breeding pairs per breeding colony of colonial piscivorous waterbirds based on counts from land or water.

Amount: \$650.00/colony **Index:** AGD058 **Activity Code:** ADR2 **Updated:** 3/9/2022 by Angela Born

14983: Waterbird Colony Census-Aerial

Count number of breeding pairs per breeding colony of piscivorous colonial waterbirds based on oblique aerial photography. Survey and counting is charged at \$1,500 per colony and colony imaging only is \$250 per colony. Additional flight time and personnel time may be added given the location and size of the colony, additional hour of personnel time is \$75 and additional hour of flight time is \$378.

Amount: \$75.00 - \$1,500.00/Colony **Index:** AGD058 **Activity Code:** ADR2 **Updated:** 6/23/2022 by Natasha Gaspar

15181: CLEARING AND STAINING

Specimen preparation, labeling, clearing of muscle tissue, staining and counterstaining for bone and cartilage with alizarin red and alcian blue. Hourly rate depends on the technician performing the work. Undergraduate assistants: \$17/hr. Curators: \$72-\$114/hr. Materials and supplies will be billed at cost, as quantities of the needed chemicals depend upon the physical size of the specimens to be cleared and stained.

Amount: \$17.00 - \$114.00/hour **Index:** AGD058 **Activity Code:** ABLS **Updated:** 6/1/2022 by Angela Born

15540: Specimen Photography

Specimen photography in an immersion tank, including photo editing, background cleanup and addition of scale bar. Hourly rate depends on the technician performing the work. Undergraduate assistants: \$15/hr. Curators: 55 to \$82/hr. Materials and supplies will be billed at cost.

Amount: \$15.00 - \$82.00/hour **Index:** AGD058 **Activity Code:** ABLS **Updated:** 3/9/2022 by Angela Born

15722: Remote Colony Census - Aerial

Count number of breeding pairs per breeding colony of piscivorous colonial waterbirds based on oblique aerial photography.

Amount: \$2,100.00/colony **Index:** AGD058 **Activity Code:** ADR2 **Updated:** 3/9/2022 by Angela Born

Wildlife Services**11634: Sex identification of mammals from fecal samples**

Sex identification of mammals from fecal samples. Minimum of 10 samples per test.

Amount: \$24.00/sample **Index:** AFW105 **Activity Code:** ACE2 **Updated:** 3/9/2022 by Angela Born

11635: DNA Sequencing

Mitochondrial DNA Sanger Sequencing (both directions, per attempt) for species ID (16S ribosomal) or control region (D-LOOP). Will amplify (via PCR), clean, and sequence DNA extracts and return a consensus sequence for gene of interest, with species identified as appropriate. Sequencing will be conducted at the OSU Center for Genome Research and Biocomputing. Will also provide DNA extractions as necessary (for additional fee, #11636). Cost for Exosap cleaning and sequencing is \$34, cost for Qiagen gel extraction and sequencing is \$38.

Amount: \$34.00 - \$38.00/based on type of sample processing
Index: AFW105 **Activity Code:** ACE2 **Updated:** 3/9/2022 by Angela Born

11636: DNA Extraction

Extracted DNA from sample. The cost of the test is \$11 per sample from tissue sample and \$16 per sample from Fecal sample. For either type there is a minimum charge of 12 samples.

Amount: \$11.00 - \$16.00/Based on type of sample submitted
Index: AFW105 **Activity Code:** ACE2 **Updated:** 3/9/2022 by Angela Born

12061: DNA Metabarcoding

Multi-source bulk DNA samples will have DNA extracted, the relevant DNA barcode genes amplified, and the appropriate DNA sequences attached for multiplex Illumina sequencing at the Oregon State University Center for Genome Research and Biocomputing. Resulting sequences can be sent directly to customer or be evaluated by the Levi lab to produce taxonomic units, or lists of taxa with the corresponding number of sequences, for each bulk DNA sample.

Amount: \$50.00 - \$100.00/sample
Index: AFW106 **Activity Code:** ATL2 **Updated:** 3/9/2022 by Angela Born

14650: Environmental DNA Detection and Quantification

DNA extraction, qPCR or Digital Droplet PCR using labeled probes. User may need to purchase or supply new primers. Supplies, materials and internal OSU testing services are charged to the customer at cost.

Amount: \$50.00/Sample
Index: AFW106 **Activity Code:** ATL2 **Updated:** 3/9/2022 by Angela Born

15157: Sex identification of mammals from blood or tissue samples

PCR-based sex identification of mammalian or avian species from blood or tissue samples. Includes DNA extraction and two PCR replicates for verification. Minimum of 10 samples.

Amount: \$22.00/Sample - Blood/Tissue
Index: AFW105 **Activity Code:** ACE2 **Updated:** 6/13/2022 by Angela Born

15182: Genotyping of mammal feces or tissue

Genotyping of mammalian feces or tissue using microsatellite loci. Includes one panel of microsatellite loci (typically 4-9 markers), may also include sexing loci. Fecal samples extracted using Aquagenomics kit, tissue samples extracted using Qiagen tissue kit. Consensus genotypes will be generated from 2-3 replicates, depending on source material. Depending on project goals, duplicate samples (i.e., recaptures) may be identified. Genotyping from tissue samples is \$45, fecal samples are \$54 each.

Amount: \$48.00 - \$60.00/Sample - Fecal/Tissue
Index: AFW105 **Activity Code:** ACE2 **Updated:** 4/15/2022 by Angela Born

15473: eDNA Assay Development and Testing

Develop primers to detect species with no previous primers

Amount: \$4,000.00 - \$5,000.00/Primer development
Index: AFW106 **Activity Code:** ATL2 **Updated:** 3/9/2022 by Angela Born

15801: Surveillance for *Psuedogymnoascus destructans*

DNA extraction, qPCR or Digital Droplet PCR using labeled probes

The cost would be from \$35 to \$42 depending on sample number, extraction protocol, and number of qPCR replicates necessary for the given question

Amount: \$35.00 - \$42.00/sample
Index: AFW106 **Activity Code:** ATL2 **Updated:** 3/9/2022 by Angela Born

16167: Genotyping from hair or feces

DNA extraction, amplification of SNP loci, Illumina sequencing, and bioinformatics to identify individuals. Fees vary based on the composition of the initial sample and sample size. Fee range: \$68 - \$100 based upon testing requirements. The low fee reflects genotyping of already extracted DNA with a full sample library. The moderate-low fee applies to already tubed but not extracted samples with a full sample library. The moderate-high fee applies to samples that are neither tubed nor extracted but with a full sample library. The high fee applies to samples that are neither tubed nor extracted with a smaller sample size.

Amount: \$68.00 - \$100.00/Per sample
Index: AFW106 **Activity Code:** ATL2 **Updated:** 3/9/2022 by Angela Born

Fisheries Analysis Service**2473: Blood Plasma Analysis**

Includes technical time, supplies and radiation disposal.

Amount: \$25.00/Sample
Index: AGD059 **Activity Code:** **Updated:** 3/9/2022 by Angela Born

10620: Sex Hormone (androgens, estrogens, progestins) Analysis

Variety of Sex Hormone tests including plasma concentration (with and without pre-validation, and extraction) and other steps, supplies.

1. Plasma concentration without extraction and having pre-validation = \$40.00/sample
2. Plasma concentration with or without extraction or pre-validation, and parallelism test = \$50.00/sample
3. Plasma concentration with or without extraction or pre-validation, including parallelism test, and extra extraction and tubes for Quality Control = \$55.00/sample.
4. Whole body or tissue concentration - including plasma concentration with/without pre-validation with extra step of tissue grinding = \$60.00/sample.

Amount: \$40.00 - \$60.00/sample **Index:** AGD059 **Activity Code:** **Updated:** 3/9/2022 by Angela Born

10648: Histology

Tissue preparation, embedding in paraffin block and H&E slides

Amount: \$6.00 - \$18.00/slide **Index:** AGD059 **Activity Code:** **Updated:** 3/9/2022 by Angela Born

10673: Cortisol analysis

Specific analysis - Cortisol including plasma Concentration without/with Extraction with pre-validation or validation.

1. Plasma concentration without extraction and having pre-validation = \$30.00/sample.
2. Plasma concentration with/without extraction requiring/having pre-validation, including running parallelism test = \$40.00/sample.
3. Plasma concentration with extraction and requiring validation, includes parallelism test = \$45.00/sample.
4. Whole body or tissue concentration, including homogenation and extraction steps = \$45.00/ sample.

Amount: \$30.00 - \$45.00/sample **Index:** AGD059 **Activity Code:** **Updated:** 3/9/2022 by Angela Born

10674: Gill sodium/potassium ATPase

Microtechnique gill samples

1. Microtechnique gill sample = \$20.00/sample
2. Microtechnique gill samples with low ATPase activity including additional range-finding assays and tissue extraction procedures = \$35.00/sample.

Amount: \$20.00 - \$35.00/sample **Index:** AGD059 **Activity Code:** **Updated:** 3/9/2022 by Angela Born

10989: Aquaculture

Routine aquaculture feeding, food, and cleaning: \$10.00/day/tank. Additional tank fees will be assessed based on how many times a day the fish are fed, what kind of food they are fed, how much they are fed (different types of food have different costs), whether heating or cooling water [\$5.00/day/tank], special aquaculture (e.g., juvenile or adult lamprey requiring tank substrate-special enzymes or a layer of soil in the tank) [\$7.00/day/tank], and/or separate water delivery system to tank [\$1.00/day/tank].

Amount: \$1.00 - \$33.00/Unit **Index:** AGD059 **Activity Code:** **Updated:** 3/9/2022 by Angela Born

Food Science and Technology

Brewing Lab Analysis

Purpose: The fees are intended to be applied to wineries that want additional information to aid in their product development.

Applicability: Two sample minimum charge for all analyses

1129: Spectrophotometric Analysis

(CIE L*a*b)

Amount: \$20.00/Analysis **Index:** AGD111 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

1136: Technical Procedural Training

technical procedural training

Amount: \$143.00/Hour **Index:** AGD111 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

Byproduct Utilization Laboratory

9970: High Performance Liquid chromatography - minimal assistance

\$25 – \$200/sample during method validation. Varies on amount of time required to develop method validation. Fee is based on hourly labor rate of \$42/hour, 10% Dept. admin, and 8% University admin.

Amount: \$25.00 - \$200.00/Sample **Index:** AFS054 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

Flavor Chemistry Lab Analysis

993: Fatty Acid Profile

Fatty Acid Profile

Amount: \$200.00/Sample **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

996: Sugar Profile by HPLC

Sugar Profile by HPLC

Amount: \$150.00/Sample **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

997: Organic Acid Profile by HPLC

Organic Acid Profile by HPLC

Amount: \$150.00/Sample **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

998: GC-MS Flavor Analysis

GC-MS Flavor Analysis

Amount: \$150.00/Hour **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

1000: Technical/Procedural Consulting

Flavor Chemistry technical/procedural consulting

Amount: \$150.00/Hour **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

10107: GC-MS General Analysis

Charge for GC-Mass Spec Analysis

Amount: \$150.00/Hour **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

10296: DMS Analysis

Dimethyl sulfide Analysis

Amount: \$90.00/Sample **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

10297: Beer volatile analysis

Beer volatile analysis

Amount: \$150.00/Sample **Index:** AFS053 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

Food Science Pilot Plant

Applicability: Student help (Fee is per student) - Minimum fee of 1/2 day with use prorated on an hourly basis thereafter."
 "Outside Rental of equipment - daily use charge based on individual equipment."

9968: Cabinet Dryer-Food Testing

Use of cabinet dryer for food testing in pilot plant

Amount: \$50.00/Batch **Index:** AGD041 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10106: Pilot Plant Use-Departmental-Food Testing-Basic Equip.

Charge for Departmental pilot plant use with fees to AGD041

Amount: \$30.00/Shift **Index:** AGD041 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10109: Pilot Plant Use-departmental-Food Testing-Individual Equip

Individual equipment use-pulper, etc. (plus i.e. kettles, sinks, tables, supplies)

Amount: \$150.00/Shift **Index:** AGD041 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10110: Pilot Plant Use + Large Processing Area

Includes all food testing equipment except those with their own fees. Dairy Lab Services and large processing area.

Amount: \$300.00/Shift **Index:** AGD041 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10153: High Pressure Research Unit-20 liter- departmental

Charge for use of HP 20 liter unit departmental. 1 hour minimum.

Amount: \$100.00/Hour **Index:** AGD041 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

11894: Student Help

Student employee help

Amount: \$15.00/Hour **Index:** AGD041 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

Sensory Facility and Analysis Fee

Applicability: Descriptive Panel costs will vary depending on type and number of samples, preparation time, number of replications, and number and type of analysis required."

"Costs per consumer will vary depending on recruitment difficulty, sample type (yummy vs. yucky) booth evaluation time, sample preparation, and depth of analyses. "Panelist incentive fees will range from \$5 to \$25 per consumer based on the time required by the consumer for testing and testing circumstances (for example, taste testing something that doesn't taste great.

965: Literature Search Projects

2 hour minimum. Charge is for actual time to complete the literature search.

Amount: \$53.00/Hour **Index:** AGD040 **Activity Code:** **Updated:** 3/29/2022 by Natasha Gaspar

1896: Sensory Lab use

This fee is for 8 hours for interdepartmental use of the sensory lab. The range of the fee is from \$400 to \$712 per 8 hour shift, depending on how much space is needed and what resources are used. The minimum charge will be for use of panel room only. The maximum charge will be assessed if panel room, testing booths and sensory computers are needed. Costs of basic testing materials (cups, napkins, water, etc.) are included. The total fee will be computed and discussed prior to any work being performed.

Amount: \$400.00 - \$712.00/Shift **Index:** AGD040 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

9972: Cold Room Storage

Charge for use of Cold Room for storing client food to be tested. The fee is per shelf for one month (one month minimum).

Amount: \$30.00/shelf **Index:** AGD040 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10065: Consumer panel with ballots and analyses 30-100+ panelists

Fee includes recruiting, sample preparation and report writing. The fee will range between \$30 and \$85 based on the amount of time required (complex tests will require more time). Fee doesn't include panelist incentives, which will be billed at actual costs. The total fee (including incentives) will be computed and discussed prior to any work being performed.

Amount: \$30.00 - \$85.00/consumer **Index:** AGD040 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10196: Descriptive Panel Analysis and/or Report Writing

\$60 per hourly salary/OPE for analysis and final report

Amount: \$60.00/Hour **Index:** AGD040 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

10557: Descriptive Panel - Training or Testing Sessions

The range in fees from \$400 to \$1,000 is to cover how much work, set up, number of samples, etc. per session. For example, a descriptive panel with only two juices would require minimum preparation time versus a panel on 6 red wines which would require a lot of set up, samples and references prepared in advance, difficult moderation of panel required, etc.

Amount: \$400.00 - \$1,000.00/Session **Index:** AGD040 **Activity Code:** **Updated:** 4/14/2022 by April Cummings

14638: Wine Sensory Analysis

Analysis provides descriptive information for wines under evaluation. This includes intensity ratings, sorting into similar/dissimilarities with descriptions, napping and citation by frequency. Aroma, flavor, taste and mouthful descriptors may be evaluated depending on the question being addressed. Fees include any combination of the following: Running the panel, recruitment, designing the experiment, statistical analysis, and descriptive analysis. The base fee will be \$48, increasing based on extra hours of effort needed (rates listed below) due to the amount of time required (complex tests will require more time), depth of analysis, number of samples, number of wines being evaluated, and number of people. The fee does not include panelist incentives, which will be billed at actual costs. The Total fee (including incentives) will be computed and discussed prior to any work being performed. The listed fee does not include the following items which will be billed at actual cost (if applicable): panelist incentives, transportation, lodging. If our lab is required to purchase the wine for the testing, you will be billed at actual cost. Transportation will be billed based on OSU's motorpool rate and distance to testing site. Min per 1 hour \$48, max per 1 hour \$166 (\$105 PI rate/ hour, \$48 FRA rate/hour, \$13 student rate/hour), billed based on actual hours and combination of workers.

Amount: \$48.00 - \$166.00/Hour **Index:** AFS524 **Activity Code:** AEAT **Updated:** 3/29/2022 by Natasha Gaspar

15035: Sensory Perception of Aroma Compound Interactions

Sensory perception of aroma compound interactions provide any combination of the following: running the panel, recruitment, designing the experiment, creating samples, statistical analysis, and descriptive analysis. Compound interaction fee varies depending on the amount of interactions being tested, 1-3 interactions is \$5,243 and 4+ interactions is \$14,242. The fee does not include costs of aroma compounds, which will be billed at actual cost. The total fee (including compounds) will be computed and discussed prior to any work being performed.

Amount: \$5,243.00 - \$14,242.00/Aroma Interaction Grouping **Index:** AFS524 **Activity Code:** AEAT **Updated:** 4/14/2022 by April Cummings

Horticulture**eXtension****11873: Creative and Web Services**

Create, plan, develop, host and support websites and web content. Services include custom programming, website building, design and coding of website front-end, server maintenance and security, custom content migrations into/out of databases, technical writing, photography, video editing and general support.

Amount: \$55.00/hour **Index:** AHT514 **Activity Code:** AHWB **Updated:** 3/21/2022 by Pia-Wah Sim

Horticulture Plant Propagation

Applicability: This charge is for plant materials and containers that students keep and become their possession.

12051: Oak Creek Field Trials

Field test of plants at Oak Creek. A standard block for planting is 10 feet X 100ft. Plant beds are tilled, planted, weeded, mulched, irrigated, and removed at the end of the growing season. Growing season begins in Spring and ends at the end of Fall. Full block cost \$1,500 and half block cost \$750.

Amount: \$1,500.00/Block **Index:** AGD021 **Activity Code:** AHOC **Updated:** 3/21/2022 by Pia-Wah Sim

14864: Vehicle Usage

Oak Creek Center for Urban Horticulture (OCCUH) has made available its department truck for OSU business use. Users should make reservation to use the truck and update the vehicle log with the mileage used.

Amount: \$0.50/mile **Index:** AGD021 **Activity Code:** AHOC **Updated:** 3/21/2022 by Pia-Wah Sim

15761: Entomological Growth Chamber Use Fee

This fee is for the costs associated with the use of Percival growth chambers, used for controlled entomological investigations. The growth chambers include variable settings for heat, light intensity, and humidity. Included in the fee are costs for parts and supplies, maintenance, and facility oversight. Renter will establish the experiments, operate the equipment and analyze resultant data. Fee is charged on a monthly basis may be prorated to full week of use if needed.

Amount: \$100.00/month per growth chamber **Index:** AGD418 **Activity Code:** AHVW **Updated:** 3/21/2022 by Pia-Wah Sim

16083: Turf Disease Diagnosis Service

This testing service provides turfgrass and soil disease diagnosis for submitted samples. The test determines whether fungal pathogens are present. Fees for this service is to cover cost of reagents, lab supplies, and labor cost of research assistants needed for the testing. The basic charge for this service is \$100 per sample. An optional detail analytical report service is available for an additional \$50 per report sample.

Amount: \$100.00/sample **Index:** AGD021 **Activity Code:** AHAK **Updated:** 3/21/2022 by Pia-Wah Sim

16171: Faculty Research Assistant Labor

Specific services will be tailored to each customer-institution’s needs, including, but not limited to:

- organization of documents,
- organization of group activities, and deadline enforcement,
- drafting and tracking stakeholder letters of support,
- communications to stakeholder advisory committees,
- communications to and among researchers and potential researchers,
- technical editing of multi-author documents to give the tone of one voice, and to ensure consistency of terminology, abbreviations, etc.,
- imposing standard American academic English on the writing of authors whose first language is other than English,
- contributing to proposal strategy and its expression,
- other organization and communication services as required.

Amount: \$83.00/hour **Index:** AHT514 **Activity Code:** ALJB **Updated:** 3/21/2022 by Pia-Wah Sim

16175: Flow cytometry of plant samples

A test using flow cytometry of sample with unknown genome size/ploidy level with an appropriate internal standard of known genome size included to determine total genomic DNA content of plant samples. Fee includes preparing sample for analysis and calculation of holoploid (2C) DNA content. Two analysis available: 1) \$50 per sample for analysis of DAPI-stained samples excited with UV diode, 2) \$85 per sample for analysis of PI-stained samples excited with blue laser

Amount: \$50.00 - \$85.00/sample **Index:** AGD021 **Activity Code:** AHRC **Updated:** 3/21/2022 by Pia-Wah Sim

Pollination and Apiculture

15772: Native Bee Services

This fee is to charge research effort to provide taxonomic determinations on native bee species, or to create customized bee displays, or to conduct survey of native bees, floral resources for the bees and nesting habitat. Any supplies used or travel required will be billed to the customer at cost. Estimated customer billing will be discussed before the work begins.

Amount: \$62.00/hour **Index:** AGD418 **Activity Code:** AHME **Updated:** 3/21/2022 by Pia-Wah Sim

Marine Mammal Institute

R/V Pacific Storm

15664: Pacific Storm Mobilization/Demobilization

Time Spent for mobilization, demobilization, and standby. Rate will be charged a minimum of 1 hour and up to a maximum of 12 hours per day. Anything over 12 hours for mobilization, demobilization, and standby will be charged the daily charter rates.

Amount: \$447.00/Hour **Index:** AMM003 **Activity Code:** **Updated:** 6/13/2022 by Dee Kennedy

15814: Technical Services

Technical services that include, but are not limited to, vessel engineering or modifications, consulting, voyage planning, expediting for scientific team, receiving and storing field gear, using forklift to off load and store scientific equipment, science support for assistance in deployment/recovery of gear, or installing user supplied equipment.. Such services are not considered as routine and therefore are not included in the Pacific Storm usage fees. Regular rate is \$80/hr, overtime rate is \$112/hr.

Amount: \$80.00 - \$112.00/Hour **Index:** AMM003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15815: Captain and Crew Labor

Description: Hourly labor rates for Captain and crew. Regular pay is: First Captain \$52, Second Captain \$48, Engineer \$37, Deckhand \$28. Overtime rates are: First Captain \$72, Second Captain \$68, Engineer \$51 and Deckhand \$38. These labor rates will be charged when a voyage requires more than the standard crew included in basic ship operations.

Amount: \$28.00 - \$72.00/Hour **Index:** AMM003 **Activity Code:** **Updated:** 4/5/2022 by Dee Kennedy

15827: Pacific Storm Daily Use greater than 8 hours

Pacific Storm more than 8-Hour daily use: Charter rate for use of R/V Pacific Storm for less than 8 hours. Fee includes vessel Captain, Engineer and Chief Mate. Additional crew member(s) and related expenses (ie: travel) such as a cook, etc will be billed at cost. Fuel and groceries will be billed at cost. Moorage fees, other than at Newport, Oregon is paid by user. Crane services, satellite phone calls, internet, or other OSU provided services and equipment will be billed at cost. Cruise cancellation fees will apply according to provisions of the Vessel Use Agreement.

Amount: \$7,227.00/Day **Index:** AMM003 **Activity Code:** **Updated:** 4/9/2022 by Dee Kennedy

15828: Pacific Storm Daily Fee less than 8 hours

Pacific Storm less than 8-Hour Day Use: Charter rate for use of R/V Pacific Storm for less than 8 hours. Fee includes vessel Captain, Engineer and Chief Mate. Additional crew member(s) and related expenses (ie: travel) such as a cook, etc will be billed at cost. Fuel and groceries will be billed at cost. Moorage fees, other than at Newport, Oregon is paid by user. Crane services, satellite phone calls, internet, or other OSU provided services and equipment will be billed at cost. Cruise cancellation fees will apply according to provisions of the Vessel Use Agreement

Amount: \$5,312.00/Day **Index:** AMM003 **Activity Code:** **Updated:** 6/13/2022 by Dee Kennedy

Telemetry

10247: Telonic ST-15 Whale Location Tags

Location-only satellite-monitored radio tags for whales, developed by Telonics and researchers at the Marine Mammal Institute, Oregon State University. The transmission duty cycle is programmable, and the tag collects data when a whale surfaces, which is transmitted to a satellite.

Amount: \$1,369.00/satellite tag component only **Index:** AMM002 **Activity Code:** AMMP **Updated:** 4/5/2022 by Dee Kennedy

11439: SPOT WC Whale Location Tag

Wildlife Computers SPOT Whale Telemetry Tag

Amount: \$2,510.00/Tag **Index:** AMM002 **Activity Code:** ASP5 **Updated:** 4/5/2022 by Dee Kennedy

14867: Assembly and Whale Tag Attachment

Parts, assembly, and making field ready attachments for satellite whale tag main components, which may be from multiple vendors.

Amount: \$523.00/Deployment assembly **Index:** AMM002 **Activity Code:** AMTG **Updated:** 4/5/2022 by Dee Kennedy

Genetic Testing

Applicability: If a customer of these services has fewer than 47 samples to submit but would like to wait until we can aggregate other sample submissions, we can sometimes offer the corresponding reduced price of the larger bulk rate. Price includes supplies, reagents, and labor.

10738: Ancient DNA – Extraction, Confirmation and Reporting

Extraction of DNA from historic samples; there is a minimum charge of \$55.00 per sample for setup and supplies. Labor is charged at hourly rate for Senior Scientist and Research Assistant. Each sample is unique and costs of extraction are highly variable, therefore an estimate of labor is provided to the client prior to commencement of work. Amendments to the initial estimate will be provided if complications arise and work will not resume until agreement is reached.

Amount: \$45.00 - \$88.00/Hour **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11684: Genetics Lab Custom Services

Cetacean Conservation and Genomics Laboratory (CCGL) custom services and lab use fees are designed to meet individual researcher and visiting collaborator's needs in the area of molecular ecology. The services will include but not be limited to new research and development, consulting on analyses of data, creating new laboratory technologies or modifying existing technologies, and implementing experimental technologies from the literature. The Laboratory will provide up to one hour of free consultation to plan a custom service. A minimum of one hour will be charged thereafter and will be billed in half hour increments. These services are similar but not exact to a bench fee for visiting scholars and researchers who use the lab as collaborators on research projects. Estimate for labor and lab supplies will be provided to all collaborators. Supplies are charged at cost and detailed billings will include brief description of all lab services and back-up for pricing of supplies.

Amount: \$45.00 - \$88.00/Hour **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11762: DNA Extraction & Quantification

1 Sample

Amount: \$172.00/Sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11763: DNA Extraction & Quantification

2-16 samples

Amount: \$143.00/sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11764: DNA Extraction & Quantification

17-46 samples

Amount: \$87.00/Sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11765: DNA Extraction & Quantification

47 or more samples

Amount: \$44.00/Sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11766: Amplify & Sequence one Locus (ABI Analyzer Fees Billed Separately)

1 sample

Amount: \$132.00/sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11767: Amplify & Sequence one Locus (ABI Analyzer Fees Billed Separately)

2-16 samples

Amount: \$102.00/sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11769: Amplify & Sequence one Locus (ABI Analyzer Fees Billed Separately)

17-46 samples

Amount: \$47.00/sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11770: Amplify & Sequence one Locus (ABI Analyzer Fees Billed Separately)

47 or more samples

Amount: \$15.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11771: Sex Determination

1 Sample

Amount: \$86.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11772: Sex Determination

2-16 Samples

Amount: \$60.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11773: Sex Determination

17-46 Samples

Amount: \$32.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11774: Sex Determination

47 or more samples

Amount: \$5.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11775: Amplification of 1-6 microsatellite loci(ABI Analyzer Fees Billed Separately)

1 sample

Amount: \$194.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11776: Amplification of 1-6 microsatellite loci (ABI Analyzer Fees Billed Separately)

2-16 samples

Amount: \$149.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11777: Amplification of 1-6 microsatellite loci (ABI Analyzer Fees Billed Separately)

17-46 samples

Amount: \$71.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11778: Amplification of 1-6 microsatellite loci (ABI Analyzer Fees Billed Separately)

47 or more samples

Amount: \$23.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11779: Amplification of 7-12 microsatellite loci (ABI Analyzer Fees Billed Separately)

1 sample

Amount: \$386.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11780: Amplification of 7-12 microsatellite loci (ABI Analyzer Fees Billed Separately)

2-16 samples

Amount: \$298.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11781: Amplification of 7-12 microsatellite loci (ABI Analyzer Fees Billed Separately)

17-46 samples

Amount: \$141.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11782: Amplification of 7-12 microsatellite loci (ABI Analyzer Fees Billed Separately)

47 or more samples

Amount: \$46.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11783: Amplification of 13-18 microsatellite loci (ABI Analyzer Fees Billed Separately)

1 sample

Amount: \$580.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11784: Amplification of 13-18 microsatellite loci (ABI Analyzer Fees Billed Separately)

2-16 samples

Amount: \$446.00/Sample Index: AMM002 Activity Code: AM24 Updated: 4/5/2022 by Dee Kennedy

11785: Amplification of 13-18 microsatellite loci (ABI Analyzer Fees Billed Separately)

17-46 samples

Amount: \$210.00/Sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

11786: Amplification of 13-18 microsatellite loci (ABI Analyzer Fees Billed Separately)

47 or more samples

Amount: \$71.00/Sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

14585: DNA Quick Preparation for PCR

0-46 Samples, non-archival DNA extraction for subsequent PCR genotyping or sequencing

Amount: \$5.00/sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

14586: DNA Quick Preparation for PCR

47 or more samples, non-archival DNA extraction for subsequent PCR genotyping or sequencing

Amount: \$3.00/sample **Index:** AMM002 **Activity Code:** AM24 **Updated:** 4/5/2022 by Dee Kennedy

Marine Mammal Program Vessel Rental

Purpose: Rates shown are per day or any portion of a day. A Vessel Use Agreement is required. For further information contact Bruce Mate bruce.mate@oregonstate.edu or Kathy Minta kathy.minta@oregonstate.edu (541) 867-0202.

4914: Rigid Hull Inflatable Boat (RHIB)

RHIB use is billed on a daily basis, fuel is billed separately at market rate. RHIB fees include a trailer when not deployed from the Pacific Storm.

Amount: \$321.00/day **Index:** AMM002 **Activity Code:** ARHB **Updated:** 4/5/2022 by Dee Kennedy

15096: Rigid Hull Inflatable Boat (RHIB) Hourly Use Fee

Use fees for 17' Rigid Hull Inflatable Boat, Zodiac H540, outboard (HIN Z700986295L007) on trailer. Contact Leigh G. Torres 541-867-0202 leigh.torres@oregonstate.edu . This service is primarily for the Marine Mammal Institute's GEMM lab, their collaborators, and sponsors, other users are considered on a case-by-case basis and must show proof of safety training and small boat certifications for the captain and crew. Minimum rental is for three hours, maximum is capped at 8-hours \$184.00 for full day use. Fuel is at cost upon fueling.

Amount: \$28.00/hour **Index:** AMM002 **Activity Code:** AM53 **Updated:** 6/13/2022 by Dee Kennedy

College of Business

College of Business - Admin

Integrated Business Plans

Purpose: The money is used exclusively for reimbursement of MBA student team members/COB for such expenses as auto mileage, long distance phone charges and copies of materials reproduced and bound for the final client report and presentation. Applicability: The OSU MBA Program is a partnership between Oregon Businesses and the College of Business (COB). MBA student teams travel to the client host company sites. The College requires that the host organizations pay a fee for the projects.

14539: Austin Hall Event Fee

Hourly Fee for use of Austin Hall. Fee to cover student workers for building security, programming time for automatic locks, lighting and HVAC systems. Use of COB Event planning personal. Event attendees 0-25 \$33/hr; 26-50 \$44/hr; 51+ \$65/hr

Amount: \$33.00 - \$65.00/Number of attendees/Hour **Index:** BUS275 **Activity Code:** BFAH **Updated:** 4/14/2022 by Erica Stillwagon

General Business Instr

Business Advisory Services

Purpose: Provide services and technical information through review and evaluation. Price agreed upon with the customer prior to start of project. "Close to the Customer"

10695: The Center for Marketing and Consumer Insights Testing Fees

Fees for The Center for Marketing and Consumer Insights marketing research and survey testing services. Professor - \$256 hour; Instructor \$130/hour; Student Worker \$16/hour. Agreements for scope of work and other direct costs negotiated prior to start of project.

Amount: \$16.00 - \$256.00/Hour **Index:** BUS036 **Activity Code:** **Updated:** 4/14/2022 by Erica Stillwagon

14445: Business Research Suite Usage Fee

Fee for College of Business Faculty/IT support for users of Austin Hall research Suit. Classified 1: \$55 Classified 2: \$104 Student 1: \$15 Student 2: \$13 based on the level of service needs

Amount: \$13.00 - \$104.00/Hour **Index:** BUS012 **Activity Code:** **Updated:** 4/14/2022 by Erica Stillwagon

15627: Continuing and Professional Education Labor

The College's Business Engagement unit develops custom employee training for businesses of every size regardless of industry or location. Dedicated corporate training team works closely with your training and human resources groups to customize curriculum that addresses the most pressing challenges facing your organization. College's Business Engagement unit develops basic eLearning output, rapid development through template interactions, simple animation, efficient media production.

Amount: \$204.00/hour **Index:** BUS023 **Activity Code:** **Updated:** 4/14/2022 by Erica Stillwagon

College of Earth, Ocean & Atmospheric Sciences

Geosciences

Material Preparation Facility

2834: Sample Cutting and Cleaning

material grinding, powder and dissolution

Amount: \$25.00/Sample **Index:** OASG02 **Activity Code:** SGL3 **Updated:** 4/14/2022 by Barbara Francisco

2835: Sample Powdering in Agate, WC or Ceramic

material grinding, powder and dissolution

Amount: \$20.00/Sample **Index:** OASG02 **Activity Code:** SGL3 **Updated:** 4/14/2022 by Barbara Francisco

10053: Use of Polishing Facility - Unassisted Use

use of facility w/out staff assistance

Amount: \$30.00/Hour **Index:** OASG02 **Activity Code:** SGL3 **Updated:** 4/14/2022 by Barbara Francisco

2837: Technical Assistance

of faculty lab manager (1 hr minimum)

Amount: \$90.00/Hour **Index:** OASG02 **Activity Code:** SGL3 **Updated:** 4/14/2022 by Barbara Francisco

X-Ray Diffraction Facility

2852: X-Ray Diffraction - Unassisted Use

use of X-ray diffraction w/out staff assistance

Amount: \$20.00/Hour **Index:** OASG02 **Activity Code:** SGL4 **Updated:** 4/14/2022 by Barbara Francisco

Oceanic and Atmospheric Sci

Chemical Analysis Lab

Applicability: The Chemical Analysis Lab provides shore-based chemical analyses of plant nutrients and/or dissolved oxygen in seawater, nutrients using automated multi-channel analysis systems and dissolved oxygen by computer controlled amperometric titration of whole flask samples.

3149: Analysis for Nutrients in Open Ocean seawater

Analytical charges for nutrients in open-ocean seawater samples range from \$15.00 (1 - 3 analyses) to \$20.00 (4 - 5 analyses) per sample; depending on the number of nutrients to be determined and the amount of sample handling required. Samples requiring dilution will be charged at the higher rate.

Amount: \$15.00 - \$20.00/sample **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

3151: Additional Labor for Pretreatment Samples

For samples requiring special pretreatment additional labor will be charged.

Amount: \$40.00 - \$60.00/hour **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9121: Dissolved Inorganic Carbon Determinates/Seawater

For larger volume samples (ca 200 mL), TCO₂ and/or pCO₂ determinations using a Li-Cor model LI-6262 CO₂ analyzer can be performed. Both analyses can be performed sequentially. Salinity must be known to calculate the carbon system parameters. If the salinity of samples is not known, it can be measured in the laboratory for an additional \$3.00.

Amount: \$36.00/Sample **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9219: Dissolved oxygen in seawater samples

Dissolved oxygen in seawater samples is determined by automated Carpenter-Winkler titration. For small numbers of samples (<10), a minimum charge of \$200 may apply for setup and testing of the titrator. By prior arrangement, the laboratory can supply pre-calibrated flasks for use in sampling dissolved oxygen and training in the sampling technique. There is no charge for the use of the flasks, but broken flasks must be replaced.

Amount: \$12.00 - \$17.00/Sample **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9220: Additional services

Additional services include logistic support for nutrient analyses at sea and equipment optimization for seawater nutrient analysis. We can purchase (and rebill) expendable supplies for nutrient analyzers including the Technicon AutoAnalyzer and Alpkem RFA. Equipment and supplies charged at cost plus overhead. We can assist with data processing using in-house or client-provided software.

Amount: \$65.00/hour **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11759: Assisted use of Li-Cor Carbon Analyzer

\$5.50/sample for PI's that provide a technician to assist lab personnel to operate the carbon analyzer.

Amount: \$5.50/sample **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

16112: Technician Instrument Support Services

Provide technician to assemble, repair, and/or install upgrades to the OSU Combined pCO₂ / Total CO₂ Analyzer equipment for optimum seawater nutrient and dissolved inorganic carbon analyses. The fee covers salary, OPE and overhead costs of the technician. Purchase of parts, software, hardware, expendable supplies, and any other items needed for work to be performed on the equipment/instrument will be charged at cost plus overhead. Expenses for travel and incidentals will incur additional charges when applicable.

Amount: \$81.00/Hour **Index:** OASP12 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

Computer Services**9767: Plotter Copies**

Copy prints from plotter.

Amount: \$1.50/Sq. Ft**Index:** OAS032**Activity Code:****Updated:** 4/14/2022 by Barbara Francisco**15910: CEOAS Computing Services - Administration**

Network and computer support services for CEOAS Administrative personnel

Amount: \$50.00/month**Index:** OAS241**Activity Code:****Updated:** 4/14/2022 by Barbara Francisco**15912: CEOAS Computing Services - Research**

Network and computer support services for CEOAS Research personnel

Amount: \$325.00/Month**Index:** OAS239**Activity Code:****Updated:** 4/14/2022 by Barbara Francisco**Coring Services****11044: Coring Services- Technician**

Per technician hourly rate. Coring services might require more than one technician. Fee relates to:

4 inch Gravity Corer, Benthos Gravity Corer, MC-400 Multicorer, 6 inch Kasten Corer and MC-800 Multicorer.

Amount: \$91.00/Hour**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**10979: 4" Gravity Corer Use**

Covers expendable materials per core use. Does not include tech time. See 'Coring Services-Technician' for rates.

Shipping charges additional when applicable. The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$163.00/use + Tech Time**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**11047: 6" Kasten Corer Use**

Covers expendable materials per core use. Does not include tech time. See 'Coring Services-Technician' for rates.

Shipping charges additional when applicable. The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$378.00/use + Tech Time**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**10980: Benthos Gravity Corer Use**

Covers expendable materials per core use. Does not include tech time. See 'Coring Services-Technician' for rates.

Shipping charges additional when applicable. The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$149.00/use + Tech Time**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**9660: Core Splitter on Research cruises**

The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$300.00/cruise**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**11031: MC-400 Multicorer Use**

Covers expendable materials per core use. Does not include tech time. See 'Coring Services-Technician' for rates.

Shipping charges additional when applicable. The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$160.00/use + Tech Time**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**11057: Multicorer Extruder**

Covers per use of corer extruder. Does not include tech time. See 'Coring Services-Technician' for rates. Shipping charges additional when applicable. The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$500.00/Use**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**9662: Refer Van Rental**

Rental of refrigerated van.

Amount: \$1,500.00/cruise**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**10661: Multisensor Core Logger Van Rental**

20 foot lab van. Does not include tech time for training / operation. See "Coring Services - Technician" for rates. Shipping charges additional when applicable. The actual cost for insurance of equipment will be included when customer does not have their own insurance (applicable to external customers only).

Amount: \$5,033.00/Month**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco**15758: MC-800 Multicorer Use**

Covers expendable materials per corer use. Does not include tech time. See "Coring Services - Technician" for rates.

Shipping charges additional when applicable. The actual cost for insurance for equipment will be included when the customer does not have their own insurance (applicable to external customers).

Amount: \$240.00/Use**Index:** OASP01**Activity Code:** OCSS**Updated:** 4/14/2022 by Barbara Francisco

Gas Tracer Lab**15011: Dissolved Gas Extraction / Analysis**

Per sample fee includes gas separation and purification as well as isotope ratio analysis. Includes expendables, Tech time and maintenance.

Amount: \$90.50/sample **Index:** OASP18 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

ICP Mass Spectrometer

Applicability: The ICP Mass Spectrometer facility is available for the measurement of trace elements in a variety of fluid and solid sample types including water, sediment, biological and rock samples. Training is provided.

3075: Technical Services

Technical services that include, but are not limited to: sample preparation, method development, and data processing. Plus supplies charged at costs.

Amount: \$70.00/hour **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

3080: ICP-OES

\$44.00/ hour unassisted

Amount: \$44.00/hour **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

3084: ICP-MS Unassisted Use

\$65/hr or \$585/day - Daily rate is based upon a machine time of 9 hours per day.

Amount: \$65.00/hour **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9656: MC-ICPMS Unassisted Use

\$600/day

Amount: \$600.00/Day **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9657: LA-ICPMS Assisted use

\$900/Day

Amount: \$900.00/Day **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

10662: LA-ICPMS Unassisted Use

\$660/day

Amount: \$660.00/day **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

10470: Special (Non-routine) Projects

All ICP Mass Spectrometer jobs and projects not included in other published fees. Billed on a per-sample basis. The per sample cost for a particular job depends on the following factors: 1)Instrument and sample introduction system; 2) Sample preparation and pretreatment needed; 3)Specialty reagents and columns needed; 4)Method development time; 5) Customized instrument set-up; 6)Data processing assistance; 7) All of the above relative to number of samples to be analyzed per job.

Amount: \$22.00 - \$250.00/sample **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11793: Clean Room/Nu Multicollector Use

Research group use of the Clean Room and Nu Multicollector. Quarterly or annual basis. Fee is for users doing extensive development work requiring access to the clean room for sample preparation, use of ion exchange resins, expendable supplies and high purity reagents. Users will also have access to the Nu-MC on a time available basis.

Amount: \$1,600.00/quarter **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

12041: Clean room use and supplies

Clean room, acid and ion exchange resin use

Amount: \$100.00/use **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

15390: ICP Calibration Standard Block - Solutions

Laboratory prepared set of standard solutions used to calibrate up to 20 elements for an ICP-MS/OES run.

Amount: \$150.00/Experiment **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

15391: ICP Calibration Standard Block - Digestions

Laboratory prepared set of standard solutions used to calibrate up to 20 elements for an ICP-MS/OES run.

Amount: \$220.00/Experiment **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

16091: SeaFAST automated chemistry

For use and operation of an automated instrument that performs elemental separations from brine waters for analysis by ICP-MS.

Amount: \$502.00/Use **Index:** RDR372 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

Isotope Ratio Mass Spectrometer

Purpose: The fee range for the Isotope Ratio Mass Spectrometer takes several variables into consideration:

- 1) Whether the samples are prepared and/or run by the user or by laboratory staff (i.e. assisted or unassisted use)
- 2) The amount of handling and/or complexity of work for the type of sample being analyzed
- 3) Setup/preparatory work required relative to job size

Applicability: Provides sample preparation, stable-isotope analysis and instrument services and development.

14157: Technician Services (Hourly Rate)

Hourly rate for a technician to assist with such things as training, method development, and sample preparation.

Amount: \$70.00/Hour **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14166: Oxygen Isotopes of Water by Isotope Ratio Mass Spectrometry (IRMS)

Analysis of oxygen isotopes in fresh water and seawater samples.

Price does NOT include any sample preparation (e.g., filtering of particulate-rich samples).

Amount: \$18.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14168: Carbon and Oxygen Isotopes of Calcium Carbonate (CaCO₃)

Analysis of carbon and oxygen isotopes of calcium carbonate (calcite or aragonite) in materials such as foraminifera, otoliths, and shells. Calcium carbonate in rocks and sediments can also be analyzed if the concentration is >5%. All samples must be submitted as a fine-grained, homogeneous powder. Price does NOT include any sample preparation (e.g., milling, pretreatment to remove organic matter). Note: There is a surcharge of \$2 per sample for small samples (<30 ug).

Amount: \$12.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14169: Carbon Isotopes of Dissolved Inorganic Carbon

Analysis of carbon isotopes of dissolved inorganic carbon (DIC) in seawater, porewaters, fresh water or other liquid.

Please note, the DIC concentration of samples must be known or accurately estimated.

Amount: \$23.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14170: Carbon and Oxygen Isotopes of Carbon Dioxide Gas

Carbon and oxygen isotopes of carbon dioxide gas analyzed by dual inlet mass spectrometry or continuous-flow mass spectrometry depending on sample type and concentration.

Amount: \$14.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14171: Nitrogen Isotopes of Nitrogen gas

Nitrogen isotopes of nitrogen gas analyzed by dual inlet mass spectrometry or continuous-flow mass spectrometry depending on sample type and concentration.

Amount: \$14.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14173: Carbon Isotopes of Bulk Organics in Solids

Analysis of carbon isotopes of bulk organics in solid materials such as, but not restricted to, sediments, soils, rocks, plants, and animal tissue. Highly enriched samples (i.e., >100 permil from zero) cannot be analyzed. Price does NOT include any sample preparation (e.g., acidification, milling) or weighing of the samples.

Amount: \$10.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14174: Nitrogen Isotopes of Bulk Organics in Solids

Analysis of nitrogen isotopes of bulk organics in solid materials such as, but not restricted to, sediments, soils, rocks, plants, and animal tissue. Highly enriched samples (i.e., >100 permil from zero) cannot be analyzed. Price does NOT include any sample preparation (e.g., acidification, milling) or weighing of the samples.

Amount: \$10.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14175: Carbon AND Nitrogen Isotopes of Bulk Organics in Solids

Analysis of carbon and nitrogen isotopes of bulk organics in solid materials such as, but not restricted to, sediments, soils, rocks, plants, and animal tissue. Whether C and N isotopes can be measured together (i.e., on the sample aliquote of sample) or separately depends on the C/N ratio of the sample type. Please contact the lab manager to discuss this. Highly enriched samples (i.e., >100 permil from zero) cannot be analyzed.

Price does NOT include any sample preparation (e.g., acidification, milling) or weighing of the samples. Note: There is a surcharge of \$1 per sample for difficult to analyze samples (e.g., filters, low N samples, enriched samples) that take more time and/or require additional standards.

Amount: \$10.00/Sample **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14176: Student Assistant (Hourly Rate)

Hourly rate to cover student assistance with sample preparation.

Amount: \$16.00/Hour **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14251: Daily Rate for Use of Stable Isotope Ratio Mass Spectrometer (IRMS)

This fee applies to the use of one IRMS for 24 hours by the client. This price includes one hour of assistance by laboratory staff and basic supplies / equipment. However, assistance with method development and associated supplies are an additional charge.

Amount: \$400.00/Day **Index:** RDR374 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

Microprobe Lab

Purpose: Fees cover expenses incurred, including salaries/OPE, instrument maintenance, and expendable supplies.

Applicability: Provides Sample imaging and analysis

3056: Microprobe Lab

machine set-up and training for client to set-up their own analysis file. not to exceed \$700 per day.

Amount: \$70.00/hour **Index:** OASP02 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9664: Microprobe Lab - Unassisted

If the client does not accompany the samples and wants us to prepare the machine, pick analysis points and do the analysis

Amount: \$100.00/hour **Index:** OASP02 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

4590: Sample Preparation

Sample polishing and mounting in epoxy

Amount: \$40.00/Sample **Index:** OASP02 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

National Geoelectromagnetic Facility

Applicability: The National Geoelectromagnetic Facility provides modeling of electromagnetic fields related to geophysical phenomenon, geophysical laboratory services including instrument calibration and electrode construction, and geophysical data acquisition services.

11473: Technical Services

Technical services that include, but are not limited to: instrument calibration preparation, method development, and data processing.

Amount: \$95.00/hour **Index:** OASP14 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11474: Geoelectromagnetic Field Modeling

Model parameterization, discretization, required software modification, use of parallel computing facility.

Amount: \$165.00/hour **Index:** OASP14 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11475: Electrode Construction

Use of electrode fabrication/wet lab facility and access to technical staff for electrode fabrication.

Amount: \$121.00/hour **Index:** OASP14 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11476: Geophysical Field Data Acquisition

Technical services that include, but are not limited to: siting/permitting and/or installation/operation of OSU provided geoelectromagnetic equipment at field sites. User responsible for cost of insurance for damage or replacement cost.

Amount: \$500.00/inst deployment plus \$147/day + tech time **Index:** OASP14 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11481: Geophysical Field Data Acquisition- IFR

Interferometric Radar instrument deployment. Technical services that include, but are not limited to: siting/permitting and/or installation/operation of OSU provided interferometric radar.

Amount: \$605.00/\$605.00 inst deployment + tech time **Index:** OASP14 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

11482: Ocean Bottom EM/Multiphysics/Seismic Inst Deployment

Technical services that include: preparation of instruments for deployment and recovery, and transcription data. Actual costs of drop weight and consumables will be charged when applicable.

Amount: \$1,500.00/staging cost + \$175/day + tech time **Index:** OASP14 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

Ocean Services

Applicability: Provides common-use instruments, tools, sample analysis and repository.

9659: Waters HPLC phytoplankton pigment analysis

High Performance Liquid Chromatography (HPLC) phytoplankton pigment analysis with a Waters photodiode array (Latasa et al. 1996 method). Per sample fees cover cost of analysis, including labor, OPE, all expendable supplies and maintenance.

Amount: \$83.00/sample **Index:** OASP01 **Activity Code:** OELM **Updated:** 4/14/2022 by Barbara Francisco

9691: Bacterioplankton/bacterial cultures analysis

Flow Cytometer 10 sample Minimum.

Amount: \$19.00/sample **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9692: Phytoplankton/algal cultures analysis

with a Becton-Dickinson FACSCaliber flow cytometer. 10 sample minimum.

Amount: \$19.00/Sample **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

9693: Both Bacteria and Phytoplankton analysis

with a Becton-Dickinson FACSCaliber flow cytometer. 10 sample minimum.

Amount: \$38.00/Sample **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

9694: Other Particle / Virus Analysis

with a Becton-Dickinson FACSCaliber flow cytometer. 10 sample minimum.

Amount: \$37.00/sample **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

9695: Sorting of Particles

with a Becton-Dickinson FACSCaliber flow cytometer.

Amount: \$76.00/hour **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

9696: Machine Shop - Technician

Provides technician for engineering and manufacturing of prototype equipment. Provides access to common-use tools and modest amounts of materials & supplies to OSU Faculty, Students & Staff who have the approval of CEOAS. Project-specific materials and supplies will be billed at cost.

Amount: \$90.00/hour **Index:** OAS066 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9698: Marine Geology Services- Technician

Analytical instrumentation and technical services are available to internal and external users. Rates vary by instrument and technical assistance required. Fees cover expenses incurred, including salaries/OPE, instrument maintenance, communications, expendable supplies and overhead costs. Technical assistance @ \$70/hr and supplies invoiced at cost.

Amount: \$70.00/hour **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

9701: Equipment Preparation

Technical services providing assistance with equipment preparation, sampling and field work. Supplies and travel are invoiced at cost.

Amount: \$69.00/hour **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

10976: Plankton Analysis by Inverted Microscopy

Abundance, biomass and general community and size composition of heterotrophic protists and phytoplankton larger than 15 microns are determined via inverted microscopy after settling of appropriate volumes of preserved sample provided by the user. Per sample fee covers cost of analysis, expendable supplies and maintenance. Shipping and handling charges will be added at cost.

Amount: \$384.00/Sample **Index:** OASP01 **Activity Code:** OPAN **Updated:** 4/14/2022 by Barbara Francisco

11711: Microwave Digestion System

Per sample fees cover the cost of the sample digestion, including all expendable supplies, set up and maintenance. Training is required for all users of the Microwave and will be charged at the hourly rate (fee# 9698). The amount of time required for training depends on the analytical experience of the user. Damaged vessels will be replaced at cost.

Amount: \$10.00/sample + tech time **Index:** OASP01 **Activity Code:** OMGS **Updated:** 4/14/2022 by Barbara Francisco

14188: Analysis of mineral surface area

Mineral surface area analysis (SA) of solid materials including sediments and soils by the BET technique. Prior to analysis, materials are combusted to remove organic matter and dried under vacuum to remove excess water. Weighing and packaging of samples can be done by the user or, for additional per sample cost, by the technician overseeing the instrument.

Amount: \$48.00/Sample **Index:** OASP01 **Activity Code:** OCNA **Updated:** 4/14/2022 by Barbara Francisco

14195: User Fee for Fluorolog 3 Spectrofluorometer -Unassisted

User Fee for Fluorolog 3 Spectrofluorometer -Unassisted. Mandatory one time training for first time users is 1 hour @ \$70 – see Marine Geology Services – Technician.

Amount: \$7.00/hour **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

14200: Carbon and Nitrogen Elemental Analysis (C/N)

Carbon and nitrogen elemental analysis (C/N) of solid materials including sediments and suspended particles captured on filters by high temperature combustion. If necessary, acidified samples are compared with un-acidified samples to differentiate inorganic and organic carbon. Weighing and packaging of samples can be done either by the user or, for additional per sample cost, by the technician overseeing the instrument.

Amount: \$14.50/Sample **Index:** OASP01 **Activity Code:** OCNA **Updated:** 4/14/2022 by Barbara Francisco

14201: Analysis of CuO reaction products by GC-MS

CuO oxidation analysis of solid materials including sediments and soils by microwave assisted hydrolysis and gas chromatography-mass spectrometric (GC-MS) analysis of resulting extracts. Analysis includes hydrolysis, extraction, centrifugation, standard preparation and instrument maintenance. Data workup can be done either by the user or, for additional per sample cost, by technician overseeing the instrument.

Amount: \$248.00/Sample **Index:** OASP01 **Activity Code:** OCNA **Updated:** 4/14/2022 by Barbara Francisco

14220: Analysis of lipids by extraction and GC-MS

Lipid analysis of solid materials including sediments and soils by microwave assisted hydrolysis and gas chromatography-mass spectrometric (GC-MS) analysis of resulting extracts. Analysis includes extraction, centrifugation, standard preparation and instrument maintenance. Data workup can be done either by the user or, for additional per sample cost, by technician overseeing the instrument.

Amount: \$280.00/Sample **Index:** OASP01 **Activity Code:** OCNA **Updated:** 4/14/2022 by Barbara Francisco

14322: CN Analysis With Sample Prep

Elemental analysis of organic carbon and nitrogen with additional sample preparation.

Amount: \$16.00/sample **Index:** OASP01 **Activity Code:** OCNA **Updated:** 4/14/2022 by Barbara Francisco

14403: Fluorometric Chlorophyll Analysis

Fluorometric Chlorophyll Analysis on a Turner 10-AU Fluorometer using either acidification or non-acidification method, dependent on preference. 20 sample minimum. Shipping of samples will incur additional charges @ cost.

Amount: \$12.00/sample **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

15779: Process Phytoplankton & Microzooplankton Samples on IFCB

Process Phytoplankton & Microzooplankton Samples on IFCB.

Amount: \$41.00/Sample **Index:** OASP01 **Activity Code:** OFLO **Updated:** 4/14/2022 by Barbara Francisco

16213: Device Pressure Test

Provides technician for pressure test of sealed housing or other deployment device using pressure test facility.

Amount: \$415.00/Test **Index:** OAS066 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

16218: Heat Flow Probe Day Rate

Daily rate for at-sea deployment of heat flow probe, with technician. Technician travel and shipping are billed at actual cost. NOTE: This fee is charged in addition to the base deployment fee.

Amount: \$876.00/Day **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

16221: Heat Flow Probe Deployment Rate

Per deployment rate. To be charged in addition to established day rate. Recovers pre/post deployment costs of management, logistics, training, maintenance, repair, and testing regardless of deployment duration.

Amount: \$29,063.00/Deployment **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

OSU Marine Geology Repository

Purpose: The OSU Marine Geology Repository houses a number of specialized instruments for interpretation of geologic records.

11054: Marine Geology Repository- Tech Time

Rates for training, set-up, data processing and database entry. Higher rate for customers requiring a Computed Tomography Scan.

Amount: \$93.00 - \$161.00/hour **Index:** OASP01 **Activity Code:** OCOR **Updated:** 4/14/2022 by Barbara Francisco

11055: Split-Core Track

Covers day use of the split-core track with technician oversight. Training and set-up costs may apply. See 'Marine Geology Repository- Tech Time' for additional services and rates.

Amount: \$86.00/Day **Index:** OASP01 **Activity Code:** OCOR **Updated:** 4/14/2022 by Barbara Francisco

11056: Whole-Core Track

Covers day use of the whole-core track with technician oversight. Training and set-up costs may apply. See 'Marine Geology Repository- Tech Time' for additional services and rates.

Amount: \$91.00/Day **Index:** OASP01 **Activity Code:** OCOR **Updated:** 4/14/2022 by Barbara Francisco

14824: Use fee for Marine Geology Repository Core Saw

Use fee for Marine Geology Repository Core Saw

Amount: \$17.00/Day **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

14430: XRF Scanner Use

Covers hourly use of the XRF Scanner with technician oversight. Training and set-up costs may apply. See "Marine Geology Repository Tech Time" for additional services and rates.

Amount: \$33.00/Hour **Index:** OASP01 **Activity Code:** OCOR **Updated:** 4/14/2022 by Barbara Francisco

14825: Use Fee for Marine Geology Repository Freeze Dryer

Use Fee for Marine Geology Repository Freeze Dryer

Amount: \$12.00/Day **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

15008: Use Fee for Marine Geology Repository Particle Size Analyzer

Use fee for Marine Geology Repository Particle Size Analyzer. Training to use the instrument will be added and charged at the Tech Time hourly rate - see "Marine Geology Repository - Tech Time" for rates.

Amount: \$55.00/day **Index:** OASP01 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

15755: Magnetometer Use

Daily use of 2G magnetometer for magnetic analyses of sediment and rock samples. Training and set-up costs may apply. See "Marine Geology Repository Tech Time" for additional services and rates.

Amount: \$193.00/Day **Index:** OASP01 **Activity Code:** OCOR **Updated:** 4/14/2022 by Barbara Francisco

15756: XYZ Multi-core Track

Covers day use of the multi-core track with technical oversight. Training and set-up costs may apply. See "Marine Geology Repository Tech Time" for additional services and rates.

Amount: \$86.00/Day **Index:** OASP01 **Activity Code:** OCOR **Updated:** 4/14/2022 by Barbara Francisco

Paleo and Environmental Magnetism Laboratory**10917: Paleo & Environmental Magnetism Lab usage**

Daily use of the Paleo and Environmental Magnetism Laboratory for magnetic analyses of sediment and rock samples, data processing and technical report service. The lab houses many specialized instruments including a state-of-the-art 2G Enterprises 3-axis superconducting rock magnetometer that is coupled with a computer controlled tracking and alternating field demagnetization system.

Amount: \$200.00/daily use **Index:** OASP15 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

10918: Samples run by lab personnel

In addition to provided training, the technician will run lab samples for users if requested.

Amount: \$25.00/Sample **Index:** OASP15 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

10919: Technical service for data processing and report

Additional data processing and reporting services provided by lab technician or other lab personnel.

Amount: \$50.00/hour **Index:** OASP15 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

Radioisotope Dating Laboratory**16289: Full sample prep service & Gamma Detector Analysis**

\$100/sample – Full sample prep and gamma detector; \$90/sample if pre-loaded/weighed into containers

Amount: \$90.00 - \$100.00/Sample **Index:** OASP19 **Activity Code:** **Updated:** 6/13/2022 by Meaghan Deitz

Radiometric Ages

Purpose: Fees collected cover expenses incurred, including salaries/OPE, instrument maintenance, communications, and expendable supplies.

Applicability: Provides radiometric age determinations for geologic materials (volcanic rocks and minerals) in support of academic and industrial research projects.

9535: 666640Ar-39Ar Incremental Heating or Total Fusion Age Determination: Single Step

Price per extra incremental heating step or single crystal total fusion, if more are required than the nominal 30 incremental heating steps or total fusions.

Amount: \$30.00/heating step **Index:** OASP10 **Activity Code:** **Updated:** 6/13/2022 by Meaghan Deitz

9570: Special Mineral Separation Fee

Special mineral separation and sample preparation that goes beyond the standard procedures established in the OSU Argon Geochronology Laboratory.

Amount: \$75.00/Hour **Index:** OASP10 **Activity Code:** **Updated:** 6/1/2022 by Meaghan Deitz

14198: 40Ar-39Ar Incremental Heating Age Determination using Argus VI: Academic Standard Procedure

30 incremental heating steps or single crystal total fusions using the Thermo Scientific Model ARGUS VI multi-collector mass spectrometer. Costs include up to 15 blanks; irradiation; flux monitor measurements; air short calibrations; other standard measurements; minimal data report; full mineral separation protocol and acid leaching cleaning procedures.

Amount: \$1,300.00/Sample **Index:** OASP10 **Activity Code:** **Updated:** 6/13/2022 by Meaghan Deitz

14199: 40Ar-39Ar Incremental Heating Age Determination using Argus VI: Academic Reduced Mineral Separation Procedure or Collaboration

30 incremental heating steps or single crystal total fusions using the Thermo Scientific Model ARGUS VI multi-collector mass spectrometer. Costs include up to 15 blanks; irradiation; flux monitor measurements; air short calibrations; other standard measurements; minimal data report; reduced mineral separation protocol including only QA/QC and final cleanup of the sample materials; alternatively this analyses is part of a collaborative research project.

Amount: \$1,000.00/Sample **Index:** OASP10 **Activity Code:** **Updated:** 6/1/2022 by Meaghan Deitz

14216: 40Ar-39Ar Incremental Heating Age Determination using Argus VI: Academic No Mineral Separation Procedure

30 incremental heating steps or single crystal total fusions using the Thermo Scientific Model ARGUS VI multi-collector mass spectrometer. Costs include up to 15 blanks; irradiation; flux monitor measurements; air short calibrations; other standard measurements; minimal data report; no mineral separation services required.

Amount: \$750.00/Sample **Index:** OASP10 **Activity Code:** **Updated:** 6/13/2022 by Meaghan Deitz

14221: 40Ar-39Ar Incremental Heating Age Determination using Argus VI: Expedited Industrial Standard Procedure

30 incremental heating steps or single crystal total fusions using the Thermo Scientific Model ARGUS VI multi-collector mass spectrometer. Costs include up to 15 blanks; irradiation; flux monitor measurements; air short calibrations; other standard measurements; minimal data report; full mineral separation protocol and acid leaching cleaning procedures.

Amount: \$2,500.00/Sample **Index:** OASP10 **Activity Code:** **Updated:** 6/1/2022 by Meaghan Deitz

14222: Special Software Instructions and Development

Assistance provided to clients for the instruction of using the ArArCALC data reduction and ArArSUITE data acquisition software and the development of special/new features upon request.

Amount: \$130.00/Hour **Index:** OASP10 **Activity Code:** **Updated:** 6/23/2022 by Meaghan Deitz

15104: 40Ar-39Ar Incremental Heating Age Determination using Argus VI: Expedited Industrial Rush Procedure

30 incremental heating steps or single crystal total fusions using the Thermo Scientific Model ARGUS VI multi-collector mass spectrometer. Costs include up to 15 blanks; irradiation; flux monitor measurements; air short calibrations; other standard measurements; minimal data report; full mineral separation protocol and acid leaching cleaning procedures.

Amount: \$3,500.00/sample **Index:** OASP10 **Activity Code:** **Updated:** 6/1/2022 by Meaghan Deitz

15424: Technical Report Writing Fee

Time involved in the writing of a complete geochronological and/or petrological and geochemical report.

Amount: \$75.00/Hour **Index:** OASP10 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

15553: 40Ar-39Ar Incremental Heating Age Determination using Argus VI: Single Crystal Incremental Heating

12 incremental heating steps for in total 5 single crystals from one sample using the Thermo Scientific Model ARGUS VI multi-collector mass spectrometer. Costs include up to 6 blanks per single crystal incremental heating experiment; irradiation; flux monitor measurements; air short calibrations; other standard measurements; minimal data report; full mineral separation protocol and acid leaching cleaning procedures.

Amount: \$2,500.00/Sample **Index:** OASP10 **Activity Code:** **Updated:** 6/1/2022 by Meaghan Deitz

Thetis Profiler Service Center**16071: Thetis Profiler Service**

Provide technician to repair and service Sea-Bird Scientific Thetis Profiler per agreement with Sea-Bird Scientific.

Purchases of parts, supplies and any other materials needed for the work will be charged at cost. Expenses for travel and incidentals will be charged at cost.

Amount: \$81.00/Hour **Index:** OAS074 **Activity Code:** **Updated:** 4/14/2022 by Barbara Francisco

Ship Operations**R/V Elakha Rental Rates**

Applicability: Users requiring extraordinary staging time to prepare the vessel (or remove equipment from the vessel) for a cruise will be charged actual expenses for the time including, crew salary, travel, port fees, and equipment operation charges.

3145: Research Vessel Elakha Rental Rates - Captain and Deckhand

R/V Elakha use fees with Captain and Deckhand aboard. Minimum of 4 hour rental time. 4 hour minimum covers required daily minimum cost of captain & deckhand's salary & OPE.

Amount: \$380.00/hour **Index:** OAS062 **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

10051: R/V Elakha - Additional Load/Crane/Cleanup Time

For Elakha cruises requiring loading, crane, and/or cleanup time in excess of 1 hour. Up to 1 hour of load time/crane/cleanup time is included in base rate.

Amount: \$98.00/Hour **Index:** OAS062 **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

10099: R/V Elakha - Second Captain

Additional fee for a second captain. Required on Elakha cruises scheduled for more than 12 hours.

Amount: \$63.00/Hour **Index:** OAS062 **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

14206: Research Vessel Elakha Weekend/Holiday Rental Rate - Captain and Deckhand

R/V Elakha use fees with Captain and deckhand aboard for weekend and holiday use to specifically cover the overtime and holiday costs. Additional surcharge added to basic hourly rate.

Amount: \$58.00/hour **Index:** OAS062 **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

14849: R/V Elakha - Second AB (Able Seaman)

Additional fee for a second AB. Required on Elakha cruises scheduled for more than 12 hours.

Amount: \$35.00/hour **Index:** OAS062 **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

Ship Laboratory Van Services

Purpose: Rental fee will cover the container van storage and maintenance.

Applicability: Provides common-use of container vans provided by NSF for Ship Operations and Principal Investigators using UNOLS Vessels.

3146: General Purpose Van Rental

Provides common-use of container vans provided by NSF for Ship Operations and Principal Investigators. Fee is daily rental for both UNOLS and non-UNOLS vessels.

Amount: \$70.00/Day **Index:** S1995P **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

9684: Isotope Van Rentals

Provide an isotope van for scientists needing to use radioactive materials. Fee is daily rental for both UNOLS and non-UNOLS vessels.

Amount: \$100.00/Day **Index:** S1995P **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

9685: Cold Van Rental

Provides a temperature-controlled portable laboratory space for work requiring a refrigerated environment down to 4 degrees Celsius. Fee is daily rental for both UNOLS and non-UNOLS vessels.

Amount: \$100.00/Day **Index:** S1995P **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

14434: Calibration Van

Provides common-use of calibration van by NSF for Ship Operations and Principal Investigators. Fee is daily rental for both UNOLS and non-UNOLS vessels.

Amount: \$70.00/Daily rate **Index:** S1995P **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

Support Services**9771: Ship Operations - Visiting Vessels and Logistics**

Port services including but not limited to: Electrical shore power, shop support, field support, diving services, and labor by Ship Ops personnel. Electricity and water charged at actual cost. Berthing is charged at \$1.00 per foot per day. Shore support staff helping visiting vessels - \$40/hour during normal operating hours & \$70/hour outside normal operating hours.

Amount: At Cost **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

10669: 2,000# or 9,000# Capacity Fork Lift Rental with Operator

Forklift to lift pallets and other equipment on and off trucks and to move items around the pier and buildings.

Amount: \$40.00/hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

10670: 2,000# or 8,000# Capacity Fork Lift Rental Only

Forklift to lift pallets and other equipment on and off trucks and to move items around the pier and buildings. Personnel must supply Ship Operations Logistics Specialist with OSHA – approved OSU Fork Lift Certification, and receive training on Ship Operations Fork Lifts.

Amount: \$30.00/hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

10672: 35 Ton Shore Crane With Operator

Shore crane is used for lifting heavy items on and off trucks and ships.

Amount: \$185.00/hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

10958: 20,000# capacity forklift with operator

Forklift to lift pallets and other equipment on and off trucks and to move items around the pier and buildings.

Amount: \$70.00/hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

15520: Ship Operations Small Boat Rental

Northwind Marine 17' Aluminum Hull RHIB use. Boston Whaler 19' boat use. Fee includes a trailer when not deployed at Ship Ops.

Amount: \$40.00/Hour **Index:** OASP17 **Activity Code:** **Updated:** 4/15/2022 by Barbara Francisco

15864: 3,500# or 8,000# Capacity Fork Lift Rental With Operator Outside Operational Hours

Forklift to lift pallets and other equipment on and off trucks and to move items around the pier and buildings during non-operating hours. Contact CEOAS Ship Operations for details on regular operating hours.

Amount: \$80.00/Hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

15865: 20,000# capacity forklift with operator outside operational hours

Forklift to lift pallets and other equipment on and off trucks and to move items around the pier and buildings during non-operating hours. Contact CEOAS Ship Operations for details on regular operating hours.

Amount: \$110.00/Hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

15866: 35 Ton Shore Crane with operator outside operational hours

For lifting heavy items on and off trucks and ships during non-operating hours. Contact CEOAS Ship Operations for details on regular operating hours.

Amount: \$215.00/Hour **Index:** OASP01 **Activity Code:** O660 **Updated:** 4/15/2022 by Barbara Francisco

College of Engineering**Center for Applied Systems & Software****Center for Applied Systems and Software (CASS)****4582: Secure Database & Application Hosting**

Support for ASP, NET, SQL, Server Database and SSL administration. Basic Website \$500/annually; Website and Database \$1500/annually; Database and Application \$2,200/annually.

Amount: \$500.00 - \$2,200.00/year **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

10584: Testing Service/Systems Development Project Management

Fees for project management of testing services and systems development projects. Scope of work negotiated with clients prior to start of projects.

Amount: \$92.00/Hour **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

14218: Systems Development Maintenance & Testing-Senior Staff

Center for Applied Systems and Software (CASS) Senior Professional Staff led work on Development, Maintenance and Testing of custom software systems using requirements as requested by customers. Network and hardware device testing using client plans and methodology, reporting of results as required. Lead and mentor CASS student developers and testers to accomplish project objectives. Scope of work negotiated prior to start of project.

Amount: \$91.00/Hour **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

15784: Systems Development & Maintenance - Staff

Center for Applied Systems and Software (CASS) Professional Staff led work on Development, Maintenance and Testing of custom software systems using requirements as requested by customers. Lead and mentor CASS student developers to accomplish project objectives. Scope of work negotiated prior to start of project. Supplies used will be billed at cost to customers.

Amount: \$68.00/Hourly **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

15786: Systems Testing – Staff

Center for Applied Systems and Software (CASS) Professional Staff led work on Testing of software and/or hardware systems using requirements as requested by customers. Network, software and hardware device testing using client plans and methodology, reporting of results as required. Lead and mentor CASS student testers to accomplish project objectives. Scope of work negotiated prior to start of project. Supplies used will be billed at cost to customers.

Amount: \$51.00/Hourly **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

15788: Systems Development & Maintenance – Student

Center for Applied Systems and Software (CASS) development students work on building custom software systems using requirements as requested by customers. Student work is supervised and reviewed by a CASS Professional Staff member. Scope of student work negotiated prior to start of project by CASS Professional Staff. Supplies used will be billed at cost to customers.

Amount: \$33.50/Hourly **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

15795: Systems Testing – Student

Center for Applied Systems and Software (CASS) testing students work on Testing of software and/or hardware systems using requirements as requested by customers. Network and hardware device testing using client plans and methodology, reporting of results and bugs as required. Student work is supervised and reviewed by a CASS Professional Staff member. Scope of student work negotiated prior to start of project by CASS Professional Staff. Supplies used will be billed at cost to customers.

Amount: \$23.00/Hourly **Index:** ECA020 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

Chemical Engineering Prgm

Biomedical Prototyping & Characterization Facility

16116: Biomedical Prototyping & Characterization Equipment

Use of facility to include: Flexstation Plate Reader, Form 3BL 3D Printer, Cadworks 3D M50 3D Printer, Nanoimprinter, Optical Profilometer, Bioprinter, Injection Molding. Use of supplies billed at cost.

Amount: \$20.00/machine hour **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

16119: Cyoflex Flow Cytometer

Use of facility and equipment for flow cytometry.

Amount: \$35.00/machine hour **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

16162: FreeZone Triad Freeze Dryer

Use of facility and equipment for freeze drying.

Amount: \$20.00/run **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

16127: Jasco CD spectrometer

Use of facility and equipment for CD spectroscopy.

Amount: \$37.00/hour **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

16163: PDMS processing (Thinky mixer and spin coater)

Use of facility and equipment for PDMS processing.

Amount: \$8.00/run **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

16151: SCS Labcoter Parylene Deposition

Use of facility and equipment for deposition of Parylene coatings and analysis.

Amount: \$38.00/machine hour **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

16117: Sony SH800 Cell Sorter

Use of facility and equipment for cell sorting and data acquisition and analysis. Sorting chips not included in hourly rate and will be billed at cost.

Amount: \$40.00/machine hour **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

Testing & Services**14835: X-Ray Tomography**

Volumetric imaging of materials samples, untrained users requiring assistance. Any supplies used will be sold at cost. Minimum scan charge of \$396.00 (comprised of 1 hour academic, 1 hour post doc, 1 hour GRA, and equipment usage, time is to set-up and run scan). Additional microCT machine time/hour needed for higher fidelity, resolution, complex material, etc will be charged \$40 per hour. Any additional personnel time beyond the minimum scan will be billed at the published fee book rate for Tomography Technical Time.

Amount: \$396.00/scan **Index:** ECBP02 **Activity Code:** EWLD **Updated:** 4/14/2022 by Lea Clayton

14890: Tomography Data Processing

Processing, archiving and management of volumetric imaging data. Personnel time above 1 hour per data set will be billed at the published fee book rate for Tomography Technical Time.

Amount: \$40.00/Hour **Index:** ECBP02 **Activity Code:** EWLD **Updated:** 4/14/2022 by Lea Clayton

15290: OPIC Tools

Use of tools such as: UV-Vis-NIR Spectrometer; Profilometer; LSE; AFM; DSC-TGA; FT-IR; PV Test Stand; Flash QE; and Roll-to-roll Coater.

Amount: \$40.00/hour **Index:** ECBP02 **Activity Code:** ECAC **Updated:** 6/13/2022 by Lea Clayton

15308: SPECS X-ray photoelectron spectroscopy system Technical Time

Technical assistance for use of facility and equipment. Comprehensive written final analysis and report of all aspects of the Test Results, including but not limited to, detailed methods and procedures, all data with statistical analyses, details of any experiments, final conclusions, and recommendations.

Research Associate \$65/hour, student \$18/hour

Amount: \$18.00 - \$65.00/hour **Index:** ECBP02 **Activity Code:** EG2H **Updated:** 4/14/2022 by Lea Clayton

15314: Physical Electronics 5600 X-Ray Photoelectron Spectroscopy System Technical Time

Technical assistance for use of facility and equipment. Comprehensive written final analysis and report of all aspects of the Test Results, including but not limited to, detailed methods and procedures, all data with statistical analyses, details of any experiments, final conclusions, and recommendations. Research Associate \$65/hour, Student \$18/hour

Amount: \$18.00 - \$65.00/hour **Index:** ECBP02 **Activity Code:** EG2H **Updated:** 4/14/2022 by Lea Clayton

15315: Physical Electronics 5600 X-ray photoelectron spectroscopy system

Use of facility and equipment for data acquisition and analysis. Minimum one hour usage charge.

Amount: \$55.00/hour **Index:** ECBP02 **Activity Code:** EG2H **Updated:** 4/14/2022 by Lea Clayton

15316: SPECS X-ray Photoelectron Spectroscopy System

Use of facility and equipment for data acquisition and analysis. Minimum usage charge is one hour.

Amount: \$84.00/hour **Index:** ECBP02 **Activity Code:** EG2H **Updated:** 4/14/2022 by Lea Clayton

15317: Technical Labor

Labor costs of operating tools and assisting with creating processes and testing procedures. Faculty Research Assistant \$65/hour, Graduate Student \$67/hour, student \$18/hour. Any supplies/materials used or travel expenses incurred would be billed at cost.

Amount: \$18.00 - \$67.00/hour **Index:** ECBP02 **Activity Code:** **Updated:** 4/14/2022 by Lea Clayton

15748: Solar Thermal Test Loop

Test loop with solar simulator and instrumentation needed to test a reactor utilizing concentrated sunlight. System includes methods to check for conversion, yield, flow rate and many other significant parameters.

Amount: \$10,531.00/test **Index:** ECBP02 **Activity Code:** ENJA **Updated:** 4/13/2022 by Lea Clayton

15792: Biochemical Reaction Test Loop

Test loop for characterizing performance of bioreactors, especially microscale systems

Amount: \$31,622.00/month **Index:** ECBP02 **Activity Code:** EYMC **Updated:** 4/13/2022 by Lea Clayton

15793: Fluidic Test Loop

Test loop for characterizing fluidic behavior of reactor systems and chemical processing units, specifically those utilizing microchannel technology .

Amount: \$3,581.00/test **Index:** ECBP02 **Activity Code:** EYMC **Updated:** 4/13/2022 by Lea Clayton

15794: Thermocatalytic Reactor Test Loop

Test loop for characterizing reaction performance of thermocatalytically based reactors, especially microscale systems.

Amount: \$38,798.00/test **Index:** ECBP02 **Activity Code:** EYMC **Updated:** 4/13/2022 by Lea Clayton

15798: Tomography Technical Time

Technical assistance for use of facility and equipment.

Amount: \$117.00/hour **Index:** ECBP02 **Activity Code:** EWLD **Updated:** 4/14/2022 by Lea Clayton

15935: Hiden Temperature Programmed Desorption System

Use of facility and equipment for data acquisition and analysis. Minimum usage charge is one hour.

Amount: \$56.00/hour **Index:** ECBP02 **Activity Code:** **Updated:** 4/14/2022 by Lea Clayton

16114: Hiden Temperature Programmed Desorption System - Tech Time

Technical assistance for use of facility and equipment. Comprehensive written final analysis and report of all aspects of the Test Results, including but not limited to, detailed methods and procedures, all data with statistical analyses, details of any experiments, final conclusions, and recommendations.

Research Assoc \$65/hour. Student \$18/hour

Amount: \$18.00 - \$65.00/hour **Index:** ECBP02 **Activity Code:** EG2H **Updated:** 4/14/2022 by Lea Clayton

16172: Freeze Drying Microscopy

Microscopic observation of the freeze drying process using a freeze drying microscope.

Amount: \$148.00/hour **Index:** ECBP02 **Activity Code:** EAZH **Updated:** 4/14/2022 by Lea Clayton

College of Engineering - Administration**Marketing & Communications****15616: Project Management Services**

Project Management services include the development of a marketing and communications strategy to advance the client's overall goals; tactics will include print, multimedia (video/online), social media activities and market research. Project Management also includes coordinating with the external service providers including University Relations and Marketing, media buying agency, Printing & Mailing Services and other print providers, and freelance photographers, designers, and writers to execute the client's strategic marketing plan. The assigned project manager will be responsible for coordinating in-house staff to ensure that projects are completed within the client's timeline and budget. Marketing projects include, but are not limited to, student recruitment, alumni engagement, overall program awareness and message development.

Amount: \$85.00/hour **Index:** ENG023 **Activity Code:** **Updated:** 2/21/2022 by Alyssa Calder

15629: Creative Services

Graphic design, copy writing and editing, website development, design, update, and maintenance, website copy writing and editing, video recording and production, sound recording and production, photography provided by staff and students. \$63/hour = Unclassified Staff Labor, \$15.50/hour = Student Labor

Amount: \$15.50 - \$63.00/hour **Index:** ENG023 **Activity Code:** **Updated:** 6/10/2022 by Alyssa Calder

Computer Labs**Student Computer Labs****11922: Large Format Printing**

Standard Paper, 36" wide per sq. ft. (2 work days), \$2.50

Amount: \$2.50/36" wide/sq. ft. **Index:** ENG003 **Activity Code:** EPRI **Updated:** 2/21/2022 by Alyssa Calder

12002: Laser Print Copies

Letter and legal size paper.

Standard black/white printing \$0.10/page; Color printing \$0.50/page

Amount: \$0.10 - \$0.50/page **Index:** ENG003 **Activity Code:** EPRI **Updated:** 2/21/2022 by Alyssa Calder

Materials Synthesis & Characterization Facility (MaSC)

MaSC Service & Testing

11831: Thin Film Processing and Characterization Lab Access Fee

Access to MaSC cleanroom and characterization labs in Owen Hall. Includes access to general use equipment and basic supplies.

Amount: \$600.00/Term **Index:** EMD120 **Activity Code:** **Updated:** 2/25/2022 by Alyssa Calder

12099: Thin Film Processing and Characterization Services

Thin Film Deposition/Etch, Photolithography, Device Characterization.

Amount: \$90.00/Hour **Index:** EMD120 **Activity Code:** **Updated:** 2/25/2022 by Alyssa Calder

12100: Materials Processing and Characterization Engineering

Engineering time to set up and run materials processing and characterization processes, perform equipment installations, maintenance, repairs and upgrades, engineering support of materials science work.

Amount: \$77.00/Hour **Index:** EMD120 **Activity Code:** **Updated:** 2/25/2022 by Alyssa Calder

14870: Atomic Layer Deposition (ALD)

Thin Film Deposition Services. Deposition of various thin films via ALD.

Amount: \$85.00/Machine Hour **Index:** EMDP08 **Activity Code:** **Updated:** 2/25/2022 by Alyssa Calder

10803: Heidelberg Laser Lithography Tool

Lithography tool for directly writing the pattern onto a photo-resist-coated substrate or generating optical masks. Internal users are charged a flat fee of \$50.00 per mask for materials. Tool time is billed at a rate of \$11.00 per hour, rounded to the nearest whole hour. Users are charged a one hour minimum per mask on this tool.

Amount: \$50.00/Mask **Index:** EMDP08 **Activity Code:** EDWL **Updated:** 2/25/2022 by Alyssa Calder

16081: MaSC Lab Orientation and Training

Introduce new users to lab entry and usage protocols, lab safety, initial equipment training, etc

Amount: \$410.00/Training **Index:** EMD120 **Activity Code:** **Updated:** 2/25/2022 by Alyssa Calder

Nuclear Engineering

Materials Processing, Characterization and Testing

16238: Laser ultrasonic materials processing and characterization

To use the multiple laser system for materials processing (laser shock peening) and characterization (laser ultrasonic).

Amount: \$55.00/Run **Index:** ENS201 **Activity Code:** ETC1 **Updated:** 6/1/2022 by Matthew Berry

16264: In-situ Nanoindenter

The FT-NMT04 nanoindenter allows for in-situ nanomechanical testing inside of a scanning electron microscope (SEM) at up to 800 Celcius.

Amount: \$93.95/Run **Index:** ENS201 **Activity Code:** ETC1 **Updated:** 6/13/2022 by Matthew Berry

Research Clusters

O.H. Hinsdale Wave Research Laboratory Services

Applicability: Additional charges are assessed for personnel, materials, outside services, equipment rental and purchases in accordance with the needs of each specific research project.

9074: General User, Full Use rate

Project costs are based on full use of facility, equipment, and staff assistance. A minimum 10% or \$304/day of estimated facility use is charged to each project based upon the effort of experiment design work with client prior to actual experiment occurring at the facility. A letter of intent will be submitted detailing the estimated cost of any project and specifying the design fee amount. Facility time will not be scheduled until the design fee is received. Additional charges are assessed for additional personnel, materials, outside services, equipment rental and purchases in accordance with the needs of each specific research project.

Amount: \$3,040.00/Day **Index:** EKC120 **Activity Code:** **Updated:** 2/21/2022 by Angela Franklin

Sch Civil & Construction Engr

Asphalt Construction Materials

14241: Testing and Modeling of Asphalt Mixture Specimens

Dynamic modulus/Frequency sweep testing and modeling for asphalt concrete materials.

Amount: \$1,291.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/3/2022 by Angela Franklin

15118: Semi-Circular Bend Test

Sample cutting, notching, testing, data processing for semi-circular bend testing.

Amount: \$834.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15119: Asphalt Indirect Tension Test

Sample cutting, testing, and data processing for asphalt indirect tension test.

Amount: \$733.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

15120: Tack Coat Emulsion Distillation for Lab Testing

Asphalt tack coat emulsion heating and distillation to recover asphalt binder for lab testing (for 250ml tack coat).

Amount: \$218.00/Test/250ml tack coat **Index:** ECCP10 **Activity Code:** **Updated:** 6/3/2022 by Angela Franklin

15121: Asphalt Tack Coat General Tests

Asphalt tack coat custom laboratory testing designed to meet individual customers' needs in the area of experimental research in asphalt-based materials and emulsions, including emulsion set time measurements, tack coat penetration, tack coat dynamic shear rheometer, and softening point testing.

Amount: \$215.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15122: Asphalt Binder Extraction and Recovery

Extraction and recovery of asphalt binder for testing and binder content determination for a 1kg asphalt sample.

Amount: \$600.00/Test/1kg of asphalt material **Index:** ECCP10 **Activity Code:** **Updated:** 6/3/2022 by Angela Franklin

15123: Tack Coat Rotational Viscometer Testing

Rotational viscosity experiment for tack coat materials semi-circular bend testing.

Amount: \$263.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15124: Tack Coat Lab Shear Testing

Sample cutting, testing, and data processing for tack coat lab shear testing.

Amount: \$695.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/3/2022 by Angela Franklin

15125: Gyrotory Asphalt Sample Preparation

Sieving, batching of aggregates, lab mixing, mixed sample aging, and gyrotory compaction.

Amount: \$847.00/Sample **Index:** ECCP10 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15126: Roller Compactor Asphalt Sample Preparation

Sieving, batching of aggregates, lab mixing, mixed sample aging, and roller compaction.

Amount: \$986.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

15127: Simplified Viscoelastic Continuum Damage (S-VECD) test

AASHTO TP 107-14 (R2016) Standard Method of Test for Determining the Damage Characteristic Curve of Asphalt Mixtures from Direct Tension Cyclic Fatigue Tests. Sample coring, testing, and data analysis.

Amount: \$1,138.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

15128: Beam Fatigue Experiment

AASHTOT321 Standard Method of Test for Determining the Fatigue Life of Compacted Asphalt Mixtures Subjected to Repeated Flexural Bending. Sample cutting, testing, and data analysis.

Amount: \$1,139.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

15129: Flow Number Test for Asphalt Rutting

AASHTO TP79 Standard Method of Test for Determining the Dynamic Modulus and Flow Number for Asphalt Mixtures Using the Asphalt Mixture Performance Tester (AMPT). Sample coring, testing, and data analysis.

Amount: \$1,187.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/3/2022 by Angela Franklin

15130: Oregon Field Torque Test

Sample coring, platen gluing, and field testing using Oregon Field Torque Tester.

Amount: \$536.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15928: Hamburg Wheel Tracking Test (AASHTO T324 Standard)

Sample cutting, testing, and data processing for Hamburg Wheel Tracking Test (AASHTO T 324 Standard)

Amount: \$838.00/Test **Index:** ECCP10 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

Cementitious Construction Materials**14584: Isothermal Calorimetry**

Utilize equipment for the TAM (Isothermal Calorimetry).

Amount: \$2,232.00/Sample **Index:** ECCP09 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

16176: Thermogravimetric Analysis

To utilize equipment in a recharge for the TGA (Thermo Gravimetric Assessment) for three samples.

Amount: \$1,026.00/Sample **Index:** ECCP09 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

Civil & Construction Engineering Technical Services**16082: Civil Engineering Consulting Services-Labor Only**

Review background information, drawings, plans, specifications and data; provide advice and recommendations; and provide training to clients on technical structural engineering matters that rely on unique experience and expertise.

Rate is for labor only, any travel or supplies will be billed at cost.

Amount: \$235.00/Hour **Index:** ECCP23 **Activity Code:** EHIG **Updated:** 4/1/2022 by Angela Franklin

Corrosion Testing**15187: Finite Element Analysis and Thermodynamic Modeling**

Reactive-transport modeling in porous media; corrosion modeling; customized simulations

Amount: \$162.00/Hour **Index:** ECCP37 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15188: Benchtop Electrochemical/Corrosion Testing of Metallic Surfaces

Linear polarization, electrochemical impedance spectroscopy (EIS), cyclic voltammetry, polarization resistance, Mott-Schottky analysis, polarization resistance, Tafel analysis, and other electrochemical/corrosion tests. Non-standard, customized, or specialized sample preparation for corrosion testing. For samples that require coating or cladding, material cost is charged separately.

Amount: \$274.00/Machine Hour **Index:** ECCP37 **Activity Code:** **Updated:** 6/1/2022 by Angela Franklin

15212: Corrosion Chamber Testing

Standard or non-standard/custom cyclic or salt/fog tests in corrosion chamber (ASTM, DIN, BS, ISO, IEC, BSI, SAE, AATCC, and car manufacturer specifications).

Amount: \$32.00/Hour **Index:** ECCP37 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

15214: Localized Electrochemical/Corrosion Testing of Metallic Surfaces

Scanning electrochemical microscopy, scanning vibrating electrode technique, scanning kelvin probe, localized EIS, scanning droplet cell, non-contact optical surface profiling, and other localized electrochemical tests.

Amount: \$234.00/Hour **Index:** ECCP37 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

Evaluation of Infrastructure Materials Response to Acid and Microbiological Degradation**16063: Biological Acidification of Cement Based Materials Testing**

Testing the Biological Acidification of Cement Based Materials.

Rate is for one unit consisting of six samples; all six samples must be tested.

Testing takes approximately three months.

Amount: \$36,672.00/Unit of Six Samples **Index:** ECCP38 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

Water Resources Testing Services**14481: OGSIR Raingarden**

Testing the performance of Low Impact Development practices for stormwater management at OSU-Benton County Green Stormwater Infrastructure Research Facility.

Fee for the entire site (use of all three experimental cells) is \$107/day. Fee for use of one cell is \$36/day; Fee for use of two cells is \$72/day.

Amount: \$36.00 - \$107.00/Day **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15579: OGSIR Facility General Professional Services-Chemical Oxygen Demand

Testing stormwater chemical oxygen demand concentration - method 40 CFR 136.3.

Amount: \$16.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15582: OGSIR Facility General Professional Services - Total Organic Carbon

Testing stormwater total organic carbon concentration - method EPA 415.1

Amount: \$16.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15583: OGSIR Facility General Professional Services - Total Suspended Solids

Testing stormwater total suspended solids concentration - method SM 2540C.

Amount: \$16.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15585: OGSIR Facility General Professional Services - Total Dissolved Solids

Testing stormwater total dissolved solids concentration - method SM 2540C.

Amount: \$16.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15587: OGSIR Facility General Professional Services - Particle Size Distribution**

Testing stormwater particle size distribution - methods ASTM D422, ISO 13319:2007.

Amount: \$50.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15589: OGSIR Facility General Professional Services - Total Metals with Microwave Digestion**

Testing stormwater concentrations of total metals - with microwave digestion (excludes Hg and As) - methods EPA 200.5, 200.8, 3015A, 3051A.

Amount: \$31.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15591: OGSIR Facility General Professional Services - Soluble Metals**

Testing stormwater concentrations of soluble metals - no digestion (excludes Hg and As) - method EPA 200.5, 200.8.

Amount: \$21.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15593: OGSIR Facility General Professional Services - Total Coliform and E. Coli**

Testing stormwater concentrations of total coliform and E. coli method Colilert 18 - EPA 815-B-97-001.

Amount: \$31.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15595: OGSIR Facility General Professional Services - Total Phosphorus**

Testing stormwater total phosphorus concentrations methods EPA 365.1, 365.3.

Amount: \$18.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15597: OGSIR Facility General Professional Services - Total Nitrogen**

Testing stormwater total nitrogen concentrations using the persulfate digestion method.

Amount: \$19.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15599: OGSIR Facility General Professional Services - Ortho-Phosphate**

Testing stormwater ortho-phosphate concentrations using method EPA 365.1.

Amount: \$14.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15601: OGSIR Facility General Professional Services - Nitrite**

Testing stormwater nitrite concentrations using method EPA 353.2.

Amount: \$14.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15603: OGSIR Facility General Professional Services - Nitrate**

Testing stormwater nitrate concentrations using methods 40 CF 141.

Amount: \$14.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15605: OGSIR Facility General Professional Services - Ammonium**

Testing stormwater ammonia concentrations using methods EPA 350.1, 351.1, 351.2.

Amount: \$14.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15607: OGSIR Facility General Professional Services - pH**

Testing stormwater pH using method EPA 150.1.

Amount: \$9.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15609: OGSIR Facility General Professional Services - Electrical Conductivity**

Testing stormwater electrical conductivity using method SM 2510 B.

Amount: \$9.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15611: OGSIR Facility General Professional Services - Alkalinity**

Testing stormwater alkalinity using method EPA 310.2.

Amount: \$13.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15614: OGSIR Facility General Professional Services - Total Hardness**

Testing stormwater total hardness using method 10293 (metalphthalein).

Amount: \$13.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15633: OGSIR Facility General Professional Services - Stormwater Sampling

Stormwater sampling at OGSIR for a 24 hours storm. Fee is \$1680.00 for collection of stormwater at either one inlet-outlet pair, or one inlet (when only influent is sampled), or one outlet (when only effluent is sampled).

Amount: \$1,680.00/Sample **Index:** ECCP35 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

Construction Materials Testing Services

Applicability: Other tests will be non-standard and will be billed to recover costs.

12096: MCMEC Usage

Custom test requiring controlled environment using Multi-Chamber Modular Environment Control System. One unit is equal to a two-week period (minimum).

Amount: \$787.00/Period **Index:** ECCP27 **Activity Code:** **Updated:** 4/6/2022 by Angela Franklin

Geotechnical Testing

Applicability: Other tests will be non-standard and will be billed to recover costs.

14456: Technical Support for Implementation of Geotechnical Developments

Technical support for implementing recent developments in geotechnical engineering techniques, such as ground improvement methodologies.

Amount: \$157.00/Hour **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15436: Stress-Controlled Cyclic Direct Simple Shear

Stress-Controlled Cyclic Direct Simple Shear test. Includes 24 hours of consolidation. Fee is set as a cost per test.

Amount: \$453.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15439: Water Content - ASTM D4959

Determination of Water Content of Soil by Direct Heating. Fee is set as a cost per test.

Amount: \$16.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15442: Sample Storage

Storage of tube sample, per month, per tube, after 1st two months.

Amount: \$18.00/Sample **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15443: Sample Disposal

Disposal of sample, per tube.

Amount: \$36.00/Sample **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15445: Additional Day of Consolidation - ASTM D2435

24 hours of consolidation. Fee is set as a cost per test.

Amount: \$89.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15447: Atterberg Limits - ASTM D4318

Determination of Liquid and Plastic Limit of Soils. Fee is set as a cost per test.

Amount: \$95.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15449: Combined Analysis - ASTM D422

Determination of Particle Size Distribution for Mixed Soils. Fee is set as a cost per test.

Amount: \$196.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15451: Hydrometer Analysis - ASTM D7928

Determination of Particle Size Distribution for Fine-grained soils. Fee is set as a cost per test.

Amount: \$98.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15453: Post-cyclic Strain-controlled Static Direct Simple Shear Test - ASTM D6528

Post-cyclic Strain-controlled Static Direct Simple Shear Test.

Amount: \$135.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15455: Sample Extraction & Specimen Preparation

Sample extraction from thin-walled tube sampler and preparation of a single specimen.

Amount: \$44.00/Specimen **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15457: Atterberg Limits - ASTM D4318

Determination of Liquid and Plastic Limit of Soils.

Amount: \$95.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15460: Strain Controlled Cyclic Direct Simple Shear

Strain Controlled Cyclic Direct Simple Shear. Includes 24 hours of consolidation.

Amount: \$837.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15462: Strain-controlled Static Direct Simple Shear Test

Strain-controlled Static Direct Simple Shear Test. Includes 24 hours consolidation.

Amount: \$642.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15470: Grain Size Analysis - ASTM D422

Determination of Particle Size Distribution for Coarse-grained soils. Fee is set as a cost per test.

Amount: \$124.00/Test **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15471: Reporting of Laboratory Test Services

Preparation of technical report describing laboratory tests conducted, procedures followed, and results including graphs and tables.

Amount: \$300.00/Hour **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15861: 1D Consolidation Testing

Determination of 1-D Compressibility and Stress History. Fee is set as a per sample cost.

Amount: \$609.00/Sample **Index:** ECCP21 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

Infrastructure Materials Testing**11514: ASTM C 192 Testing**

ASTM C 192 Standard Practice for making concrete test specimens. Concrete mixing, casting and curing of specimens in the laboratory.

Amount: \$573.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

11768: Autogenous Deformation of Mortar

Temperature controlled (isothermal or real time/temp) history testing of concrete mortar for autogenous deformation from time of setting.

Amount: \$596.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

11518: ASTM C 1609 Standard Test

ASTM C 1609 Standard Test Method for Flex Strength Fiber - Tests Flexural Performance of Fiber-Reinforced Concrete - One set of 3 Specimens.

Amount: \$378.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

11521: IML Custom Laboratory Services

Custom Laboratory Services designed to meet individual customers' needs in the area of experimental research in cement-based materials, including early-age properties, volume change, durability, modeling and service-life prediction.

Amount: \$48.00/Hour **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

11801: Rigid Cracking Frame

Temperature controlled (isothermal or real time/temp) history testing of concrete mortar for cracking risk assessment.

Amount: \$1,103.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

12095: ASTM C29:Unit Density of Coarse Aggregates

Coarse aggregate density testing.

Amount: \$362.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

14457: Strong Floor Testing

"Strong Floor" is a 24' x 68' x 5' unit of steel reinforced concrete with massive bolts and anchors to which structural components can be attached and tested. \$1,199/day is a minimum cost. The actual cost will depend on the level of effort required for specific conditions. Amount will be agreed upon with customer prior to beginning work.

Amount: \$1,199.00/Test **Index:** ECCP23 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15486: ASTM C469: Elastic Modulus Testing

Compressive strength testing of one cylinder to determine strength for modulus range. Two cylinders evaluated for elastic modulus.

Amount: \$373.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15487: ASTM C496: Split Tensile Strength Testing

Split tensile strength testing of three cylinders.

Amount: \$276.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15490: ASTM C39: Compressive Strength Testing

Compressive strength testing of three cylinders. Includes end grinding for parallel and plane ends.

Amount: \$276.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15492: ASTM C157: Drying Shrinkage Testing

Three-month drying shrinkage testing of concrete, three prisms.

Amount: \$1,102.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin

15494: ASTM C666: Freeze-Thaw Evaluation of Concrete

Freeze-Thaw testing of cast or cut prisms, a total of 3 replicates.

Amount: \$1,465.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15496: ASTM C1202: Concrete Resistance to Chloride Ion Penetration**

Standard test method for electrical indication of concrete's ability to resist chloride ion penetration.

Amount: \$1,318.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15499: ASTM C1260: Accelerated ASR Testing**

Two-week accelerated mortar bar test for ASR susceptibility, 4 prisms.

Amount: \$1,402.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15501: ASTM C1293: Accelerated ASR Testing**

One-year standard concrete prism test. Additional fee for two-year monitoring if mixture contains mitigation measures.

Amount: \$1,945.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15503: ASTM C1293-2: Two-year ASR Mitigation Testing**

Two-year concrete prism test for ASR mitigation.

Amount: \$2,312.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15505: ASTM C1567: Accelerated ASR Testing for Mitigation Options**

Two-week accelerated mortar bar test for ASR mitigation, 4 prisms.

Amount: \$1,402.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15507: ASTM C1581 Restrained Ring Test**

Three-month restrained drying shrinkage of concrete includes casting concrete, ASTM C192 includes 3 drying shrinkage prisms.

Amount: \$2,701.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15509: ASTM C1608: Chemical Shrinkage Testing**

Two-week chemical shrinkage test, 2 samples.

Amount: \$745.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15511: Pore Press Sample Cement Paste**

Custom test to crush, express analyze concrete pore solution in custom die.

Amount: \$799.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15513: Pore Press Sample Mortar/Concrete**

Custom test to crush, express analyze concrete pore solution in custom die.

Amount: \$1,010.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15515: SEM Hourly Fee**

Fee for SEM investigation at Linus Pauling Center. Fee includes the \$57/hr. rate for machine time.

Amount: \$166.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15517: SEM Sample Preparation**

Grinding, polishing for SEM sample preparation. Up to three samples at this fee.

Amount: \$1,091.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15523: ASTM C127: Coarse Aggregate Properties**

Coarse aggregate density and absorption.

Amount: \$362.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15524: ASTM C128: Fine Aggregate Properties**

Fine aggregate density and absorption.

Amount: \$454.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15525: ASTM C136: Aggregate Sieve Analysis**

Coarse OR fine aggregate sieve analysis.

Amount: \$316.00/Test **Index:** ECCP27 **Activity Code:** **Updated:** 4/1/2022 by Angela Franklin**15776: Fire Testing of Structural Elements**

Fire testing consists of exposing structural elements, materials and systems to fire scenarios or elevated temperatures.

\$1,000/day is a minimum cost. The actual cost will depend on the level of effort required for specific conditions. Amount will be agreed upon with customer prior to beginning work.

Amount: \$1,000.00/Day **Index:** ECCP23 **Activity Code:** EECF **Updated:** 4/1/2022 by Angela Franklin**CCE Research Computing Charge****11069: Laser Scanning Data Collection**

Performing 3D laser scanning survey work (GPS or target registration). Deliverable would be digital files.

Amount: \$255.00/Hour **Index:** ECCP28 **Activity Code:** **Updated:** 3/1/2022 by Angela Franklin

15324: Custom Geomatics Processing

Custom data processing, analysis, & code development for various geomatics tools (e.g. LIDAR data). Labor only - Supplies and/or travel will be billed at cost. Labor costs billed as follows: Professor \$190/hour; Associate Professor \$155/hour; Assistant Professor \$120/hour; Technician \$100/hour, Research Associate (Post-Doc) \$75/hour; Graduate Assistant \$64/hour; and Student \$20/hour.

Amount: \$20.00 - \$190.00/Hour **Index:** ECCP30 **Activity Code:** **Updated:** 3/1/2022 by Angela Franklin

Sch Elect Engr/Comp Sci Admin**Northwest Alliance for Computational Science and Engineering (NACSE)**

Applicability: Fees for each of these services and products are determined by an hourly rate based on time expended by various NACSE professional staff depending upon the required areas of expertise. When multiple staff members contribute time to a project, salary rates will be calculated as an adjustment average. In addition, fees will include appropriate OPE plus a charge for supplies, materials, minor equipment and computer system utilization.

11844: Software Development

\$114/hour - web interface technology;
 \$128/hour - user interfaces;
 \$135/hour - data modeling;
 \$155/hour - software usability testing;
 \$164/hour - GIS mapping interfaces;
 \$176/hour - user requirements analysis.

Amount: \$114.00 - \$176.00/Hour **Index:** EIU020 **Activity Code:** **Updated:** 2/28/2022 by Tara DiSante

11845: Ongoing operation and maintenance of NACSE software products that are

\$147/quarter - website operations;
 \$159/quarter - database operations;
 \$268/quarter - GIS system operations

Amount: \$147.00 - \$268.00/Quarter **Index:** EIU020 **Activity Code:** **Updated:** 2/28/2022 by Tara DiSante

Open Source Lab**4803: Co/lo Equipment Setup**

Cost of installing and setting up a new machine.

Amount: \$290.00/Machine Setup **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

10011: Database Hosting

Gigabytes (GB) of SQL database storage (minimum 1G per database).

Amount: \$9.10/Gigabyte (GB) **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

10334: Server Backups

Per Gigabytes (GB) of backup storage consumed on backup server (minimum 200GB per server).

Amount: \$0.25/Gigabyte (GB) **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

10535: Basic Production Work: Student

OSL student engineer hourly rate

Amount: \$41.00/hour **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

10536: Basic Production Work: Staff

OSL full time engineer hourly rate

Amount: \$128.00/Hourly **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

10774: Virtual Machine Memory

Gigabytes (GB) of virtual machine memory. Multiplied by two if VM is configured high-available.

Amount: \$11.60/Gigabyte (GB) **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

11479: Rack Co/Lo 240V C13

240V 30A (c13) per circuit PDU (Rack typically includes two). Initial setup costs will be billed at hourly rates.

Amount: \$430.00/PDU **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

11480: Rack Co/Lo 240V C19

240V 30A (C19) per circuit PDU (Rack typically includes one to four). Initial setup costs will be billed at hourly rates.

Amount: \$590.00/PDU **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

11714: Virtual Machine CPU

Number of virtual CPU cores. Multiplied by two if VM is configured high-available.

Amount: \$3.70/Virtual CPU Core **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

12049: Server Co/Lo

Cost of hosting server hardware per U unit, or per device if not a rackable machine.

Amount: \$25.00/U Unit **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

14600: Bandwidth

Terabytes (TB) egress transferred per month.

Amount: \$31.00/Terabyte (TB) **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

14602: Disk Storage

Gigabytes (GB) of disk storage. Multiplied by number of configured replicated volumes. Multiplied by two if VM is configured high-available.

Amount: \$0.35/Gigabyte (GB) **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

14604: Rack Co/Lo 120V

120V 20A per circuit PDU (rack typically includes two). Initial setup costs will be billed at hourly rates.

Amount: \$270.00/PDU **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

14607: FTP Mirroring Hosting

Gigabytes (GB) of FTP mirroring hosting (includes bandwidth cost).

Amount: \$0.65/Gigabyte (GB) **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

14624: IP Addresses

Cost of allocating a single IP address.

Amount: \$0.75/IP Address **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

14626: Non-Rackable Co/Lo

Cost of hosting non-server hardware by cubic foot space used. Limited to 5 devices per cubic foot.

Amount: \$25.00/cubic foot of space **Index:** ESEP06 **Activity Code:** **Updated:** 2/22/2022 by Alyssa Calder

Electrical and Computer Engineering Service and Testing**9928: 3-D Printer Services**

Production of 3-D prototypes. Charge is per gram of material used in production

Amount: \$0.20/gram **Index:** ESE025 **Activity Code:** E3DP **Updated:** 4/14/2022 by Tara DiSante

14438: Wallace Energy Systems & Renewables Facility (WESRF)

Rate of \$3,000 per day, includes operator. Charges begin day of setup.

Amount: \$3,000.00/Day **Index:** ESEP18 **Activity Code:** **Updated:** 2/28/2022 by Tara DiSante

14827: CNC Cutting Services

Production of CNC Cut Acrylic Prototypes

Amount: \$1.00 - \$8.00/cut **Index:** ESE125 **Activity Code:** **Updated:** 4/14/2022 by Tara DiSante

15873: Consulting Service- Graduate Level

Consulting Service provided by Graduate Student working in conjunction with Professional-level advisor (note Professional Hours may be charged in addition to work with student). Consulting Services to include any of the following:

1- Present any of the following: a) need for inclusivity design of cognitive styles, b) the theory behind individual differences in cognitive styles, and c) overview of the GenderMag method that can be used to identify inclusivity issues in a project and the benefits of fixing these inclusivity issues.

2- Hands-on training on the GenderMag method tailored to the project being consulted.

3- Project Assistance in creating Inclusive products and processes.

Amount: \$68.00/hour **Index:** ESEP08 **Activity Code:** **Updated:** 4/14/2022 by Tara DiSante

15874: Consulting Service- Professional Level

Consulting Service provided by Professional-level Staff. Consulting Services to include any of the following:

1- Present any of the following: a) need for inclusivity design of cognitive styles, b) the theory behind individual differences in cognitive styles, and c) overview of the GenderMag method that can be used to identify inclusivity issues in a project and the benefits of fixing these inclusivity issues.

2- Hands-on training on the GenderMag method tailored to the project being consulted.

and/or 3- Project Assistance in creating Inclusive products and processes.

Amount: \$199.00/Hour **Index:** ESEP08 **Activity Code:** **Updated:** 4/14/2022 by Tara DiSante

15906: SQUID Magnetometer

Superconducting Quantum Interference Device (SQUID) Magnetometer for hourly use. \$15/hr for OUS users (at-cost).

The SQUID Magnetometer is the most sensitive type of magnetometer commercially available, providing the capability to detect and characterize minute amounts of magnetic material, or extremely weak magnetic signatures.

Amount: \$15.00/Machine Hour **Index:** ESEP08 **Activity Code:** ESQD **Updated:** 4/14/2022 by Tara DiSante

Sch Mech/Indust/Manufact Engr**Thermal Fluids Testing****12050: Thermal Fluids Testing**

Provide testing service for thermal fluids or thermo-materials samples. Customer to provide sample materials or fluids and supplies.

Amount: \$485.00/Hour **Index:** EMMP04 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

16258: Computational Fluid Dynamics Simulation

Small scale, short time-frame simulations of flow fields

Amount: \$209.00/Hour **Index:** EMMP04 **Activity Code:** EDVP **Updated:** 6/3/2022 by Erica Harry

Materials Testing**9647: X-Ray Diffractometer Testing**

Measurement of x-ray diffraction pattern of various materials for chemical and structural characterization. Any supplies used will be sold at cost.

Amount: \$35.00/Hour **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

9733: Material Testing

Measurement of various mechanical properties as requested. Custom and standard test designs.

Amount: \$40.00 - \$150.00/hour **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

11271: Variable Angle Optical Measurements

Reflection and transmission spectroscopic ellipsometry and absolute reflectance/transmittance measurements and data analysis.

Amount: \$10.50/Hour **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

11451: Atomic Force Microscopy Imaging

Use of facility and AFM equipment for data acquisition and analysis.

Amount: \$25.00/Hour **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

14202: Supercritical CO2 Corrosion Testing

Exposure of 30 metal samples to supercritical SCO2 environment (minimum 500 hours).

Amount: \$10.00/Hour **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

14204: Long Term Bench Top Muffle Furnace Usage

Long term isothermal heat treatments in a bench top muffle furnace or box furnace. Minimum of 1 months. Maximum temperature 1050C.

Amount: \$691.00/Month **Index:** EMMP03 **Activity Code:** EJDT **Updated:** 6/1/2022 by Erica Harry

14240: Materials Modeling Computations

Use of 48 CPUs and software with student/faculty support to run calculations, including VASP code simulations.

Amount: \$905.00/Month **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

14244: Supercritical CO2 Corrosion Analysis

Analysis of corrosion coupons exposed to supercritical CO2 via weight gain, SEM, TEM characterization (1 SEM/FIB/TEM sample of 3 SEM only samples).

Amount: \$940.00/Sample **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

14447: Short-Term Furnace Usage

Short-term Heat Treatments in a bench top muffle furnace or box furnace time less than 1 month, maximum temperature 1050C.

Note: This activity also requires a set-up fee charge (fee #16272)

Amount: \$2.00/Hour **Index:** EMMP03 **Activity Code:** EJDT **Updated:** 3/24/2022 by Erica Harry

14449: Nano Indenter Usage

Measurement of various materials for characterization using the nano indenter system.

Amount: \$30.00/Hour **Index:** EMMP03 **Activity Code:** **Updated:** 4/4/2022 by Erica Harry

14838: Alloy Development

Small batch alloy development via arc melting (~300g button). Exotic elements must be supplied by the purchaser.

Amount: \$285.00/Button **Index:** EMMP03 **Activity Code:** EJDT **Updated:** 3/24/2022 by Erica Harry

14840: Thermodynamic Modeling

Thermodynamic/kinetic calculation with student/faculty support.

Amount: \$90.00/Hour **Index:** EMMP03 **Activity Code:** EJDT **Updated:** 6/13/2022 by Erica Harry

15301: Sample Preparation

Dearborn 001D Polishing Laboratory equipment usage and supplies

Amount: \$35.00/day/user **Index:** EMMP03 **Activity Code:** EJDT **Updated:** 2/2/2022 by Erica Harry

15849: CAD Requirements Definition

Working with a client to define the technical requirements and specifications corresponding to a proposed or existing device.

Amount: \$185.00/hour **Index:** EMMP03 **Activity Code:** EJPP **Updated:** 1/26/2022 by Erica Harry

15851: CAD Model and Drawing Creation

The creation of CAD models and technical drawings corresponding to a concept or an object.

Amount: \$93.00/hour **Index:** EMMP03 **Activity Code:** EJPP **Updated:** 1/26/2022 by Erica Harry

15853: Encapsulating metals or metallic alloys within vacuum or argon atmosphere

Metals and alloys (or other solid materials) are encapsulated inside a clear quartz tube with vacuum or ultrahigh purity argon atmosphere; encapsulation prevents oxidation in heat treatment or long term storage.

Amount: \$58.00/hour **Index:** EMMP03 **Activity Code:** EDXU **Updated:** 1/24/2022 by Corina Rampola

15854: Suction or tilt casting of metals and metallic alloys into regular shapes

Metals and alloys are re-melted and in-situ cast into a copper mold within an arc melter under ultrahigh purity argon atmosphere; molds with cylindrical cavities of 3 to 25 mm diameter are available; other shapes and dimensions of the molding cavity can be made upon request; the material is provided by the user or made through our alloy fabrication service.

Amount: \$61.00/hour **Index:** EMMP03 **Activity Code:** EDXU **Updated:** 1/26/2022 by Erica Harry

15855: Fabrication of advanced alloys such as metallic glasses and high entropy alloys

Advanced alloys are fabricated from high purity raw metals within an arc melter under ultrahigh purity argon atmosphere; the alloys from this service are in the form of round buttons, but can be further cast into regular geometries through our casting service; raw metals are either provided by the user or purchased at the user's cost.

Amount: \$63.00/hour **Index:** EMMP03 **Activity Code:** EDXU **Updated:** 1/26/2022 by Erica Harry

15875: OR Creator Laser Usage

3D printing of metal parts using Selective laser melting technique (OR Laser)

Amount: \$56.00/hour **Index:** EMMP03 **Activity Code:** ESNP **Updated:** 1/26/2022 by Erica Harry

15876: Microhardness Usage

Characterization of various materials using microhardness system

Amount: \$26.00/hour **Index:** EMMP03 **Activity Code:** ESNP **Updated:** 1/26/2022 by Erica Harry

15881: Malvern Particle Size Analyzer Usage

Analysis of particle size distribution for various powder materials using Malvern system

Amount: \$23.00/hour **Index:** EMMP03 **Activity Code:** ESNP **Updated:** 1/26/2022 by Erica Harry

15929: Instron High Temperature Furnace Model SF 2291 Usage

Hot tensile testing (Evaluation of tensile strengths of materials/alloys at high temperature), maximum temperature= 1200 C

Amount: \$119.00/sample **Index:** EMMP03 **Activity Code:** ESNP **Updated:** 1/26/2022 by Erica Harry

16187: Electromechanical Testing System Usage

Measurement of various materials for characterization using a Universal Electromechanical Testing System

Amount: \$35.00/Machine Hour **Index:** EMMP03 **Activity Code:** EJPP **Updated:** 1/26/2022 by Erica Harry

16226: Gleeble Setup

Setup fee for each unique test series (i.e. hot ductility tests vs CCT vs iso-T)

Amount: \$173.00/Setup **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

16229: Gleeble usage

Thermo-mechanical materials testing in Gleeble 3500; strain rates 0.001/s to 50/s, heating/cooling rates up to 10,000 C/s, peak temperature 1500C, high vacuum or inert atmosphere. 10 hour minimum to cover set up charges

Amount: \$173.00/Machine Hour **Index:** EMMP03 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

16240: Offsite Vacuum Testing of Pipe Seals

Test pipe seals at off-campus location under vacuum conditions for 10 minute intervals. Pipes provided by customer pre-sealed.

Amount: \$205.00/Hour **Index:** EMMP04 **Activity Code:** **Updated:** 6/1/2022 by Erica Harry

16272: Heat Treatment Set-Up

Setup fee for each unique test series and generation of heat treatment report

Amount: \$325.00/set-up **Index:** EMMP03 **Activity Code:** EJDT **Updated:** 6/13/2022 by Erica Harry

CNC Machining Services**9343: CNC Machining Services**

Provide development services including CNC Machining, 3D Printing, wood, metal or composite fabrication work.

Customers can provide completed designs for manufacturing or have design services completed. Rate includes any design time and machine setup time.

Amount: \$60.00/hour **Index:** EMM020 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

Wind Tunnel Testing**11943: Wind Tunnel Testing**

Provide testing services for wind tunnel experiments. Customer provides models, materials, and supplies. Any supplies sold would be sold at cost. Rate is for wind tunnel facility use plus operator.

Amount: \$485.00/Hour **Index:** EMMP25 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

12001: Open Wind Tunnel Testing

An aerolab wind tunnel with 12" x 12" cross section, max. speed of 140 mph with no load. A sting balance to measure normal, axial, and pitching/yawing movement available. Smoke flow visualization is also available. Rate includes operator time plus facility time. Customers are to provide test model, materials, and supplies. Any supplies sold would be sold at cost.

Amount: \$291.00/Hour **Index:** EMMP25 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

Energy Efficiency Assessments**10717: Energy Efficiency Assessments**

The OSU Energy Efficiency Center (OSU EEC) provides support to clients in improving system efficiencies, reducing waste, improving productivity and reducing net energy costs. Hourly rate plus direct costs (travel, etc.). Rates based on experience level of technician: Undergraduate student \$18/hour, Graduate student \$35/hour, Faculty \$91/hour.

Amount: \$18.00 - \$91.00/Hour **Index:** EMMP20 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

10875: Simple Energy Efficiency Assessment & Project Support

OSU Energy Efficiency Center (OSU EEC) undergraduate student driven energy efficiency assessment and project support with faculty and graduate student oversight, mentorship and support. Hourly rate plus direct costs (travel, etc.).

Amount: \$37.00/Hour **Index:** EMMP20 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

10890: Complex Energy Efficiency Assessment & Project Support

OSU Energy Efficiency Center (OSU EEC) faculty driven energy efficiency assessment and project support with graduate and undergraduate student participation. Hourly rate plus direct costs (travel, etc.).

Amount: \$72.00/Hour **Index:** EMMP20 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

10972: Standard Energy Efficiency Assessment & Project Support

OSU Energy Efficiency Center (OSU EEC) graduate student driven energy efficiency assessment and project support with faculty oversight, mentorship and support, and undergraduate student participation. Hourly rate plus direct costs (travel, etc.).

Amount: \$51.00/Hour **Index:** EMMP20 **Activity Code:** **Updated:** 3/24/2022 by Erica Harry

College of Forestry/Forest Research Lab**Computer Services****Instructional Computing Facilities**

Purpose: These fees are based on the replacement values of the equipment being provided, the underlying network infrastructure costs for the computing lab and the estimated consultation time is necessary to show customers how to operate equipment and/or assisting with equipment set-up.

Applicability: A rental fee is charged if the equipment is used by a Quantitative Services Group (QSG) customer in hosting an event (related to supported work) that charges fees to attendees. Rent is also charged if a QSG customer uses the equipment for work outside their QSG supported work. All rental rates are per day charges and not to be pro-rated.

3227: Computing Lab Rental

Rental of an instructional computing lab.

Amount: \$510.00/day **Index:** FOR079 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9652: Equipment Rental

Fee for QSG customers to rent laptops or projectors for lengths of time, or tasks, not specified in QSG policies.

Amount: \$5.00/unit/day **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Quantitative Sciences Group Service Center

Purpose: Fees are received through the QSG service center for services that are provided by the Forestry Computing Resources group (FCR). Strategy, vision and planning for FCR are provided by the Forestry Computing Committee, a broad-based group representative of service providers and users. FCR is funded by a direct allocation from the College for instructional computing support and through fees received through the QSG service center. FCR provides support only for members of the College of Forestry and authorized partners.

Applicability: The Quantitative Sciences Group (QSG) is a service center in the College of Forestry which supports a charge to provide high quality computing support. QSG functions as a partnership between the College, several governmental agencies and other research organizations that provide mutually supportive computing services.

3305: Private UNIX Workstation (unlimited backup)

Administration and backup of UNIX workstations.

Amount: \$235.00/account/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3299: Fully Supported User Fee

Assistance w/ computers and network support.

Amount: \$120.00/user/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3307: Extended Helpdesk Fee

Extended assistance.

Amount: \$116.00/person/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3308: Troubleshooting

Troubleshooting services may also be negotiated on a project, rather than hourly, basis.

Amount: \$60.00/hour **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3301: Network Access Account Charge: User Account

Network access for one account

Amount: \$40.00/account/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3300: Non-Supported Customer Fee for Workshop Attendance

Computing workshop are open to those who do not pay QSG Helpdesk fees on a space available basis.

Amount: \$20.00/instruction hour **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3309: Networked Workstation Charge

Recurring charge for networked workstation.

Amount: \$40.00/machine/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3311: Non-Workstation Network Device

Network port and IP address registration for network enabled devices other than workstations (i.e. printers).

Amount: \$5.00/device/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3313: Plotter Print Job Charge

Covers paper, ink, salary, and equipment expenses for using large scale plotter for posters.

Amount: \$7.50/square foot **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9129: Disk Space and Admin

Standard, high performance server space

Amount: \$1.00/GB/year **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9131: Data Backup

Fee covers infrastructure, administration, and media costs for backups of data located on the network with 3 options:

- 6-month data retention – Backed up nightly, with the possibility of a restore 6 months old \$1.11/gb/yr

- 3-month data retention – Backed up nightly, with the possibility of a restore 3 months old \$0.93/gb/yr

- Quarterly backup – Backed up once per quarter, with the possibility of a restore 1 year old \$.70/gb/yr

Amount: \$0.70 - \$1.11/GB/year **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9133: Private Server Admin

Price/month + \$100 if on backup. Those who purchase private servers will be charged B and C (backup and private server admin) but will be providing their own extended disk space, A. •FCR system administration (\$75/month) is required on all private servers on the Forestry network in order to minimize system incompatibilities and security problems. Private servers are also required to be on manufacturer's maintenance. •If the private server will be backed up, an additional \$100 annual fee covers the backup client license and annual backup software and hardware maintenance required to backup an additional machine. •The server must have a current hardware maintenance contract to remain under the administration of FCR. Typically, the first 3 years of hardware maintenance are covered in the initial purchase of the hardware. Annual hardware maintenance fees beyond the initial contract are the responsibility of the project.

Amount: \$75.00/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9278: Color Printing Services

Color Printing Services are only available to QSG customers.

\$0.15 per page (letter); \$0.18 per page (legal); \$0.26 per page (11x17 inches).

Amount: \$0.15 - \$0.26/page/side **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

10578: Specialized Software

Specialized software for research groups will be purchased and installed/maintained for access by identified users. Actual cost per program or license will be shared equally among the identified users.

Amount: \$2.50 - \$1,000.00/license **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

10579: Disk Space and Admin – No Back-up

User provided additional server space for data. Data remains on server and is not backed-up to tape.

Amount: \$0.09/GB/year **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

11308: Services Available from Quantitative Sciences Group

Database development, user requirements analysis, web interface technology, user interface development, GIS mapping interface development, software/modeling usability.

Amount: \$60.00/Hour **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

11447: Specialized Website Hosting

Hosting fee to cover administration of server and specialized software set-up/maintenance for website.

Amount: \$37.50/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

11987: High Performance Computing Administration

Administration and backup of High Performance Computing (HPC), as well as master node replacement on a 3-year cycle. An HPC consists of a master node and any number of computer nodes managed through the master. The fee is charged monthly.

Amount: \$400.00/month **Index:** FOR078 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Forest Ecosystems & Society

Department Vehicle Usage

15385: Research Vehicle Usage Fee

Use of department-owned vehicle for research purposes.

Amount: \$0.47/mile **Index:** FOR728 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Off Road Research-site Access

10503: SnowCat Operator Fee

SnowCat is a complicated and expensive piece of equipment that requires a certified driver. Any renter who has not been certified to operate the machine must pay for a driver during all hours of use. Rental is limited to OSU, US Forest Service and other university/agency employees/students who are performing official duties for their position.

Amount: \$200.00/day **Index:** FOR728 **Activity Code:** FHJE **Updated:** 3/1/2022 by Christina Fierro

11452: SnowCat Operations & Maintenance

Fee to support the costs for fuel, oil, and preventative maintenance to keep machinery operating in a safe and reliable mode, so users won't be stranded in isolated areas. Rental is limited to OSU, US Forest Service and other university/agency employees/students who are performing official duties for their position. SnowCat may only be driven by qualified operator, and operations fee does not include a driver - see Operator Fee.

Amount: \$150.00/day **Index:** FOR728 **Activity Code:** FHJE **Updated:** 4/14/2022 by Christina Fierro

Cooperative Chemical Analytical Laboratory (CCAL)

Applicability: The analysis and fees are suggested prices based on a \$65/hour lab fee. Samples requiring considerably more time will require adjustments. The availability of analysis is subject to change and the laboratory supervisor should be contacted for current schedules. (541)737-5122.

3178: Filtering

Filtering of water samples

Amount: \$22.00/analysis **Index:** FOR169 **Activity Code:** **Updated:** 4/12/2022 by Kathryn Motter

3179: Alkalinity as Calcium Carbonate

Alkalinity by titration to pH 4.5.

Amount: \$17.00/analysis **Index:** FOR169 **Activity Code:** **Updated:** 4/13/2022 by Kathryn Motter

3180: pH

pH Measurement

Amount: \$11.00/analysis **Index:** FOR169 **Activity Code:** **Updated:** 4/13/2022 by Kathryn Motter

3181: Specific Conductance

Measurement of specific conductivity at 25C

Amount: \$15.00/analysis **Index:** FOR169 **Activity Code:** **Updated:** 4/12/2022 by Kathryn Motter

3183: Cations: Na, K, Ca, Mg

Atomic absorption spectrophotometry of cations.

Amount: \$17.00/each **Index:** FOR169 **Activity Code:** **Updated:** 4/12/2022 by Kathryn Motter

3184: Cations Analyses: Other Elements by Request

Method: Atomic Absorption Spectrophotometry (calc form for 3183 and 3184)

Amount: \$17.00/additional element **Index:** FOR169 **Activity Code:** **Updated:** 4/12/2022 by Kathryn Motter

3188: Hardness Analyses

Method: Calculation from Ca & Mg

Amount: \$2.00/analysis **Index:** FOR169 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

3189: Ion Balance Analyses

Method: Calculation

Amount: \$1.50/analysis **Index:** FOR169 **Activity Code:** **Updated:** 3/18/2022 by Kathryn Motter

3192: Auto Analyzer: Nitrite (NO2-N)

Method: Diazotization

Amount: \$22.00/analysis **Index:** FOR169 **Activity Code:** **Updated:** 4/12/2022 by Kathryn Motter

3193: Auto Analyzer (Ammonia NH3-N)

Method: Phenate. Calculation Form for # 3193, 3194, 3195, 9865

Amount: \$21.00/sample **Index:** FOR169 **Activity Code:** **Updated:** 4/13/2022 by Kathryn Motter

3194: Auto Analyzer: Silica (Si)

Method: Molybdate. Calculation Form for # 3193, 3194, 3195, 9865

Amount: \$21.00/analysis Index: FOR169 Activity Code: Updated: 4/13/2022 by Kathryn Motter

3195: Auto Analyzer: Nitrate and Nitrite(N02-N, N03-N)

Method: Cadmium reduction. Calculation Form for # 3193, 3194, 3195, 9865

Amount: \$21.00/analysis Index: FOR169 Activity Code: Updated: 4/13/2022 by Kathryn Motter

3202: Solids Analyses: Dissolved and/or Total, Suspended

Method: Total filtrable residue and total nonfilterable residue \$18.00 for suspended solids and \$21.00 for dissolved solids

Amount: \$19.00 - \$21.00/analysis Index: FOR169 Activity Code: Updated: 4/13/2022 by Kathryn Motter

3204: Dissolved/Total Inorganic & Organic Carbon

Method: Combustion-Infared.

Amount: \$22.00/sample Index: FOR169 Activity Code: Updated: 4/13/2022 by Kathryn Motter

3207: Annual Summary of Test Results

A 12 month compilation of all analytical results for an individual client. Archived datasets are pulled, consolidated and provided in a single report.

Amount: \$35.00/report/year Index: FOR169 Activity Code: Updated: 4/12/2022 by Kathryn Motter

9127: Anions Analyses(chloride, sulfate,fluoride,bromide,nitrate,nitrite & phosphorus)

Method: Ion Chromatography. There is a \$21 set-up fee added to all orders in addition to the per sample cost.

Amount: \$6.00/sample Index: FOR169 Activity Code: Updated: 4/12/2022 by Kathryn Motter

9128: Auto Analyzer: Total Nitrogen & Total Phosphorus

Method: Persulfate Digestion.

Amount: \$32.00/analysis Index: FOR169 Activity Code: Updated: 4/13/2022 by Kathryn Motter

9865: Auto Analyzer: OrthoPhosphorus (PO4-P)

Testing for orthophosphorus in water sample.

Amount: \$21.00/sample Index: FOR169 Activity Code: Updated: 4/13/2022 by Kathryn Motter

9867: Bottle Cleaning

Acid wash sample bottles for sample collection. Customers may provide their own new/used sample bottles, or borrow used bottles from CCAL. Bottles may be purchased at current retail price and then be charged for bottle cleaning. New sample bottles will be soaked in acid bath and rigorously cleaned to remove manufacturing impurities. Used bottles will be washed, and then rinsed with an acid solution.

Amount: \$3.00 - \$6.00/bottle/used or new Index: FOR169 Activity Code: Updated: 4/12/2022 by Kathryn Motter

9868: Carboy Cleaning

Clean and sterilize carboy prior to test analyses. Customers may provide their own new/used sample bottles or borrow used bottles from CCAL. New sample bottles will be soaked in acid bath and rigorously cleaned to remove manufacturing impurities. Used bottles will be washed, and then rinsed with an acid solution. The price is \$6/used bottle cleaning and \$16/new bottle cleaning.

Amount: \$6.00 - \$16.00/Carboy/used or new Index: FOR169 Activity Code: Updated: 4/12/2022 by Kathryn Motter

9869: Prewash Filters

Prewash filters before CF/C or GF/F analyses for improved accuracy. Price varies with filter size - size/47mm for \$3; 90mm for \$6.

Amount: \$3.00 - \$6.00/Filter Index: FOR169 Activity Code: Updated: 4/12/2022 by Kathryn Motter

10082: General Laboratory Services

Technicians will devise and conduct specialized water analyses not otherwise listed in this fee schedule. Technicians will discuss desired factors with client and propose a suitable methodology for conducting the tests. If agreed upon by client, service will be provided at hourly rate plus the cost of any consumable lab supplies.

Amount: \$65.00/hour Index: FOR169 Activity Code: Updated: 4/12/2022 by Kathryn Motter

10577: Color Analyses (visual comparison)

test via color kit

Amount: \$5.00/sample Index: FOR169 Activity Code: Updated: 3/18/2022 by Kathryn Motter

10763: Turbidity

test sample for turbidity with turbidimeter

Amount: \$15.00/sample Index: FOR169 Activity Code: Updated: 3/18/2022 by Kathryn Motter

Forest Eng, Resources & Mgmt

Forest Soils

Applicability: Provides common-use instruments, tools, sample analysis, and repository.

11744: Copper Oxidation Analysis (CuO)

CuO oxidation analysis of solid materials including sediments and soils by microwave assisted hydrolysis and gas chromatography-mass spectrometric (GC-MS) analysis of resulting extracts. Analysis includes hydrolysis, extraction, centrifugation, standard preparation and instrument maintenance. Data workup can be done either by the user or, for additional per sample cost, by technician overseeing the instrument.

Amount: \$176.00/Sample **Index:** FOR762 **Activity Code:** **Updated:** 3/1/2022 by Christina Fierro

14132: Carbon and Nitrogen Elemental Analysis (C/N)

Carbon and nitrogen elemental analysis (C/N) of solid materials including sediments and suspended particles captured on filters by high temperature combustion. If necessary, acidified samples are compared with unacidified samples to differentiate inorganic and organic carbon. This fee represents weighing, packaging, and analyzing samples by the Forest Soils Lab. Preparation (drying, sieving, grinding, acidification) can be done for the Forest Soils Lab for a fee.

Amount: \$12.00/sample **Index:** FOR762 **Activity Code:** **Updated:** 3/1/2022 by Christina Fierro

14133: Forest Soils Lab - Field and Laboratory Technician

Analytical instrumentation and technical services are available to internal and external users. Fees cover expenses incurred, including salaries/OPE and communications.

Amount: \$50.00/hour **Index:** FOR762 **Activity Code:** **Updated:** 3/1/2022 by Christina Fierro

15569: Soil Hydraulic Properties

Fee includes quantification of saturated hydraulic conductivity (Ksat) and a full, high-resolution soil moisture release curve for individual, undisturbed soil samples. Ksat is quantified using either the falling head or constant head technique. The soil moisture characteristic curve (relationship between volumetric soil water content and matric potential) is quantified over ~3-7 days (depending on the soil physical characteristics) using the HYPROP2 and WP4C instruments.

Amount: \$50.00/sample **Index:** FOR762 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Oak Creek Greenhouse

15384: Oak Creek Greenhouse Usage Fee

Monthly usage fee for one bench in the Oak Creek Greenhouse. Additional costs for special projects not included in the Usage Fee and will be billed to the user's project at cost for materials or with the Oak Creek Greenhouse Labor and Consulting Fee.

Amount: \$40.00/table/month **Index:** FOR762 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15545: Oak Creek Greenhouse Labor and Consulting

Special projects performed at the Oak Creek Greenhouse which are not the fiscal responsibility of the College of Forestry or included in the Usage Fee and will be billed to the user project at cost for materials and hourly for labor. Labor cost is determined by staff performing the services based on complexity of the project. Labor to be charged at \$15/hour for undergraduate student, \$48/hour for graduate student, \$38/hour for Faculty Research Assistant, and \$70/hour for Project Manager.

Amount: \$15.00 - \$70.00/hour **Index:** FOR762 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Technical Assistance

14651: Light Load UAS w/ Pilot

The light load UAS (unmanned aerial system) is a drone with a load capacity of maximum 1kg. The daily rental (8 hours) of this UAS includes a professional pilot. Both a Post-Doc researcher and a PhD student will be on site. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$840.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

14652: Light Load UAS w/ Standard Visible Camera and Pilot

The light load UAS (unmanned aerial system) is a drone with a load capacity up to 1kg. This package includes a standard visible camera on the UAS in order to take images of the flight zone. The daily rental (8 hours) of this UAS includes a professional pilot. Both a Post-Doc researcher and a PhD student will be on site. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$888.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

14653: Heavy Load UAS w/ Pilot

The heavy load UAS (unmanned aerial system) is a drone with a load capacity up to 3kg. With this capacity it is possible to attach scientific sensors. The daily rental (8 hours) of this UAS includes a professional pilot. Both a Post-Doc researcher and a PhD student will be on site. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$1,676.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

14654: Heavy Load UAS w/ Lidar Package and Pilot

The heavy load UAS (unmanned aerial system) is a drone with a load capacity up to 3kg. This package includes a Lidar on the UAS in order to take Lidar images of the flight zone. The daily rental (8 hours) of this UAS includes a professional pilot. Both a Post-Doc researcher and a PhD student will be on site. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$2,269.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

14655: Heavy Load UAS w/ Hyperspectral Camera and Pilot

The heavy load UAS (unmanned aerial system) is a drone with a load capacity up to 3kg. This package includes a hyperspectral camera on the UAS in order to take images of the flight zone. The daily rental (8 hours) of this UAS includes a professional pilot. Both a Post-Doc researcher and a PhD student will be on site. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$2,400.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

14656: Processing of Remote Sensing Data

Process the remote sensing data and compile reports to customers. Work may be done by faculty or a graduate student.

Amount: \$51.00/hour **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

15698: Medium Load UAS w/ Multispectral and/or Thermal Camera(s) and Pilot

The medium load UAS (unmanned aerial system) is a drone with a load capacity up to 3kg. This package includes a multispectral and/or thermal camera on the UAS in order to take images of the flight zone. The daily rental (8 hours) of this UAS includes a professional pilot. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$1,220.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

15699: Light Load UAS w/ Multispectral Camera and Pilot

The light load UAS (unmanned aerial system) is a drone with a load capacity up to 1kg. This package includes a multispectral camera on the UAS in order to take images of the flight zone. The daily rental (8 hours) of this UAS includes a professional pilot. Extra charge applies for pilot transportation and UAS shipping (billed at actual cost) and for pilot per diem (billed in accordance with OSU published per diem rates).

Amount: \$915.00/day/unit **Index:** FOR304 **Activity Code:** FWIN **Updated:** 4/14/2022 by Christina Fierro

15700: UAS Platform and Sensor Customization

Physical and mechanical customizerion of UAS platforms and related sensors to facilitate efficient UAS flight and remote sensing operations. Cost includes use of 3D printer and fabrication tools. Parts and 3D printer material billed at actual cost.

Amount: \$50.00/hour **Index:** FOR304 **Activity Code:** FWIN **Updated:** 3/1/2022 by Christina Fierro

Water Sample Analysis**14247: Water Isotope Analysis (d2H and d18O)**

Oxygen and hydrogen isotopes are analyzed in liquid water samples with Stable Isotope Ratio Infrared Spectroscopy (IRIS) technology. The instrumentation setup includes an IRIS Picarro L230-i-Analyzer with a vaporizer module couple with auto sampler at high precision mode. Values are reported as delta values related to international standards from the International Atomic Energy Agency. The lower fee applies for liquid samples NOT requiring filtration. The higher fee will apply if filtration is required.

Amount: \$19.50 - \$24.50/sample **Index:** FOR762 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15382: Travel Trailer Cleaning Fee

Hourly labor charge for cleaning 2002 Carson Funrunner 20' Travel Trailer.

Amount: \$32.00/hour **Index:** FOR762 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Seedling Quality Evaluation Services

Applicability: Rates are based on time and materials necessary to conduct tests, analyze data and provide reports to customers. Members of the Nursery Technology Cooperative receive a 10% discount on all fees.

3228: MORPHOLOGICAL EVALUATION: Basics Service Package

testing lots of 40 seedlings

Amount: \$45.00/lot **Index:** FOR168 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3231: Cold Hardiness Evaluation

Testing of lots of 60 seedlings in programmable freezer.

Amount: \$80.00/lot **Index:** FOR168 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

3233: Data Analysis

Technician provides a detailed analysis and explanation of testing data.

Amount: \$15.00/evaluation **Index:** FOR168 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9870: Specialized Seedling Testing

Custom testing and analyses may be provided to clients as time and capabilities exist. Desired services will be discussed with clients and an estimate provided before any testing occurs. Specialized work may include measurement of tap root length, root growth potential, dry weights, preparation for nutrient analyses or other evaluations as determined to be useful. Large seedling lots (>75cm tall or >10mm in diameter) will incur an additional \$5 per lot handling fee.

Amount: \$55.00/hour **Index:** FOR168 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Forest Protection

Forestry Labs

Applicability: Fee covers time of Facility Manager, use of all specialized equipment related to Facility, laundry services and necessary consumable supplies. Fees will be prorated for lesser periods of occupancy. Additional charges may accrue for actual replacement and removal of HEPA filters and any other special decontamination activities required during or between individual research projects.

11489: Quarantine Laboratory Fee

Lab was constructed and outfitted as an USDA APHIS bio-level 3 containment facility (only one in the NW). It is fully self-contained for air, water and sewer. All ventilation passes through high cost HEPA filters that must be routinely replaced. All drains feed into steam sterilization tanks that must be cycled before water is released to sewer systems. All people entering the facility must change into disposable garments and pass through a shower on exiting. Rate of \$50 per week plus \$2.29/square foot.

Amount: \$50.00/week + \$2.29/square foot **Index:** FOR030 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

12087: Peavy Hall Instrument Room Equipment Fee

Faculty, Staff, and Students are able to check out equipment, tools and instruments from the Peavy Hall Instrument Room for use in graduate and undergraduate classes, Outreach and Extension, and research activities both on and off campus and are liable for lost or damaged items. Fee is levied for lost or damaged items.

Amount: \$1.00 - \$5,000.00/Item **Index:** FOR003 **Activity Code:** F495 **Updated:** 4/14/2022 by Christina Fierro

Forestry & Natural Resources Extension

Fire Program

16242: Technical Assistance

Provide technical analysis and resource assessments that evaluate the status and trends of natural resources uses and/or conditions. Additional costs of travel may be added to hourly amount if necessary.

Amount: \$98.00/labor hour **Index:** FOR186 **Activity Code:** **Updated:** 6/1/2022 by Christina Fierro

16268: Outreach

Design and implement outreach processes to support natural resource management.

Amount: \$65.00/labor hour **Index:** FOR186 **Activity Code:** **Updated:** 6/13/2022 by Christina Fierro

16269: Geospatial Data and Systems

Development and use of spatial data and geographic information systems to support natural resource management.

Amount: \$91.00/labor hour **Index:** FOR186 **Activity Code:** **Updated:** 6/13/2022 by Christina Fierro

16270: Facilitation and Organizational Support

Convene partnership processes, meetings, and workshops which can include designing, coordinating, and managing processes/meetings/workshops; facilitating the meeting/workshop; meeting with principals and stakeholders; writing workshop report. Travel and materials will be billed at cost.

Amount: \$72.00/labor hour **Index:** FOR186 **Activity Code:** **Updated:** 6/13/2022 by Christina Fierro

16271: Community Wildfire Protection Planning

Assist counties and communities in updating and implementing community wildfire protection plans.

Amount: \$72.00/labor hour **Index:** FOR186 **Activity Code:** **Updated:** 6/13/2022 by Christina Fierro

Technical Assistance

16185: Technical Assistance

Fee is for time required to evaluate client request and develop a suitable plan which may include data analysis and written reports. Additional charges may be assessed for mileage, equipment rental, and any other materials or supplies at cost.

Amount: \$104.00/hour **Index:** FOR432 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Forestry Administration**Peavy Arboretum Facility Rental**

Applicability: Rental of the Forestry Club Cabin and the Peavy Lodge at the Peavy Arboretum can be arranged through Jessica Fitzmorris in the College of Forestry Dean's Office.

16192: Peavy Arboretum Facility Rental - Internal Events

Rental of the Lodge or the Forestry Club Cabin at the College of Forestry's Peavy Arboretum to OSU units for a full day. Half day rentals are \$300.

Amount: \$600.00/day **Index:** FORPVY **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Forestry Communications Group

Applicability: Fees are based on hourly rate of time expended in writing, editing and processing manuscripts, chapters, brochures, posters and other forms of written communication. Special rates may be negotiated for unique or urgent requirements.

4931: Publications Design

Users are charged for graphic design or editing work, plus actual cost of required materials

Amount: \$60.00/hour **Index:** FOR837 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

9125: General Media Production

Production of artwork for web delivery, CD- and DVD-based materials, websites, and other digital media.

Amount: \$62.00/hour **Index:** FOR837 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15800: Web Site Development

Users are charged for web site development and design services.

Amount: \$50.00/hour **Index:** FOR837 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Forestry Projects & Maintenance

Applicability: Fees are based on an hourly rate for actual time required to plan and complete repairs, alterations, fabrications or other construction activities plus the actual cost of materials used for the work.

3236: Forestry Projects & Maintenance

Fees are based on an hourly rate for actual time required to plan and complete repairs, alterations, fabrications, or other construction activities plus the actual cost of materials used for the work.

Amount: \$50.00/hour **Index:** FOR838 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

TallWood Design Institute**TallWood Design Institute****14980: Wood Products Testing**

Fee is for time required to evaluate client request, develop a suitable testing plan, set up equipment, conduct testing, analyze data gathered, and prepare a written summary of test results. Hourly fee for labor for specific research, development of testing plan, equipment setup, pre-approved testing, as well as preparation of assessment summary and test results for client by College of Forestry personnel using College equipment and software. Additional charges may be assessed for actual costs of consumables or other testing materials, costs associated with disposal of samples, equipment/facility rental, and travel expenses.

Amount: \$89.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15856: CNC Operation

Initial setup, simulation and operation of Biesse Uniteam UT-9 5-axis computer numerical control timber processing center. The machine performs fabrication operations on wood panels and beams, such as trimming, cutting and routing to accommodate connectors, mechanical, electrical and plumbing services, and wood-to-wood joinery. Depending on the complexity of the project additional programming hours may be required. Additional supplies billed at cost.

Amount: \$224.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15857: Planer/Molder Use

Initial setup and operation of Leadermac LMC 460 Planermac molder. The machine performs operations on rough lumber such as S4S, and standard and custom profiles. Additional supplies billed at cost.

Amount: \$182.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15858: Robotic Cell Use

Initial setup, simulation and operation of Kuka industrial robot work cell. The robot can perform wood milling with a high degree of flexibility. Depending on the complexity of the project additional programming hours may be required. Additional supplies billed at cost.

Amount: \$190.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15859: Hydraulic Timber Press Use

Layup, gluing, and cold pressing of wood-based panels up to 8' x 10' in dimension.

Amount: \$113.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15880: CNC/Robotic Cell Programming Time

Programming and processing of digital design files using computer-aided-design or computer-aided-manufacturing software to prepare for milling or machining operations using a CNC machine or industrial robot cell.

Amount: \$96.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15950: Creep Test

Setup, initial testing, continuous monitoring, and takedown of creep testing. The creep tests are ongoing and can last many months to years. The initial setup contains most of the work, while the main testing is monitoring the change in force and displacements. This test requires designated space over an extended period of time, which the space will not be able to be utilized for other projects until test completion. Depending on the complexity of the project additional hours may be required. Additional supplies billed at cost.

Amount: \$986.00/month of testing **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15976: Test Design/Data Analysis

For testing that does not fall under any current standard or previous work a test design will need to be implemented. Test design will entail choosing sample dimensions, setting up testing matrices, designing test setups, and configuring different sensors. Once testing is complete data analysis will need to be performed. This will be considered as any further investigation of the raw data, other than a report of averages and basic figures. Amount of hours depend on the complexity of the project.

Amount: \$84.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15977: Bending Test

Initial setup, testing, and takedown of bending tests. Bending tests are performed within a steel frame which has a hydraulic actuator attached, so to apply a bending force. The sample dimensions will determine the proper actuator, as well as how loading and unloading of the sample will be performed. Larger samples will require the use of the crane, while smaller samples can be loaded by hand. Depending on the complexity of the project additional hours may be required. Additional supplies billed at cost.

Amount: \$176.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15978: Compression or Tension Testing

Setup, testing, and takedown of compression and tension tests. These tests are general types that can have a variety of different configurations. the typical equipment used would be steel framing, hydraulic actuators, and different sensors to measure load and displacement. Depending on the complexity of the project additional hours may be required. Additional supplies billed at cost.

Amount: \$175.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

15979: Racking Test

Initial setup, testing, and takedown of racking tests. The bottom of racking test is anchored to a steel base, while the top is attached to a load distribution beam. The beam distributes the force of the actuator, which is anchored to the reaction wall. Depending on the complexity of the project additional hours may be required. Additional supplies billed at cost.

Amount: \$175.00/hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

16204: Resin Applicator Use

Setup, calibration, use, and tear-down of resin applicator system. The system allows for the controlled application of one and two part resins commonly used in engineered wood products.

Amount: \$137.00/machine hour **Index:** FOR186 **Activity Code:** **Updated:** 4/14/2022 by Christina Fierro

Wood Sci/Engr

Wood Spalting

15844: Wood Spalting

Sale of various pieces of wood artwork made from fungi color development and specialized technical processing. Unit price will be based on number of colors used and/or method to produce item. Item will be charged at list price available in department to ensure they are being charged at a consistent rate. List Prices are: unspalted-\$50; Bleaching only-\$100; Bleaching and Zone Lines-\$160; Monochrome-\$210; Bichrome-\$350; Trichrome-\$470; Quadchrome-\$550; Qunitchrome-\$775; and Custom Artwork with Qunitchrome-\$1000.00. Shipping and Handling added as applicable.

Amount: \$50.00 - \$1,000.00/Item **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

WSE Projects & Maintenance

Applicability: Fees are based on an hourly rate for actual time required to plan and complete repairs, alterations, fabrications or other construction activities plus the actual cost of materials used for the work.

14286: WSE Projects & Maintenance

Fees are based on an hourly rate for actual time required to plan and complete repairs, alterations, fabrications, or other construction activities plus the actual cost of materials used for the work.

Amount: \$50.00/hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

Forest Products Analysis

Applicability: Forest Research Laboratory scientists will provide specialized knowledge to assist businesses or individuals with the use, development and improvement of wood based products intended for commercial uses.

11875: Wood-based Materials and Product Testing/Analysis

Fee is for time required to evaluate client request, develop a suitable testing plan, set up equipment, conduct testing, analyze data gathered and prepare a written summary of test results. Additional charges may be assessed for costs of consumables or other testing materials, and costs associated with disposal of samples. Hourly fee/charge for labor for specific research, development of testing plan, equipment setup, pre-approved testing, as well as, preparation of assessment summary and test results for client, by College of Forestry personnel using college equipment and software. Additional charges may be assessed for mileage, equipment rental, and any other materials or supplies at cost, as well as any costs incurred for disposal of samples. Labor to be charged at \$20/hour undergraduate student, \$50/hour graduate student and \$70/hour for Project Coordinator, and \$100 Project Manager/Faculty.

Amount: \$20.00 - \$100.00/hour **Index:** FOR761 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

Forest Product Testing

Applicability: Fees are based on an hourly rate for time expended in preparing and evaluating provided sample and for providing verbal or written report as requested. Additional charges may accrue for cost of consumable supplies and use of special equipment and techniques required beyond 10-x viewscope.

15179: MCMEC Single Unit Chamber Usage

Custom test requiring controlled environment using Multi-Chamber Modular Environment Control system. One unit is equal to a two-week period (minimum)

Amount: \$787.00/Period **Index:** FOR115 **Activity Code:** **Updated:** 4/6/2022 by Angela Haney

15530: ABT (Automatic Boil Tester)

Fee is for use of automatic boil tester to perform adhesive characterization. Unit is a per day rate (minimum 24 hours)

Amount: \$50.00/Day **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15817: Composites Lab - Hot Press

For use of: Hot-press and peripheral equipment in Composites Lab; rotating blender; cold press; roll coater, at an hourly rate.

Amount: \$20.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15818: Dry Kiln Use

For Use of Wellons Dry Kiln for drying lumber and various bio-based materials.

Amount: \$9.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15819: QUV Accelerated Weathering Tester

Fee is for hourly use of QUV Accelerated Weathering Tester - Cabinet UV and water accelerated weathering device. Exposing specimens to extreme conditions in chamber.

Amount: \$2.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15820: DIC system use (Digital Image Correlation)

For use of Digital Image Correlation system; which includes cameras, peripherals, and associated software. Unit is at hourly rate.

Amount: \$15.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15821: UTM - Universal Testing Machine

For use of Universal Testing Machine (Instron, Sintech, DMA, Impact Tester) Testing for characterizing mechanical properties. Unit is at hourly rate.

Amount: \$20.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15822: MTS - Materials Testing Machine

For use of 40 KIP Universal Testing Machine manufactured by MTS for evaluating mechanical properties of materials. Unit is at hourly rate.

Amount: \$25.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

15823: High Bay Strong Floor Use

For use of High Bay Strong Floor and Reaction Wall. Unit is at hourly rate.

Amount: \$70.00/Hour **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

16055: Soil Block Decay Testing

Wood Decay Testing. Fee is based on sample as unit.

Amount: \$25.00/Sample **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

16097: X-ray Fluorescence Analysis for Liquid Samples

Wood treatment solutions are assayed for metal content using a Hitachi Lab-X supreme x-ray fluorescence analyzer. Fee is based on test.

Amount: \$30.00/Test **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

16099: Wood Sample Grinding

Wood samples are ground to pass a standard mesh size in preparation for downstream chemical analysis. This is typically done using 1 - 5g wood samples. Fee is based on sample.

Amount: \$10.00/Sample **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

16110: X-ray Fluorescence Analysis of Wood Samples

Ground wood samples are assayed for metal content using a Hitachi Lab-X supreme x-ray fluorescence analyzer. Fee is based on test.

Amount: \$25.00/Test **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

16111: Methylisothiocyanate analysis using GC/MS

Wood samples are extracted using an organic solvent and extraction are analyzed for methylisothiocyanate (MITC) content. Measurements are done using Gas Chromatography/Mass Spectrometry (GC/MS). Fee is based on test.

Amount: \$12.50/Test **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

16148: Fungal Culturing from Wood Samples

Wood samples (cores, blocks, environmental samples) are sub-sampled and plated on nutrient agar media. Malt agar and benlate-containing malt agar are used as substrates. Analysis includes classification of fungi as "decay", "non-decay" and "dematiaceous" fungi. Fee is based on test.

Amount: \$15.00/Test **Index:** FOR115 **Activity Code:** **Updated:** 4/1/2022 by Angela Haney

College of Liberal Arts**Music Department****Applied Music Fees****16251: Audio & Video Recording Service**

Fee for audio and video recording of recitals per hour.

Amount: \$49.00/hour **Index:** CLAAC7 **Activity Code:** CAVR **Updated:** 6/1/2022 by Christina Saechao

School of Public Policy**Special Projects****16273: OPAL Research Services**

Provide public policy research services to off-campus and internal clients. Professors, graduate students and undergraduates complete projects that contribute toward the land grant mission of OSU, pursuing economic, social, cultural and environmental progress, while training new generations of graduates who can think critically and offer insights into public policy challenges faced by our communities, state, and nation. Expenses associated with the project such as travel, equipment, and supplies are billed at cost to the customer. Fee = \$66.00/hour/graduate student and \$206.00/hour/professor.

Amount: \$66.00 - \$206.00/hour **Index:** CLAPP7 **Activity Code:** CPAL **Updated:** 6/13/2022 by Christina Saechao

16288: Public Policy Research Services

Provide public policy research services to off-campus and internal clients. Professors, graduate students and undergraduates complete projects that contribute toward the land grant mission of OSU, pursuing economic, social, cultural and environmental progress, while training new generations of graduates who can think critically and offer insights into public policy challenges faced by our communities, state, and nation. Expenses associated with the project such as travel, equipment, and supplies are billed at cost to the customer. Fees = \$66.00/hour/graduate student and \$111.00/hour/professor.

Amount: \$66.00 - \$111.00/hour **Index:** CLAPP7 **Activity Code:** **Updated:** 6/13/2022 by Christina Saechao

College of Pharmacy**Pharmacy Services****High Throughput Screening Services****15837: High Throughput Screening Services**

Chemical Compound screening analysis. Labor cost only, consumables billed separately.

Amount: \$90.00/hour **Index:** PHR031 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

15838: High Throughput Screening Services (Machine use)

Chemical Compound screening analysis. Machine use only, consumables are billed separately.

Amount: \$50.00/hour **Index:** PHR031 **Activity Code:** **Updated:** 4/21/2022 by Dawn Price

15955: LCMS Metabolomics Testing

Machine and staff time for LCMS Natural Metabolomics testing performed by College of Pharmacy personnel

Amount: \$48.00/hour **Index:** PHR032 **Activity Code:** **Updated:** 4/21/2022 by Dawn Price

16012: HTSS - Minor Equipment Usage

Fee for use of minor equipment by customers.

Wellmate bulk dispenser, Wellmate w/stacker bulk dispenser, Multiflo bulk dispenser, Biotek ELx405 CW Plate Washer, Rainin P200 Liquidator and Thermo Forma Biosafety Cabinet

Amount: \$30.00/hour **Index:** PHR031 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

LCMS-Liquid Chromatography-Mass Spectrometry**15783: LCMS for natural products metabolomics**

HPLC Q-ToF mass spectrometric analysis for small molecules including but not limited to secondary metabolites and natural products

Amount: \$44.00/machine/staff hour **Index:** PHR032 **Activity Code:** **Updated:** 4/21/2022 by Dawn Price

College of Public Health and Human Sciences**School of Bio & Pop Hlth Sci****Biomechanical Analysis**

Applicability: Standard analysis involves the recording of a person's movements and the generation of a report or data set that quantitatively describes the movement.

15750: Six Degrees of Freedom Motion Simulator

Hourly use of six degrees of motion simulator equipment

Amount: \$383.00/hour **Index:** HHS171 **Activity Code:** **Updated:** 4/14/2022 by Dawn Price

Enzyme Analysis**15927: Labor - Post Doc**

Labor by post-doc to perform testing. Testing kits and supplies are charged at cost. Test to be performed include Bile Salt-Stimulated Lipase, Lysozyme Activity, Catalase Activity, Glutathione Peroxidase Activity, and PAF Acetylhydrolase Activity.

Amount: \$46.00/hour **Index:** HHS160 **Activity Code:** **Updated:** 6/3/2022 by Dawn Price

16056: PI Labor

Labor costs for PI, Dave Dallas.

Amount: \$121.00/hour **Index:** HHS160 **Activity Code:** **Updated:** 4/14/2022 by Dawn Price

Facility Rental

Applicability: An \$8.00 administrative contract fee will be assessed for each contract.

439: Classrooms, Activity Rooms and Pool rentals

Fee to reserve the swimming pools located in Langton Hall and the Women's Building as well as activity/classrooms in Langton Hall, Milam Hall and the Women's Building

Amount: \$25.00/Hour **Index:** HHS141 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

11198: Lifeguards

Lifeguards are required to be on duty when the pool is in use. The number of lifeguards vary by the number of individuals using the pool. The fee is now per lifeguard per hour.

Amount: \$15.00/hour/Lifeguard **Index:** HHS141 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

Human Performance Laboratory Testing

Purpose: Fees cover cost of facility upkeep, equipment and salaries.

Applicability: All Oregon State affiliates receive a 20 percent discount on lab fees

15152: Body Composition Analysis - Multifrequency Bioelectrical Impedance

Analysis by multifrequency bioelectrical impedance.

Amount: \$49.00/test **Index:** HHS026 **Activity Code:** **Updated:** 6/21/2022 by Dawn Price

IMPACT

Purpose: Fee covers cost of facility, equipment and lifeguards.

Applicability: The clinic provides specialized programs for persons with disabilities.

10517: Impact for Life (ages 21-35)

This fee is to cover access to off-campus facilities, labor, staff training, and supply expenses with providing the program. A sliding scale is available based on family's ability to pay.

Amount: \$50.00/Term **Index:** HHS144 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

Mercury Analysis**15883: Total Mercury - Soil**

Mercury analysis for soil samples

Amount: \$60.00/sample **Index:** HHS158 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

15884: Total Mercury - Blood, Hair, Water, etc.

Total mercury analysis for blood, hair, water, etc samples

Amount: \$85.00/sample **Index:** HHS158 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price

15885: Mercury Analysis - MeHg (all samples)

Methyl mercury analysis for all sample types

Amount: \$174.00/sample **Index:** HHS158 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price**Nutrition Test****4667: Full Nutrient panel analysis**

Lab based analysis.

Amount: \$80.00/sample **Index:** HHS135 **Activity Code:** HEH3 **Updated:** 4/15/2022 by Dawn Price**9122: Trace Element Panel analysis**

lab based analysis.

Amount: \$51.00/Sample **Index:** HHS135 **Activity Code:** HEH3 **Updated:** 4/15/2022 by Dawn Price**9123: Single Element Analysis**

lab based analysis.

Amount: \$35.00/Sample **Index:** HHS135 **Activity Code:** HEH3 **Updated:** 4/15/2022 by Dawn Price**9586: Nutrition Services**

The services of a trained professional Nutritionist to perform the following: nutrition assessment (lab tests are extra); diet assessment: calculations/diet history/food frequency; anthropometrics; nutrition education/subject assistance; research protocol design assistance

Amount: \$73.00/Hour **Index:** HHS135 **Activity Code:** HMFC **Updated:** 4/15/2022 by Dawn Price**9587: Human Feeding-Study Services**

The services of a trained professional Research Technician to perform the following: recipe development; preparation of research meals (cost of food not included); measuring food; serving food/meals; assembling pick up food; entering nutrient data base.

Amount: \$42.00/Hour **Index:** HHS135 **Activity Code:** HMFC **Updated:** 4/15/2022 by Dawn Price**14489: Nutrition Education Outreach and Instruction**

The services of the Moore Family Center staff to perform the following: recipe development, Nutrient database entry, curriculum development and /or instruction specific to group's needs.

Amount: \$78.00/hour **Index:** HHS135 **Activity Code:** HMFC **Updated:** 4/15/2022 by Dawn Price**15522: Nutrition Education Outreach & Instruction(non-credit)**

The services of the Moor Family Center Staff to perform the following: recipe development, nutrient database entry, curriculum development and/or instruction specific to groups needs.

Amount: \$154.25/Session **Index:** HHS135 **Activity Code:** HMFC **Updated:** 4/15/2022 by Dawn Price**16019: MFC Blender Bike/Grain Mill Rentals**

Moore Family Center (MFC) promotes whole grains as a source of good nutrition. MFC makes novel participant operated equipment available for health-related events. The equipment includes Blender Bikes for making smoothies, a rowing machine that mills grains, and a hand-operated mill. The rental fees are as follows: \$21.00 - Sunshine Nugget Grain Mill/rental, \$46.00 - Blender Bike/rental, \$46.00 = Rowing Grain Mill/rental

Amount: \$21.00 - \$46.00/Machine/Event **Index:** HHS159 **Activity Code:** **Updated:** 4/15/2022 by Dawn Price**OSU Academic Diving Center****15206: Scuba Gear Rental**

Rental fee for use of OSU Academic Diving Center scuba equipment. Cost will range from single piece of equipment to full scuba suit, tank, & regulator. Rental pricing and lost/damaged gear replace costs can be found on the PAC web page and will be added to other web pages on campus related to diving instruction/certification. Rental longer than a week will add cost.

Amount: \$6.00 - \$95.00/rental **Index:** HHS140 **Activity Code:** **Updated:** 4/12/2022 by Dawn Price**Skeletal Biology Laboratory****9491: DXA, Rat or Mouse Whole Body**

Dual energy x-ray absorptiometry of rat or mouse whole body

Amount: \$47.00/Scan **Index:** HHS155 **Activity Code:** **Updated:** 6/21/2022 by Dawn Price**9492: DXA, Rat or Mouse Axial or Appendicular Bone**

Dual energy x-ray absorptiometry of rat or mouse axial or appendicular bone

Amount: \$30.00/Scan **Index:** HHS155 **Activity Code:** **Updated:** 6/13/2022 by Dawn Price**9493: Micro CT of mouse or rat bone**

Micro computed tomography of bone specimen from mouse or rat

Amount: \$156.00/Volume of interest in Bone **Index:** HHS130 **Activity Code:** **Updated:** 6/21/2022 by Dawn Price**9494: Histomorphometry (undecalcified) of rat or mouse bone, embedding and cutting**

Histomorphometry of a rat or mouse bone, embedding and cutting.

Amount: \$150.00/Specimen **Index:** HHS155 **Activity Code:** **Updated:** 6/13/2022 by Dawn Price

9495: Histomorphometry of Rat or Mouse bone, Ultraviolet Microscopy

Histomorphometry of rat or mouse bone, UV Microscopy

Amount: \$156.00/specimen **Index:** HHS155 **Activity Code:** **Updated:** 6/21/2022 by Dawn Price**9496: Histomorphometry of Rat or Mouse bone, Staining**

Histomorphometry of Rat or Mouse bone, Staining.

Amount: \$30.00/Specimen **Index:** HHS155 **Activity Code:** **Updated:** 6/13/2022 by Dawn Price**9497: Histomorphometry of Rat or Mouse bone, Light Microscopy**

Histomorphometry of Rat or Mouse bone, Light Microscopy.

Amount: \$195.00/Bone **Index:** HHS155 **Activity Code:** **Updated:** 6/21/2022 by Dawn Price**9498: Histomorphometry of Human Iliac Crest Biopsy**

Histomorphometry of Human Iliac Crest Biopsy.

Amount: \$904.00/Biopsy **Index:** HHS155 **Activity Code:** **Updated:** 6/23/2022 by Dawn Price**10724: Micro CT of Cortical Bone**

Micro CT scans of Cortical Bone

Amount: \$62.00/Specimen **Index:** HHS155 **Activity Code:** **Updated:** 6/21/2022 by Dawn Price**15145: High Resolution Micro CT of Mouse or Rat**

Micro computed tomography of bone specimen from mouse or rat. This is 8 X the resolution of the regular Micro CT scan.

Amount: \$426.00/Volume of interest in the bone **Index:** HHS130 **Activity Code:** **Updated:** 6/23/2022 by Dawn Price**15278: DXA Whole Body Scan-Self Study**

This Rat or Mouse whole body scan is similar to fee #9491 except that lab personnel are not doing the research, an authorized researcher is doing the work so payroll has been removed, only consumable supplies and a share of the equipment maintenance is being charged.

Amount: \$20.00/animal tested **Index:** HHS155 **Activity Code:** **Updated:** 6/23/2022 by Dawn Price**College of Science****Biochemistry and Biophysics****Analytical Services****15273: UP Facility: Hourly rate for Technical Work**Rate for unnatural protein screening, expression, optimization. All media, supplies, ncAA, shipping material, etc. will be billed at cost. See web page for details. <http://upf.science.oregonstate.edu/>**Amount:** \$81.00/hour **Index:** SBB007 **Activity Code:** SBUP **Updated:** 6/1/2022 by Jonathan Rosa**15274: UP Facility hourly rate for consulting work**Rate for unnatural protein screening, expression and optimization. All media, supplies, ncAA, shipping material, etc will be billed at cost. See web page for details <http://upf.science.oregonstate.edu/>**Amount:** \$184.00/hour **Index:** SBB007 **Activity Code:** SBUP **Updated:** 6/1/2022 by Jonathan Rosa**16041: MALS Service - Day Rate Operator Fee**

Multi-Angle Light Scattering analysis equipment operator services to determine molecular masses.

Amount: \$100.00/Day **Index:** SBB007 **Activity Code:** SBLS **Updated:** 4/12/2022 by Jonathan Rosa**16057: MALS Service Facility Usage Fee**

Day rate for the Multi-Angle Light Scattering Services facility for determining molecular masses.

Amount: \$99.00/Day **Index:** SBB007 **Activity Code:** SBLS **Updated:** 4/12/2022 by Jonathan Rosa**Electrophysiology Core Facility****15618: Electrophysiology Core Facility Services Fee**

Hourly rate for the cost of labor and materials associated with Electrophysiology Core Facility training, research and analysis services.

Amount: \$38.00/Hour **Index:** SBB007 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa**15619: Electrophysiology Core Facility Usage Fee**

Hourly rate for the use of the Electrophysiology Core Facility including materials and supplies and the portion of labor required to set-up and maintain resources.

Amount: \$8.50/Hour **Index:** SBB007 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa**Chemistry****Chemistry Electronic Shop Services****9530: Electronic Shop Services**

Hourly charge for the time spent on repair and maintenance of various electronic items. Unique supplies will be charged at cost to the client and are not part of the hourly rate shown.

Amount: \$60.00/hour **Index:** SCH022 **Activity Code:** SCES **Updated:** 4/12/2022 by Jonathan Rosa

Chemistry Machine Shop Services

Purpose: Hourly charge for the time spent on repair and maintenance of various equipment items.

14194: Machine Shop Services

Hourly charge for the time spent on repair and maintenance of various equipment/machines. Unique supplies will be charged at cost to the client and are not part of the hourly rate shown.

Amount: \$60.00/hour **Index:** SCH022 **Activity Code:** SCMS **Updated:** 4/12/2022 by Jonathan Rosa

Spectrometry**15613: Electrospray Ionization Mass Spectrometry**

Costs associated with collecting Electrospray Ionization Mass Spectrometry data on solutions.

Amount: \$34.00/Sample **Index:** SCH201 **Activity Code:** SCMN **Updated:** 4/12/2022 by Jonathan Rosa

Chemistry Stores

Purpose: The Oregon State Chemistry stores provides chemicals and laboratory supplies to all OSU researchers and educators, state agencies, and districts within the Oregon Public School system. Products stocked include liquid nitrogen, dry ice, and a variety of other chemicals, lab supplies and office supplies.

9804: Chemical and Laboratory Supplies

Prices and locations of all products stocked are listed in notebooks at the sales counter and online at:

<http://www.chemistry.oregonstate.edu/chemstores>. 6% of the purchase price will be assessed an administrative fee upon billing.

Amount: market value **Index:** SCH006 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

Scanning Probe Microscopy Services**14531: Octet Red96 Biosensor**

Hourly fee to use the Octet Red96 biosensor. Instructions provided by the Loesgen Lab. Data Analysis not provided. Users must supply their own biosensor tips.

Amount: \$11.00/hour **Index:** SBB201 **Activity Code:** SBMI **Updated:** 4/18/2022 by Jonathan Rosa

X-Ray Diffractometry Services**4651: Complete Crystal Structure Determination**

Collect data of single crystal and determine complete crystal structure

Amount: \$300.00/Sample **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

4652: Qualitative Powder Data Collection

Other thin film data Collection 10-70 degree 2 theta [using facility manager]

Amount: \$100.00/hour **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

4653: Other Powder or Other thin film diffraction data collection

Other film data collection[without using a facility manager]

Amount: \$5.00/sample **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

4654: Sample Preparation

one hour minimum

Amount: \$75.00/hour **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

10058: Unit-cell determination

Standard per sample cost for unit-cell determination. Additional costs may be added through data analysis and facility manager time.

Amount: \$25.00/sample **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

10100: Facility Manager Time

Facility Manager hourly rate for consultation, training and specialized equipment modifications.

Amount: \$54.00/hour **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

14648: SAXS Data Collection

Small-angle X-Ray Scattering to collect X-ray scattering data on solutions or solids. We will provide support on training, software installation, data processing

Amount: \$17.00/Sample **Index:** SCH201 **Activity Code:** SCMN **Updated:** 4/12/2022 by Jonathan Rosa

14776: Single Crystal Data Collection

Collect Data on a single Crystal

Amount: \$124.00/sample **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

16145: Single Crystal X-Ray Instrument Use

Individual operation of single crystal X-Ray diffraction instrument.

Amount: \$10.00/Machine hours **Index:** SCH022 **Activity Code:** SCXR **Updated:** 4/12/2022 by Jonathan Rosa

Integrative Biology**Curatorial Services****14719: IB Student Curatorial Support**

Hourly charge for the time spent by student workers on curation activities for Integrative Biology

Amount: \$13.00/hour **Index:** SZO010 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

Microbiology**David/Sharpton Lab****15806: Gut Microbiome Sample Processing**

Preparation of stool sample batches to be analyzed. Includes DNA Extraction and 16S Library Prep. Additional CGRB sequencing fees for standard MiSeq will be charged at the external rate (currently \$2,320).

Amount: \$38.00/sample **Index:** SMB011 **Activity Code:** SMTS **Updated:** 4/12/2022 by Jonathan Rosa

Fecal Studies in Water Samples

Purpose: Fees are to cover costs for normal maintenance and upgrades.

4661: Fecal Bacteroidetes Analysis

Three primers; one general and two specific consumables, labor, mailing and admin costs.

Amount: \$60.00/sample **Index:** AMB538 **Activity Code:** SMKF **Updated:** 4/12/2022 by Jonathan Rosa

4666: Additional Primers Analysis

Identify primers as requested to test for presence of other than specific fecal sources.

Amount: \$60.00/sample **Index:** AMB538 **Activity Code:** SMKF **Updated:** 4/12/2022 by Jonathan Rosa

Fish Parasite Assay

Purpose: The fee is to cover the costs of reagents (enzymes, nucleotide, etc.)supplies, labor and mailing & processing.

Applicability: This service is to perform a PCR assay for the fish parasite, Ceratomyxa shasta

2872: PCR Assay

Assay for detection of the parasite Ceratomyxa shasta in tissue. Results are positive or negative. Standard C. shasta PCR assay is used on fish or invertebrate host tissues.

Amount: \$20.00/Sample **Index:** AMB538 **Activity Code:** AMJB **Updated:** 4/12/2022 by Jonathan Rosa

9485: QPCR Fish Assay

QPCR Assay for detection of the parasite Ceratomyxa shasta in water samples and tissue. Fish tissue, invertebrate host tissue and water sample results may be used for genotyping. The water sample results are quantitative.

Amount: \$40.00/Sample **Index:** AMB538 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

14183: Genotyping Assay

Genotyping of the parasite Ceratomyxa shasta from fish tissue, invertebrate host tissue and water samples. Purified DNA is necessary for this assay. Results determine the presence of sub genotypes of C. shasta.

Amount: \$31.00/sample **Index:** AMB538 **Activity Code:** AMJB **Updated:** 4/12/2022 by Jonathan Rosa

Salmon Disease Lab Tank Rentals**9610: Tank Rental non-flow through Aquaria tanks**

OSU rental for non-flow through Aquaria tanks per day

Amount: \$0.46/Day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

9611: Tank Rental-25 L heated/chilled inside tank

OSU tank rental charge for 25 L heated/chilled water tank per day.

Amount: \$2.52/Day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

9612: Tank Rental-100 L heated/chilled inside tank

OSU tank rental charge for 100 L heated/chilled water tank per day.

Amount: \$2.56/Day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

9613: Tank Rental-3 ft Diameter-ambient water outside tank

OSU tank rental charge 3ft diameter ambient water outside tank per day.

Amount: \$2.48/Day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

9614: Tank Rental-4ft/5ft Diameter-ambient water outside tank

OSU tank rental charge for 4ft/5ft Diameter-ambient water outside tank per day.

Amount: \$2.66/Day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

9616: Tank Rental - Incubator

OSU tank rental charge for incubator per day.

Amount: \$2.04/Day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

11750: BSL2 Containment Dry Laboratory

Includes exclusive use of room, biosafety cabinet (certification, service, decontamination), waste stream autoclave/incineration, and disposal, etc. (OSU Clients)

Amount: \$11.00/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

11751: BSL2 Isolation Room/Containment Wet Laboratory

Facilities lease for BSL2 isolation room or using non-native species/pathogens or BSL2 level pathogens. Includes exclusive use of isolation tank room, necropsy area, refrigerator, decontamination, waste stream autoclave/incineration and disposal etc. Does not include tank fees. (OSU Clients)

Amount: \$11.00/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

11753: Hourly Student Support

Provide support for requested project assistance. Can include animal care and husbandry, health checks, feeding, tank set up, cleaning and disinfecting and collection of samples if needed. (OSU clients)

Amount: \$15.00/hour **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

11754: Technician/Staff Support

Provide support for requested project assistance. Can include husbandry, health checks, feeding, tank set up, cleaning and disinfecting and collection of fish samples or filtering of water samples if needed. May also include assistance with ACUPs, literature searches. May include minor procedures such as tagging, necropsy, tissue collection, formalin or hydrogen peroxide treatments, bacterial streaks etc. Can include assistance with ACUPs, limited literature searches, experimental set up fabrication/ minor plumbing changes.

Amount: \$42.00/hour **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

14184: Tank Rental-25 L ambient inside tank

OSU tank rental charge for 25 L ambient water tank per day.

Amount: \$2.28/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

14185: Tank Rental-100 L ambient inside tank

OSU tank rental charge for 100 L ambient water tank per day.

Amount: \$2.32/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

14186: Tank Rental-3 ft Diameter ambient water inside tank

OSU tank rental charge for 3 ft.ambient water inside tank per day.

Amount: \$2.62/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

14187: Tank Rental-3 ft Diameter heated/chilled water inside tank

OSU tank rental charge for 3 ft. heated/chilled water inside tank per day.

Amount: \$3.01/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

15422: Tank Rental-9L ambient inside tank

OSU tank rental charge for 9L ambient water inside tank per day.

Amount: \$0.76/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

15423: Tank Rental-9L heated inside tank

OSU tank rental charge for 9L heated water inside tank per day.

Amount: \$0.84/day **Index:** AMB538 **Activity Code:** SMJF **Updated:** 4/12/2022 by Jonathan Rosa

Physics**Minot Nanoelectronics Lab****11798: Atomic Force Microscopy Imaging**

Use of facility and equipment for data acquisition and analysis

Amount: \$80.00/hour **Index:** SPH201 **Activity Code:** SPMP **Updated:** 4/12/2022 by Jonathan Rosa

14197: Carbon Nanotube Growth System

Use of facility and equipment for growing carbon nanotubes on surfaces

Amount: \$117.00/Hour **Index:** SPH201 **Activity Code:** SPMP **Updated:** 4/12/2022 by Jonathan Rosa

Pulsed Laser Deposition Services

Applicability: Fees cover expenses incurred: including salaries, OPE, instrument maintenance, and expendable supplies. Does not include specialty targets or substrates.

11459: Thin Film Deposition

Fee is for deposition services for customer-supplied target and substrate.

Amount: \$100.00/sample **Index:** SPH201 **Activity Code:** SPLD **Updated:** 4/12/2022 by Jonathan Rosa

11460: Optical or Other Characterization

Fee is for optical or electrical characterization of samples. The base fee covers costs associated with technician/graduate student time for data acquisition, equipment maintenance, and consulting. The higher fee covers the cost of time associated with analysis of data.

Amount: \$100.00/hour **Index:** SPH201 **Activity Code:** SPLD **Updated:** 4/12/2022 by Jonathan Rosa

Science Research Clusters**Nuclear Magnetic Resonance Services****9524: 400 MHz Instrument Time: Day**

Hourly charge for 400 MHz NMR instrument use during day.

Amount: \$12.00/hour **Index:** SCI015 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

9525: 400 MHz Instrument Time: Night

Hourly charge for 400 MHz NMR instrument use at night.

Amount: \$4.00/hour **Index:** SCI015 **Activity Code:** **Updated:** 6/1/2022 by Andrew Kuback

11724: NMR Facility Staff Time

Fee for the time of Facility Manager or NMR Director to prepare samples, and process and interpret data on an hourly basis as needed. Facility Manager assistance is \$52/hr and NMR Director assistance is \$86/hr.

Amount: \$52.00 - \$86.00/Hour **Index:** SCI015 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

11796: 500 Mhz instrument time Day

Hourly charge for use of 500 MHz equipment during peak hours for internal users.

Amount: \$12.00/hour **Index:** SCI015 **Activity Code:** SN5S **Updated:** 4/12/2022 by Jonathan Rosa

11797: 500 Mhz instrument time Night

Hourly charge for use of 500 MHz equipment during off-peak hours for internal users.

Amount: \$4.00/hour **Index:** SCI015 **Activity Code:** **Updated:** 6/21/2022 by Andrew Kuback

10323: 700 MHz Instrument time: Day

Hourly charge for use of 700 MHz NMR equipment during the day.

Amount: \$15.00/Hour **Index:** SCI015 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

10324: 700 MHz Instrument Time: Night

Hourly charge for use of 700 MHz NMR Equipment during the night.

Amount: \$5.00/Hour **Index:** SCI015 **Activity Code:** **Updated:** 6/21/2022 by Andrew Kuback

14893: 800MHz NMR Instrument Time: Day

Hourly charge for 800MHz NMR instrument use during the day

Amount: \$11.00/hour **Index:** SCI015 **Activity Code:** **Updated:** 4/13/2022 by Andrew Kuback

14895: 800MHz NMR Instrument Time: Night

Hourly charge for 800MHz NMR instrument use during the night

Amount: \$5.00/hour **Index:** SCI015 **Activity Code:** SN8E **Updated:** 4/12/2022 by Jonathan Rosa

15625: Protein Production

For production of proteins to be used in NMR analysis

Amount: \$58.00/hour **Index:** SCI015 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

15632: Analytical Ultracentrifuge

Use of the ultracentrifuge on a per run basis. \$155 for internal academic users, \$206 for external academic users, and \$258 for private industry users.

Amount: \$155.00 - \$258.00/each **Index:** SCI015 **Activity Code:** SNAC **Updated:** 4/12/2022 by Jonathan Rosa

Statistics - Science**Statistical Consulting, Computing and/or Survey Work**

Applicability: Provided by the Department of Statistics as a public service. A fee is charged for services performed.

4668: University Community - GRA/GTA

Provide statistical consulting on experimental design and analysis; prepare report

Amount: \$52.00/hour **Index:** SST002 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

4669: University Community - RA

provided by department for public service

Amount: \$85.00/hour **Index:** SST002 **Activity Code:** **Updated:** 4/12/2022 by Jonathan Rosa

4670: University Community - Faculty

provided by department for public service

Amount: \$112.00/hour**Index:** SST002**Activity Code:****Updated:** 4/12/2022 by Jonathan Rosa**Survey Research Center - Statistics Operations**Surveys**9536: Surveys conducted by GTA/GRA**

Surveys designed, completed and analyzed by Survey Research Center GTA/GRA's for OSU Clients.

Amount: \$62.00/hour**Index:** SST015**Activity Code:****Updated:** 4/12/2022 by Jonathan Rosa**9630: Surveys completed by research asst**

Surveys designed, completed, and analyzed by Survey Research Center research assistant for OSU clients

Amount: \$85.00/hour**Index:** SST015**Activity Code:****Updated:** 4/12/2022 by Jonathan Rosa**9631: Surveys completed by faculty**

Surveys designed, completed, and analyzed by Survey Research Center faculty for OSU clients

Amount: \$112.00/hour**Index:** SST015**Activity Code:****Updated:** 4/12/2022 by Jonathan Rosa**14686: Survey work by students**

Hourly charge for the time spent by hourly undergraduate student workers on survey projects.

Amount: \$14.00/hour**Index:** SST015**Activity Code:****Updated:** 4/12/2022 by Jonathan Rosa**College of Veterinary Medicine****Animal Health Research**Sterile Mouse Program**15253: Technician Services****Amount:** \$47.54/hour**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15254: White Mouse Daily Care**

Housing, feeding, and cleaning supplies.

Amount: \$0.77/daily**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15255: Black Mouse Daily Care**

Housing, feeding, and cleaning supplies.

Amount: \$0.69/daily**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15256: Shipping container & handling**

Labor and supplies for packaging mice for shipping.

Amount: 10% percentage**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15257: Shipping charges**

Labor and charges for shipping to customer per industry standards

Amount: 30% percentage**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15258: White Mouse - 3 Weeks**

White Mouse at 3 weeks of age.

Amount: \$108.68/each**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15259: Black Mouse - 3 Weeks**

Black Mouse at 3 weeks of age.

Amount: \$107.32/each**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15260: White Mouse - Additional Week**

Per week charge for every week after 3 weeks of age. This is in addition to the base 3 week.

Amount: \$5.44/each**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**15261: Black Mouse - Additional Week**

Per week charge for every week after 3 weeks of age. This is in addition to the base 3 week.

Amount: \$4.89/each**Index:** VMDSMP**Activity Code:****Updated:** 4/19/2022 by Dawn Price**Clinical Research**Biobank**11556: Non-Renewable Snap Frozen Tissue Sample****Amount:** \$212.00/200mg**Index:** VCS340**Activity Code:****Updated:** 4/19/2022 by Dawn Price**11558: Non-Renewable Slow Frozen Tissue Sample in Trizol****Amount:** \$106.00/ug RNA**Index:** VCS340**Activity Code:****Updated:** 4/19/2022 by Dawn Price

11559: Non-Renewable Snap Frozen Tissue Sample in RNAlater

Amount: \$106.00/ug RNA Index: VCS340 Activity Code: Updated: 4/19/2022 by Dawn Price

11560: Non-Renewable Snap Frozen Tissue Sample in Media 199

Amount: \$424.00/200mg Index: VCS340 Activity Code: Updated: 4/19/2022 by Dawn Price

11561: Renewable Frozen P1-P3 Tumor/Tissue Culture

Amount: \$318.00/Vial Index: VCS340 Activity Code: Updated: 4/19/2022 by Dawn Price

11562: Renewable Frozen P4-P20 Tumor/Tissue Culture

Amount: \$212.00/Vial Index: VCS340 Activity Code: Updated: 4/19/2022 by Dawn Price

11563: Renewable Frozen P21+ Immortalized Tumor/Tissue Culture

Amount: \$159.00/Vial Index: VCS340 Activity Code: Updated: 4/19/2022 by Dawn Price

Vet Diagnostic Lab

Veterinary Diagnostic Lab

Applicability: The Veterinary Diagnostic Laboratory is a public-supported facility providing a full range of animal disease diagnostic services to veterinarians, livestock producers, pet owners, and biomedical researchers. Usual and customary fee ranges for these services are included within this section. Miscellaneous fees such as shipping, copies, etc. will be charged at cost. New tests or procedures during the year will be charged at the usual and customary rate for similar services.

10751: Incineration

Waste Stream (includes carcasses, bedding, lab waste, and contaminated food) \$1.30/lb Campus Clients

Amount: \$1.62/pound/minimum Index: VDLINC Activity Code: Updated: 4/22/2022 by Dawn Price

11603: Technical Supplies

Any supplies sold to internal customers will be priced per policy.

Amount: \$5.36 - \$64.27/each Index: VDL101 Activity Code: Updated: 4/22/2022 by Dawn Price

Veterinary Teaching Hospital

Hospital Core Services

Applicability: Miscellaneous fees such as shipping, copies, etc. will be charged at cost. The cost of diagnostic testing, hospitalization, and treatment varies depending on the complexity of each case brought to the hospital and the treatment required. Estimates are routinely provided during the initial office visit to each client prior to the commencement of any procedure or service. Usual and customary fee ranges for these services are included within this section. New tests or procedures during the year will be charged at the usual and customary rate for similar services.

11567: Central Sterile Surgery Packs

Amount: \$5.50 - \$54.00/each Index: VTHGCS Activity Code: Updated: 4/22/2022 by Dawn Price

11568: Central Sterile Instrument Sterilization

Amount: \$1.00 - \$54.00/each Index: VTHGCS Activity Code: Updated: 4/22/2022 by Dawn Price

Large Animal Clinic

Applicability: The cost of diagnostic testing, hospitalization, and treatment varies depending on the complexity of each case brought to the hospital and the treatment required. Estimates are routinely provided during the initial office visit to each client prior to the commencement of any procedure or service. Usual and customary fee ranges for these services are included within this section. Miscellaneous fees such as shipping, copies, etc. will be charged at cost. New tests or procedures during the year will be charged at the usual and customary rate for similar services.

14701: Surgical Procedures

Amount: \$26.00 - \$900.00/hour Index: VTL141 Activity Code: Updated: 4/22/2022 by Dawn Price

Dept. of Public Safety

Dept of Public Safety

Campus ID Center

Purpose: The ID Card Fee covers the cost of the materials, equipment and staff overhead for the University ID Center associated with card production services.

Applicability: The ID Card is the basis of visual and electronic verification of eligibility for a variety of University services and programs.

9329: Custom Cards and Badges

Design Set-up charge \$50.00 and \$5.00 ~ \$10.00/Each Custom Card or Badge
\$5.00 = Standard, \$10.00 = Enhanced with proximity chip.

Amount: \$5.00 - \$10.00/Each **Index:** QUB109 **Activity Code:** **Updated:** 3/7/2022 by Cameron Cox

20: Badge/Card Design Fee

The fee for designing a Campus department or organization employee/participant name badge. The per badge/card charge is \$5 each.

Amount: \$50.00/Each **Index:** QUB109 **Activity Code:** **Updated:** 2/18/2022 by Cameron Cox

12003: Annual System Maintenance and Support Fee of Attendance Tracking System

Quarterly fee for the maintenance and support the staff, credit card discount costs, software, and hardware used for ID Card Student Attendance Tracking System. Users are charged credit card discounts based on the number of machines allocated to their department, a variable per swipe cost, and a fixed cost of ID center credit card discounts and per swipe costs for central support of these units. Charges are calculated quarterly with a per quarter minimum.

Amount: \$30.00/Quarterly
Minimum or \$0.03 per
swipe **Index:** QUB109 **Activity Code:** **Updated:** 6/2/2022 by Cameron Cox

15065: Passport Photo

Take passport photo, print and cut photo to correct size.

Amount: \$4.00/Each **Index:** QUB109 **Activity Code:** **Updated:** 4/2/2022 by Cameron Cox

16248: Name Change, Associate, Affiliate, or other ID card issuance fee

Fee includes all ID card productions outside of initial and replacement student and employee cards.

Amount: \$17.00/Each **Index:** QUB109 **Activity Code:** **Updated:** 6/1/2022 by Cameron Cox

16277: Student ID Card Services Fee

Students admitted to OSU as Level 01 (Undergrad), 02 (Grad), or 03 (Special & Post Baccalaureate), or 06 (INTO-OSU).

Amount: \$16.00/Each **Index:** QUB109 **Activity Code:** **Updated:** 6/13/2022 by Cameron Cox

16278: Card Replacement

To replace a lost, stolen or destroyed ID card; or replace a card due to a legal name change.

Amount: \$17.00/Each **Index:** QUB109 **Activity Code:** **Updated:** 6/13/2022 by Cameron Cox

16279: Card/Badge Supplies

Examples of supplies: Hard Case - \$1.00 Flexible Case - \$.25 Retractable Pocket Clip - \$1.50 Lanyard - \$1.00 Key Ring - \$.25 Pocket Clip Small - \$.25 Convivence Cards \$1.00

Amount: \$0.25 - \$1.50/Each **Index:** QUB109 **Activity Code:** **Updated:** 6/13/2022 by Cameron Cox

Records Request

16291: Dept. of Public Safety Labor

This fee is for one hour of labor for a Public Safety employee. The specific rates are; archivist \$49/hr, dispatch manager \$87/hr, and student worker \$15/hr. Minimum charge is 15 minutes.

Amount: \$15.00 - \$87.00/Hour **Index:** QUB003 **Activity Code:** **Updated:** 6/13/2022 by Dwight Brimley

Extension and Engagement

4-H Center

Conference Use

Applicability: For daily conference rates please see the Room Usage fee under the Extension Service Admin.

12037: Cascara or Greider Lodge Use

Daily or overnight use of either Cascara Lodge or Greider Lodge. Greider Lodge includes kitchen use with the rental fee. \$405 will be charged for day use only and up to \$525 for overnight accommodations.

Amount: \$405.00 -
\$525.00/day/night **Index:** TEX150 **Activity Code:** **Updated:** 6/13/2022 by Kathy Chase

Lodging and Meals

12044: Lodging

Covers lodging only at the 4-H Center per night.

Amount: \$31.25/night **Index:** TEX150 **Activity Code:** **Updated:** 6/13/2022 by Kathy Chase

Special Events

12063: BBQ/Company Picnic

Use of 4-H Center facilities for BBQ or company picnic, cost is per person.

Amount: \$22.00/person **Index:** TEX150 **Activity Code:** **Updated:** 3/30/2022 by Kathy Chase

12081: Facilities Rental (Day Use)

Rental rate for 4-H Center for day use of any building. Fee varies depending upon site and incremental costs incurred.

Amount: \$250.00 - \$800.00/day **Index:** TEX150 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

Waterfront

12038: Pool and Canoe Rentals

Pool and Canoe rentals include 1 lifeguard. Additional lifeguards can be requested at \$50 per hour.

Amount: \$100.00/hour **Index:** TEX150 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

Extension Service

Extension Service Admin

15227: Project Management

Project Management services include the development of or consultation on a communications strategy, tactics, and tools to advance the client's overall goals. Project Management may also include coordinating with external and internal vendors, including OSU Printing & Mailing Services, and freelancers (photo, video, design, writing, editing). The assigned project manager will be responsible for coordinating in-house staff to ensure projects are completed within timeline and budget.

Amount: \$74.00/Hour **Index:** TEX667 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

15239: Writing and Editing

News and feature-style writing; substantive and copy editing.

Amount: \$80.00/Hour **Index:** TEX667 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

15240: Web and Content Strategy

Website development and consultation on structure, function, content strategy and organization, and usage analysis.

Amount: \$69.00/Hour **Index:** TEX667 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

15241: Visual Design and Multimedia

Graphic design, photography, videography, motion graphics/animations, and interactive multimedia.

Amount: \$66.00/Hour **Index:** TEX667 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

15888: Malheur Co Vehicle Use Fee

This fee is for the use of a county owed vehicle at Malheur County. The fee is per mile driven.

Amount: \$0.19/Mile **Index:** TEX594 **Activity Code:** **Updated:** 3/28/2022 by Kathy Chase

15982: Rural Community Explorer Data Analytics

Data visualization; assists with needs assessments; qualitative and quantitative data collection, analysis, and interpretation; to assist in community action planning.

Amount: \$64.00/Hour **Index:** TEX673 **Activity Code:** **Updated:** 3/4/2022 by Kathy Chase

16188: Malheur Co Vehicle - Research Use Fee

For Research use of a county owned vehicle at Malheur County. The fee is per mile driven.

Amount: \$0.56/mile **Index:** TEX594 **Activity Code:** **Updated:** 3/4/2022 by Kathy Chase

Professional & Continuing Education (PACE)

Education

15049: Course Enrollment Fee

The nonrefundable \$60 course registration fee is used to reserve a spot for you in our program and to cover administrative costs should you decide to withdraw from our program. This fee is only added to courses over \$350.

Amount: \$60.00/Course **Index:** TEE107 **Activity Code:** **Updated:** 3/18/2022 by Kathy Chase

15050: Course Transfer

Student request to transfer from one offering to another course offering in future term. A course transfer can only be used once per course.

Amount: \$60.00/Course **Index:** TEE107 **Activity Code:** **Updated:** 3/18/2022 by Kathy Chase

15051: Custom Onsite Training Hourly Fee

PACE develops custom employee training for businesses of every size regardless of industry or location. Dedicated corporate training team works closely with your training and human resources groups to customize curriculum that addresses the most pressing challenges facing your organization. This fee is a per hour charge plus the cost of supplies associated with the service.

Amount: \$95.00/Hour **Index:** TEE107 **Activity Code:** **Updated:** 3/18/2022 by Kathy Chase

15053: Online Course Development Hourly Fee

eLearning output, rapid development through template interactions, simple animation, efficient media production. This fee is a per hour charge plus the cost of supplies associated with the service.

Amount: \$95.00/Hour **Index:** TEE107 **Activity Code:** **Updated:** 3/18/2022 by Kathy Chase

16149: Project Management

Coordination, planning, market research, and overall project management for establishing/maintaining programs or projects.

Amount: \$95.00/Hour **Index:** TEE107 **Activity Code:** **Updated:** 3/18/2022 by Kathy Chase

Faculty Affairs

Faculty Affairs

Professional Faculty Leadership Association

Purpose: The individual membership fees will be used to cover monthly meeting space rental, program cost, web site development and maintenance, partial sponsorship award of cash payment and joint sponsorship with the OSU School of Engineering for the Karel J. H. Murphy award with plaque.

Applicability: PFLA mission from the web site is: Providing OSU Professional Faculty with collaboration, mentoring, and leadership opportunities. <http://oregonstate.edu/pfla/about>

4683: Membership Fee

fee to become a member of the organization

Amount: \$30.00/year **Index:** DAA104 **Activity Code:** **Updated:** 4/14/2022 by Darrell Oldfield

Library

Electronic Classroom Software Setup

1946: Electronic Classroom Software Setup

Electronic Classroom Software Setup

Amount: \$162.00/set-up **Index:** DLB016 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

Document Services

1950: Laser Printers Copies

Single sided black & white printing \$.07/page; double sided black & white printing \$.09 page; single sided color printing \$.25/page; double sided color printing \$.40 page

Amount: \$0.07 - \$0.40/copy/page **Index:** DLB037 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

1953: Photocopy Self-Service

Letter = \$.10/copy; Legal = \$.15/copy

Amount: \$0.10 - \$0.15/copy/page **Index:** DLB037 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

11629: 3D Printing

3D Printing-range will be between \$0.16/gram - \$0.24/gram based on difficulty of project and time of year (school term). More time is required for difficult print jobs.

Amount: \$0.16 - \$0.24/gram **Index:** DLB037 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

Inter Library Loan Services

4432: Overdue Fine

Daily fine for overdue ILL or Summit material.

Amount: \$1.00/day **Index:** DLB034 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

Special Collections and Archives

Purpose: Fees of \$10 or more must be paid in advance.

1980: Duplication Fees - Photocopy

Photocopy & microprints, letter = \$0.25/page; photocopy, legal = \$0.35/page; photocopy 11" x 17" = \$0.52/page

Amount: \$0.25 - \$0.52/page **Index:** DLB052 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

1985: Duplication Fee - Scanning

High resolution scanning to file (includes copying to media) = \$3.50/scan; Low resolution (less than 300 dpi) scan = \$1.00/scan.

Amount: \$1.00 - \$3.50/scan **Index:** DLB052 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

1994: Mailing & Handling

Standard = \$6.00/parcel; Rush/Special Delivery (UPS, FEDEX, USPS) = actual cost

Amount: \$6.00/parcel **Index:** DLB052 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

11401: Duplication Fees - Film, Video and Sound

Duplication of CD/DVD files = \$6.00 per disk; transfer of VHS/cassette tapes to digital file = \$31.00/hour; reel-to-reel audio, non-VHS video, motion picture film and other legacy sound and video formats = prices set by Media Services and commercial duplication labs

Amount: \$6.00 - \$31.00/\$6/disk and \$31/hour **Index:** DLB052 **Activity Code:** **Updated:** 2/25/2022 by Seojoon Lee

Human Resources

Human Resources

Association of Office Professionals

Purpose: supports an annual student scholarship of at least \$500.00 and the operating budget of the organization.

4634: Membership Fee

Fee for membership in the organization. Change in membership fee by vote of membership.

Amount: \$20.00/Year **Index:** QFA103 **Activity Code:** QMEM **Updated:** 3/15/2022 by Rochelle Ammon

Information Services

Academic Technologies

Digital Media Visualization Services

1239: Large Format Printing

36" wide per sq.ft (allow 2 work days). Standard paper \$3; Photo glossy/luster Paper \$5.00; Enhanced Matte \$7. 42" wide per sq.ft (allow 2 work days): Standard paper \$4.50; Photo glossy/luster paper \$7; Enhanced matte \$7. Special paper for 36" and 44" wide = special quote.

Amount: \$4.00 - \$15.00/sqft **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/9/2022 by Chieko Duvall

1241: Large Format Lamination

36" wide per square ft. (allow 2 work days). Standard Glossy .3mm \$1.75; Special quote for Matte.

Amount: \$15.00/sqft **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/9/2022 by Chieko Duvall

15208: Large Format Scanning

Large Format Scanning up to 42" wide - allow 2 days

Amount: \$5.00/large format scan **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/10/2022 by Chieko Duvall

Facility Use Rates

11928: TV Facility Use: Television Studio

One camera production and/or lighting. Labor billed separately.

Amount: \$78.00/hour **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

11929: TV Facility Use: Full Television Studio

Use of full television studio equipment; up to 4 television cameras, broadcast lighting and control room for 1 day (8 hours). Labor billed separately.

Amount: \$800.00/day **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

11930: TV Facility Use: Television Classroom

Use of Television classrooms: LPSC125; Owen 102 & 106; Kidder 200, 202, 274, & 278; LINC 100, 128, 200, 210, 228, 302, 314. Labor billed separately.

Amount: \$45.00/hour **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

9174: Non-Linear Editing

Non-linear editing hardware and software

Amount: \$25.00/hour + staff rate **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

9722: Audio Booth

Labor billed separately.

Amount: \$47.00/hour **Index:** JIS072 **Activity Code:** JPRO **Updated:** 3/9/2022 by Chieko Duvall

15250: Multimedia Production Large Studio

Use of equipment in large studio for media production includes lighting, tripod, backdrops and accessories \$50/hr.

Amount: \$50.00/hour **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/10/2022 by Chieko Duvall

15251: Multimedia Production Small Studio

Use of small studio equipment; includes audio recorder, lighting, accessories. \$30/hr.

Amount: \$30.00/hour **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/10/2022 by Chieko Duvall

Media Equipment

10232: Equipment Rental Fee

Rental Fee of media equipment including, but not limited to, video/still cameras, audio recorders, light kits, PA systems, projectors and similar items. Price varies depending on equipment used. Full equipment list and pricing available at <http://IS.oregonstate.edu/academic-technology>. A late fee will be assessed for Media Equipment available for checkout not returned within time limit - First six hours = \$10/item; Day 1 late = \$25/item; Day 2 through 15 late = \$35/day/item; Day 16 - all late charges and full replacement cost of item. Equipment not returned by scheduled return date. If equipment has been lost or is damaged, replacement or repair will be assessed at cost up to \$5020.00 per item.

Amount: \$5.00 - \$100.00/day **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/9/2022 by Chieko Duvall

15175: Media Storage Devices

DVD, USB drive, SD Card, etc...

Amount: \$0.50 - \$50.00/storage device **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/10/2022 by Chieko Duvall

15228: Production Equipment

Use of Production equipment per day/event. Price varies depending on equipment used. Equipment price list available at <http://is.oregonstate.edu/service/multimedia-event-support>. Labor for production billed separately. If equipment has been lost or is damaged, replacement or repair will be assessed at market value or repair cost per item.

Amount: \$1.00 - \$1,000.00/day/event **Index:** JIS072 **Activity Code:** JEQR **Updated:** 3/10/2022 by Chieko Duvall

Photography

14888: Photography - Portrait Sitting

Portrait Sitting in Studio, one person and low resolution file.

Amount: \$35.00/sitting **Index:** JIS072 **Activity Code:** JPBS **Updated:** 3/9/2022 by Chieko Duvall

15232: Photography - Stock Photo HD

High Resolution Stock Photo - limited to one project use only per stock image.

Amount: \$25.00/image **Index:** JIS072 **Activity Code:** JPBS **Updated:** 3/10/2022 by Chieko Duvall

15233: Photography - Buyout rights for 1 year

Photography - Purchase exclusive rights of image for 1 year. Academic Technology will not use the image for any other purpose during the 1 year time period.

Amount: \$100.00/image **Index:** JIS072 **Activity Code:** JPBS **Updated:** 3/10/2022 by Chieko Duvall

15234: Photography - Buyout rights

Photography - Purchase exclusive rights of image

Amount: \$300.00/image **Index:** JIS072 **Activity Code:** JPBS **Updated:** 3/11/2022 by Chieko Duvall

15235: Photography - Stock Photo - Publication Cover Usage

Stock Photo - limited to one project use only per stock image for publication cover usage.

Amount: \$36.00/image/one project **Index:** JIS072 **Activity Code:** JPBS **Updated:** 3/10/2022 by Chieko Duvall

Production Labor Rates

Purpose: Late fee is billed at 1.5 times the straight rate

Applicability: Transmission, Telecom, telephone bridge charges extra. Rates will vary by telecommunications provider.

1150: Media Engineer Labor Rate

Labor time per hour; work done outside of normal business hours will be charged at the overtime rate of 1.5 times the standard rate. Billed in 1/2 hour increments (minimum). Hourly rates: Athletic Engineer \$84/hr, Engineer \$94/hr, Programmer \$97/hr, Streaming \$91/hr, Broadcast \$111/hr, Athletic Technician,\$60/hr, Media Producer \$97/hr, Media Director \$74.5/hr, Technician \$74/hr.

Amount: \$60.00 - \$111.00/hour **Index:** JIS072 **Activity Code:** **Updated:** 6/13/2022 by Chieko Duvall

1190: Media Production Assistant/Student Labor Rate

Production Assistant, Student Labor Time

Amount: \$20.00/hour **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/9/2022 by Chieko Duvall

Student Multimedia Services

4865: Large Format Mounting

Black or White (2 work days) Foamcore: 16"x24" & 36"x48"

Amount: \$66.00 - \$110.00/sheet **Index:** JIS072 **Activity Code:** J266 **Updated:** 6/1/2022 by Chieko Duvall

1299: Scanning

5 work days - to Slides/Negative/Flat Art up to 17" \$1.50 to Large Format up to 42" wide \$5.00.

Amount: \$1.50 - \$5.00/item **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/28/2022 by Chieko Duvall

9715: Production RUSH

Rush Production Fee = minimum of \$55 for each production, up to 100% of total production cost. Creation/Capture Lead Time up to 24 hours - RUSH fee will equal 100% cost of production; 25 to 48 hours - RUSH fee = 50% of cost of production.

Amount: \$55.00/each **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/9/2022 by Chieko Duvall

Technology Across the Curriculum

4896: Faculty Development Staff

Faculty Development Staff

Amount: \$75.00/hour **Index:** JIS072 **Activity Code:** JADM **Updated:** 3/9/2022 by Chieko Duvall

Video Dubbing

Purpose: Tape Duplication(dubbing)non-authored DVD recording and CD/DVD duplication are services provided by Media Services on a time and materials basis. In support of instruction one copy of a program is provided if it is to be used in a class. The class must have a CRN and provide or purchase a tape. Any necessary copyright release must also be provided. The formula for determining dubbing charges for all other OSU customers is provided below: Tape/DVD cost + sleeve cost + label cost + machine time cost for source tape + [machine time cost for record machine(s) x number of machines] technician time = total charge for dubbing. Machine time is determined by the run time of the program(s) being duplicated. Labor rates reflect the total time a technician spends on the job; not the length of the tape.

1126: Video Dubbing - Tape to DVD/Digital

Video Dubbing - tape to DVD/digital (machine time). Hourly rate for machine time; labor time charge billed separately.

Amount: \$6.00/hour **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/9/2022 by Chieko Duvall

1147: DVD Duplicator

Video dubbing from one to multiple DVDs. Hourly for Machine Time - Labor time charge billed separately.

Amount: \$14.00/hour **Index:** JIS072 **Activity Code:** J266 **Updated:** 3/28/2022 by Chieko Duvall

Video/Audio Transmission

Purpose: Total fiber optic video/audio transmission charge = equipment + labor

14111: ENG Transmission

Vyvx, live streaming, and/or transmission. \$75 each additional day - plus labor rate.

Amount: \$173.00/day **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

14112: Installed Transmission

Live streaming and/or transmission from ITV Classrooms. Plus labor rate.

Amount: \$95.00/day **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

1157: IP Teleconferencing

IP Teleconferencing software and maintenance contracts

Amount: \$20.00/hour **Index:** JIS072 **Activity Code:** JENG **Updated:** 3/9/2022 by Chieko Duvall

Client Services

Technology Support Services

1432: Lab Rental Fee

Less than or equal to 25 computer stations = \$35/hour; greater than 25 computer stations = \$45/hour. JIS024/JIS274 JSRV

Amount: \$35.00 - \$45.00/hour **Index:** JIS011 **Activity Code:** **Updated:** 3/25/2022 by Chieko Duvall

4838: Special Non-Contract Projects-CN

Special Non-Contract Projects-Community Network hourly rate

Amount: \$64.00/hour **Index:** JIS111 **Activity Code:** **Updated:** 3/25/2022 by Chieko Duvall

4926: Remote Site Usage - including Server Space

E-mail, remote desktop support, server space. Travel to site is extra and the responsibility of the customer's unit. Cost of on site support not included.

Amount: \$32.00/month/workstation **Index:** JIS111 **Activity Code:** **Updated:** 3/25/2022 by Chieko Duvall

9933: Full Workstation and Network Support

Full Workstation and Network Support

Amount: \$75.00/month **Index:** JIS111 **Activity Code:** **Updated:** 3/25/2022 by Chieko Duvall

9936: E-Station Service

E-Station Service

Amount: \$10.00/month **Index:** JIS011 **Activity Code:** **Updated:** 3/25/2022 by Chieko Duvall

Enterprise Computing Services

Enterprise Computing Services

Applicability: Services for qualifying other agencies (Local, State and Federal).

1113: Data Warehouse/Banner Ad Hoc Request

Data Warehouse/Banner Ad Hoc Request

Amount: \$20.00/each **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1115: Diskettes or CDRs

Diskettes or CDRs

Amount: \$1.00/diskette or CDR **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1116: File Transfer

File Transfer Assistance

Amount: \$1.00/file **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1117: Banner Ad Hoc Request - Print out

Banner Ad Hoc Request - Print out

Amount: \$0.16/printed page **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1119: On Call Analyst

On Call Analyst

Amount: \$11.50/hour **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1120: Operator

Operator

Amount: \$66.50/hour **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1121: On Call Operator

On Call Operator

Amount: \$11.00/hour **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

1118: Staff Programming/Analyst Service

Staff Programming/Analyst Service

Amount: \$70.00/hour **Index:** JIS079 **Activity Code:** **Updated:** 2/28/2022 by Chieko Duvall

IT Infrastructure Services

Hosting Services

10777: Windows Virtual Server

A minimum Windows VM Virtual server with 1 vCPU, 2 GB RAM, 60 GB OS disk and a Windows license will cost \$208 (1 vCPU = \$38.00; 2GB RAM = \$56.00; 60GB OS Disk \$90; Windows Server License = \$24.00). Price per additional vCPU \$38.00/each. Price per additional GB RAM \$28.00/each. If you need more than 8 vCPU or more than 24GB RAM contact OSU-sig@oregonstate.edu.

Amount: \$208.00/year/server **Index:** JIS114 **Activity Code:** **Updated:** 3/28/2022 by Chieko Duvall

4492: SQL Hosting

This fee covers SQL hosting for less than 10gb. For greater than 10gb, add \$3/gb/month.

Amount: \$52.00/database/month **Index:** JIS111 **Activity Code:** **Updated:** 3/25/2022 by Chieko Duvall

10331: Server Backup

Backup services for servers. Price is GB/Month and will be the cumulative cost of data backed up each month.

Amount: \$0.12/GB data/backup/month **Index:** JIS114 **Activity Code:** **Updated:** 6/13/2022 by Chieko Duvall

12105: Capacity Disk

Capacity disk for file services and other unstructured data storage.

Amount: \$0.09/GB/Year **Index:** JIS114 **Activity Code:** **Updated:** 3/28/2022 by Chieko Duvall

12106: Performance Disk

Performance Disk for virtual servers.

Amount: \$1.50/GB/Year **Index:** JIS114 **Activity Code:** **Updated:** 3/28/2022 by Chieko Duvall

15156: Linux Virtual Server

Linux Virtual Server hosting: A Linux VM with 1 vCPU, 1GB RAM and 30GB OS disk will cost \$111/Yr (1*\$38 + 1*\$28 + 30*\$1.50=\$111). Additional vCPUs are \$38/vCPU. Additional RAM is \$28/GB. Additional disk is billed at the performance disk price. If you need more than 8 vCPU or more than 24GB RAM contact us at osu-sig@oregonstate.edu.

Amount: \$111.00/year/server **Index:** JIS114 **Activity Code:** **Updated:** 4/15/2022 by Chieko Duvall

15225: Hourly Server Support

Hourly server management support and consulting for Linux and Windows VMs for managed server customers.

Amount: \$95.00/hour **Index:** JIS114 **Activity Code:** **Updated:** 4/15/2022 by Chieko Duvall

15226: Managed Server

Server management of Windows and Linux VMs, fee per server per month.

Amount: \$91.00/month/Server **Index:** JIS111 **Activity Code:** **Updated:** 3/31/2022 by Chieko Duvall

Shared Infrastructure Group**Information Network****10055: Expanded Online Storage**

Beyond the standard departmental allocation under basic Core Services, additional online storage can be allocated to units or individuals at \$16 per year per 100 GB of RAID protected, backed up storage.

Amount: \$16.00/100 GB/year **Index:** JIS114 **Activity Code:** JDRI **Updated:** 3/24/2022 by Chieko Duvall

10056: Incremental Backup

Any network local server- on campus can be added to the standard backup schedule. Peak monthly usage will be billed monthly at the Expanded Online Storage rate. Along with redundant backups, this service allows restoration of files to the state they were in at the end of any of the previous 30 days.

Amount: \$0.12/Gb/Annually **Index:** JIS114 **Activity Code:** JDRI **Updated:** 6/13/2022 by Chieko Duvall

10090: Unix/Windows Server Management

24/7 Server Support/Service monitoring with pager service. A minimum of 10hrs of system administration support is included that supports OS install, patches & updates. (NOTE: Other unique minor equipment/supplies will be charged at cost to the client and are not part of the hourly rate shown.)

Amount: \$62.00/hour **Index:** JIS114 **Activity Code:** JDRI **Updated:** 4/28/2022 by Chieko Duvall

10908: Web Services

Various web services are offered:

Initial website-\$58 hourly,

Content entry & maintenance (by professional faculty)-\$67 hourly,

Content entry & maintenance (by classified employees)-\$58 hourly,

Content entry & maintenance (by student employees)-\$19 hourly,

SSL secure site setup one-time-\$61 hourly,

Additional Costs:

Other unique minor equipment/supplies (such as SSL certificate) will be charged at cost to the client and are not part of the hourly rates shown.

Amount: \$19.00 - \$67.00/hour **Index:** JIS114 **Activity Code:** JDRI **Updated:** 3/24/2022 by Chieko Duvall

11040: Custom IT Services

Custom IT services to fulfill the needs of researchers or individual faculty/staff will be provided at the technical services rate. (NOTE: Other unique minor equipment/supplies will be charged at cost to the client and are not part of the hourly rate shown.)

Amount: \$63.00/Hour **Index:** JIS114 **Activity Code:** JDRI **Updated:** 3/25/2022 by Chieko Duvall

14223: Colocation Costs

Servers maintained in a controlled and secure environment; UPS powered and protected; daily monitored system logs. Environmentally controlled. Charge based on server size (Number of U's). Minimum service charge is \$204 for 2U of rack space. Over 2U of rack space, increment of \$84/U of rack space is added.

Amount: \$204.00 - \$540.00/server/annual **Index:** JIS114 **Activity Code:** JDRI **Updated:** 6/23/2022 by Chieko Duvall

14260: Virtual Machines

Cosine offers a Virtual Machine Cluster that has capacity to host individual servers virtually. Using a virtual machine provides the ability to run a server at less expensive cost than purchasing as standalone device. This fee is scaled based on the number of resources used by the virtual server and is based on the cost of the hardware within the server.

Amount: \$8.00 - \$37.00/virtual server/monthly **Index:** JIS114 **Activity Code:** JDRI **Updated:** 3/24/2022 by Chieko Duvall

15747: Database Hosting

Annual fee for database hosting. Cost includes minor equipment replacement and service for setup, monitoring, system updates and security patches.

Amount: \$283.00/Year **Index:** JIS114 **Activity Code:** JDRI **Updated:** 3/25/2022 by Chieko Duvall

15843: Allocation Fee - Backup & Storage

This fee covers the cost of processing re-allocation requests for Expanded Storage & Incremental Backup services.

Amount: \$25.00/Allocation **Index:** JIS114 **Activity Code:** JDRI **Updated:** 3/24/2022 by Chieko Duvall

Telecommunication**Telecommunication Recurring Charge**

Purpose: External Customers will only be served if occupying campus-owned facilities. Other agencies (Local, State, and Federal) will be charged at 125% of the internal fee rate. Commercial Customers will be charged at 150% of the internal fee rate.

825: Additional Dir Listing

additional directory listing

Amount: \$4.10/each **Index:** JIS113 **Activity Code:** **Updated:** 3/28/2022 by Chieko Duvall

839: Field Services Labor

This fee is for one hour of Field Services Labor. The specific rates are; Field Tech \$66/hr, Senior Analyst \$109/hr, Analyst \$68/hr, Field Services Manager \$70/hr, and student \$16/hr

Amount: \$16.00 - \$109.00/hour **Index:** JIS113 **Activity Code:** **Updated:** 6/1/2022 by Dwight Brimley

Intercollegiate Athletics**General Operations****Equipment Rental Fees****10795: Rental of Video Product Truck**

Fee for rental and usage for the Video production truck for various events. Includes costs for 2 staff from Media Services who will drive and oversee usage and engineering of the truck.

Amount: \$1,800.00/Day **Index:** YIA044 **Activity Code:** **Updated:** 4/18/2022 by Sam Koken

11886: Cattle Guard Rental

Per day rental of cattle guard panels (steel barricades)

Amount: \$5.00/cattle guard **Index:** YIA045 **Activity Code:** **Updated:** 4/18/2022 by Sam Koken

Facility Rental Fees

Applicability: The OSU Athletic Department reserves the right to negotiate any rental rate to serve the mission of the University and the Department. Catering for all facilities must be coordinated through Beavers Catering Services 737-8822. Game rentals for Goss Stadium, Gill Coliseum, Reser Stadium, Lorenzo Field, and the Softball Complex must be evaluated on a case-by-case basis. Contract Athletic Operations at 541-737-9379 for details and reservation forms.

15562: Event Labor

Fee to cover the costs of meeting space - includes set-up/tear-down and reserving the space. Any unique costs such as custodial, will be billed at cost when necessary. Rate is based upon a combination of student labor at \$12/hour and event management at \$76/hour.

Amount: \$12.00 - \$76.00/Hour **Index:** YIA045 **Activity Code:** **Updated:** 4/18/2022 by Sam Koken

15568: Athletic Facilities or Lighting

Any OSU Athletic Facility or Field Lights that are available for rent. Details regarding the facility and/or lighting plus the pricing will be shown at <http://osubeavers.com/facilities/>. Expenses from third party vendors (i.e. booking fees, cleaning, host/hostess, etc.) will be billed to customer at cost.

Amount: \$50.00 - \$12,500.00/Hour or Event or Day **Index:** YIA044 **Activity Code:** **Updated:** 4/18/2022 by Sam Koken

Marketing**10618: Mascot Appearance**

OSU Athletics Mascot Appearance fee. Mascot can be reserved for public events or private parties or appearances. \$100/hr for University Sponsored or Dept Activity; \$150/hr for Sponsor Event; \$100/hr for first hour, \$30 each additional hour for Non-Profit Organization; \$200/hr for Private Party; \$100/hr for Charity Function. Events outside of Corvallis will also be charged mileage of \$0.35/mile. External customers will be charged an additional \$50 per event for last minute scheduling or cancellations.

Amount: \$100.00 - \$200.00/hour **Index:** YIA043 **Activity Code:** YACT **Updated:** 4/14/2022 by Sam Koken

10619: Message Board

OSU Athletics Message Center request for personal message to appear on scoreboard video screens during athletic events.

Amount: \$50.00/message **Index:** YIA042 **Activity Code:** **Updated:** 4/14/2022 by Sam Koken

15809: Cheer Team Appearance

OSU Cheer Team Appearance fee. This fee covers six cheerleaders per appearance. Cheer Team can be reserved for public events or private parties or appearances. \$100/hr for University Sponsored or Dept Activity; \$150/hr for Sponsor Event; \$100/hr for first hour, \$30 each additional hour for Non-Profit Organizations; \$200/hr for Private Parties; \$100/hr for Charity Functions. Events outside of Corvallis will also be charged mileage of \$0.35/mile. External customers will be charged an additional \$50 per event for last minute scheduling or cancellations.

Amount: \$100.00 - \$200.00/hour **Index:** YIA043 **Activity Code:** YACT **Updated:** 4/14/2022 by Sam Koken

Procurement, Contracts & Materials Management

PCMM

Capital Project Contract Administration

2980: Capital Construction Contracting fee

100% of fully burdened rate of staff member's direct-effort hours to be charged to all contracts in support of Capital Construction projects in excess of \$25K to include consultants and construction

Amount: \$68.00 - \$92.00/hour **Index:** QBA207 **Activity Code:** **Updated:** 6/13/2022 by Cameron Cox

Recycling and Waste Management

Purpose: Waste Management and Recycling fees vary based on type and frequency of service, size and location of container, and rates charged by the contracted vendor. Among others, service types may include regular service on exterior freight docks, will-call service scheduled on an as-needed basis, and large roll-off and compactor service. A detailed description of all rates are provided on the Campus Recycling and Waste Management website found at <http://recycle.oregonstate.edu>.

10242: Confidential Shredding

Confidential shredding fee based on the various forms of material received for destruction. Charged to departments to reduce the amount of material sent to the landfill.

Amount: \$0.40/pound **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

14321: Event Recycling & Waste Management Fee

To cover the costs of delivering, picking up, and disposal of compost, recycling, and trash for events on Campus. Departments must take care in using the container correctly and prevent contamination of the recycling and compost container. A fee will be charged if Campus Recycling must sort a container to dispose of the contents to correct waste stream. A minimum of \$25.00 per hour sorting charge per event for contaminated containers will be charged if Campus Recycling has to sort due to contamination.

Amount: \$25.00/Hour **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

15695: Pallet Pick-up and Disposal

Pallet Pick-up and Disposal

Amount: \$5.00/Pallet **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

15696: Polystyrene Pick-Up and Disposal

Polystyrene Pick-Up and Disposal

Amount: \$10.00/90 Gallon Cart **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

16022: Glass Cart

Monthly fee includes one (1) pickup per week of one (1) 90 gallon cart of mixed recycleable glass bottles and jars as listed in the OSU Recycling Guide. Carts shall be filled on more than 50% full to limit weight and meet safety needs for transporting. For each weekly service, an empty 90 gallon cart for glass bottles & jars will be dropped off at the same location. Carts provided will be labeled and in good operating condition. Materials will be sorted and processed for recycling.

Amount: \$10.00/Month **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

16027: Compost Cart

Monthly fee includes one (1) pickup per week of one (1) 90 gallon or (1)65 gallon cart of acceptable items for composting as listed in the OSU Recycling Guide. Carts shall be filled on more than 50% full to limit weight and meet safety needs for transporting. For each weekly service, an empty 90 gallon cart for compost materials will be dropped off at the same location. Carts provided will be inlabeled and in good operating condition. Materials will be processed for composting.

Amount: \$20.00/Month **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

16028: Cardboard

Monthly fee includes collection of up to one (1) cubic yard per week of clean, loose, flattened cardboard as listed in the OSU Recycling Guide. Containers provided will be a minimum of 1 cubic yard and placed in an outdoor location acceptable to campus planning and accessible to OSU Campus Recycling staff for servicing. Containers provided will be labeled and in good operating condition. Materials will be sorted and processed for recycling.

Amount: \$10.00/Month **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

16043: Bottle & Can Bin

Monthly fee includes one (1) pickup per week of one (1) 23 gallon bin of recycleable bottles and cans as listed in the OSU Recycling Guide. For each weekly service, the bin will be emptied of any contents. Bins provided will be labeled and in good operating condition. Materials will be sorted and processed for recycling.

Amount: \$15.00/Month **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

16044: Special Event Cart or Bin

1. Processing of Special Event Service Request with determination of optimal recycling/trash set up to meet the needs of the event based on information provided by the Requestor. In order to fulfill a request, the online request must be submitted at least two (2) weeks before the date of the event.
2. Delivery of up to a total of recycling, compost or trash carts or bins as listed on the OSU Special Event Recycling Guidelines. Requests will be filled on a first come/first served basis due to limited supplies of bins, carts and labor.
3. Delivery and pickup will be to one central location on the OSU Corvallis Campus that is accessible and approved by the designated Building Manager or Campus authority.
4. Requests for more than 15 carts or bins shall be charged \$20 per truckload.
5. Events shall be charged a minimum \$20 per hour sorting charge per event for carts or bins picked up and found to have more than 20% non acceptable materials based on the OSU Recycling Guide.
6. Carts provided will be labeled and in good operating condition. Materials will be sorted and processed for recycling.

Amount: \$15.00/Container **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

16068: Mixed Recycling Cart

Monthly fee includes one (1) pickup per week of one (1) 90 gallon cart of mixed recycleable items as listed in the OSU Recycling Guide. For each weekly service, an empty 90 gallon cart for mixed recycling will be dropped off at the same location. Carts provided will be labeled and in good operating condition. Materials will be sorted and processed for recycling.

Amount: \$45.00/Month **Index:** QBA210 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

Surplus Property

Applicability: OSU Surplus Property makes every effort to sell items back to OSU departments, state and local government and qualified non-profit organizations or after a period of time to the public through auctions, OSU Used Stores and online sales.

2934: Sale or disposal of OSU Property

Surplus Property is required to process the sale or disposal of all OSU property. These services include sale of the surplus property, repair, equipment use, service pickups and deliveries. All rates are posted on the Surplus Property website at <http://surplus.oregonstate.edu/about/rates> along with complete descriptions of the services provided.

Amount: \$1,000.00/item + % of sales amount **Index:** QBA208 **Activity Code:** **Updated:** 5/20/2022 by Cameron Cox

11224: Campus Moves

Campus moves will facilitate and offer moving services for small moves of 5 office spaces or less. These services include, but are not limited to, the moving of equipment, furniture, artwork, etc. and preparing OSU property for sale. There is a labor charge of \$25/hr per student laborer / \$45/hr OSU staff with a one hour minimum and an equipment charge of \$25/hr per truck or forklift for these services.

Amount: \$25.00 - \$45.00/Hour **Index:** QBA208 **Activity Code:** **Updated:** 3/31/2022 by Cameron Cox

Provost

Enrollment Management

Information Technology Support

9548: Information Technology Support

Technology support for enrollment, admissions, and other student-related services for units which are not funded by the University E&G budget, but operate on a self-support basis. This could include implementation assistance, training, web page development or maintenance support. Project requests and approximate cost will be negotiated prior to beginning the work.

Amount: \$69.00/Hour **Index:** XEM041 **Activity Code:** **Updated:** 2/22/2022 by Maria Davila-Ash

Marine Studies Initiative

Port Orford Field Station

15032: Scuba Tank Fill Station

Scuba Tank Fill Station with Staff Assistance.

Amount: \$5.00/Unit **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

15060: Port Orford Suite (A or B) Lodging Rental

Port Orford Suite (A or B) Lodging Rental. Fee to cover Building Management Staffing cost and Janitorial Service cost. The monthly fee is \$300/month.

Amount: \$20.00/Day **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

15771: Station Manager Labor

This fee is for one hour of The Station Manager's Time.

Amount: \$62.00/Hour **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

15773: Kitchen use

"Kitchen - Fully equipped kitchen, with cookware and eating utensils. Wood burning stove, and dining area in kitchen. Equipment: Cooking and eating utensils, stovetop, refrigerator, microwave, coffee maker, dining table and chairs. Capacity: 6-8 "

Amount: \$20.00/Day **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

15775: Seminar Room Rental

Furnished with tables and chairs which can be rearranged. The room has a small deck, and two bathrooms. There is a small kitchenette with sink and refrigerator. Fully equipped kitchen available in adjacent building. Equipment: 70" monitor for presentations and video conferencing via polycom. Includes internet access, and built-in computer operated by a wireless keyboard. Free LAN and wireless access in the entire station. Capacity: 40 (20 at tables, 20 chairs only).

Amount: \$40.00/Day **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

15781: Wet or Dry lab space

Use of one station in either the Wet or Dry Lab. Fee is \$9 per station for the day, \$35 for the week, or \$125 for the month.

Amount: \$9.00 - \$125.00/station **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

15782: Wet AND Dry Lab space

Fee for one station in both the Wet and Dry labs. The cost is \$15 per day, \$50 per week, or \$185 per month.

Amount: \$15.00 - \$185.00/station **Index:** XMS012 **Activity Code:** **Updated:** 4/5/2022 by Jilleane Wait

Student Affairs**Career Development****Career Services**

Purpose: All Career Services fees are non-refundable.

Applicability: Basic Services for current students or alumni less than 12 months beyond graduation date are at no cost and include use of library, computers, typewriter, individualized career advising, workshops & seminars, resume critique, resume matching; mock interviewing, e-mail notification of career fairs, on-campus recruiting & company informational meetings, and individual portfolio assessment.

2459: Career Assessment Testing

Requires all users of testing services to meet with an adviser/Counselor to determine the appropriate testing instrument. All users of testing services will be charged a fee for each assessment instrument utilized in conjunction with advising/counseling. The fee covers administration, materials, and scoring and varies based on the specific test that is administered.

Amount: \$10.00 - \$25.00/test **Index:** MSA016 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

Counseling Center**Equipment-Book Rental****11404: Lost or Damaged Equipment or Books**

Equipment or books are available to check out from Counseling and Psychological Services. There is no charge for their use; however, there is a fine, if an item is damaged or lost. The borrower will be charged at cost for the repair/replacement of the equipment or book(s) in addition to the FTE required to process the lost or damaged equipment or book(s).

Amount: \$0.25 - \$560.00/Unit **Index:** MSA030 **Activity Code:** **Updated:** 4/14/2022 by Autumn Fiveash

Disability Access Services**Various Services for persons w/ Disabilities****14287: Captioned/Accessible Media**

Provide captioned media for video clips, movies, classroom lectures, interviews, etc. Captioning based transcripts can be provided upon request.

Amount: \$5.50/media minute **Index:** MSA035 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

14288: Accessible Formats for the Blind

Services include full text editing, descriptions of graphics and tactile graphics.

Amount: \$25.00/hour **Index:** MSA035 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

14289: Test Proctoring for Individuals with Disabilities

Test proctoring for non-OSU students with disabilities taking classes at another institution: student will be billed a flat rate of \$32 per test for the first two hours, \$16 each additional hour.

Test proctoring at a location other than the DAS testing center for faculty convenience must be approved by DAS. If approved, the department will be charged a flat rate \$32.00 for the first two hours per proctor (not to exceed six students taking an exam), and per individual scribe/reader, \$16.00 each additional hour.

Amount: \$32.00/test **Index:** MSA035 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

14290: Deaf and Hard of Hearing Services

Services provided include Transcription and Interpreting for staff meetings and other events on or off OSU Corvallis Campus: Services provided are dependent on the availability and skill-set needed for a specific event. CART services will always be provided by a contracted third party of which those costs will be redistributed directly to the customer. If an Interpreter or Transcriber is contracted as a third party, those costs will also be redistributed directly to the customer.

Please note: Interpreting and transcribing assignments may require a team of two, based on the length of the assignment and the complexity of the material/information. Please contact DAS to discuss your specific situation and get an estimate of the cost.

Off Site Interpreter or Transcriber Services: Services provided include sign language interpreters or transcribers at a setting off campus. Billing will be at cost and will include mileage, lodging and meals using the established OSU rates in addition to the hourly rate for the interpreter(s) or transcriber(s). While DAS will make every effort to assign interpreters/transcribers for custom requests received with less than 24 hours' notice, we cannot guarantee that we will be successful. Therefore, we ask that requests be submitted with at least 48 hours' notice.

Amount: \$35.00 - \$150.00/hour/person **Index:** MSA035 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

Human Services Resource Center

Building Room Rental Fees

15412: Champinefu Room Rental

Champinefu Room Rental- such as community room, kitchen, patio or basement lounge. Fee rate ranges depending on availability of Human Services Resource Center (HSRC) staff to remain onsite during event and if employee with a food handler's card is needed. Employee can range from undergrad student to professional staff. Customer is financially responsible for any damages or excess cleaning needs incurred during time of rental.

Amount: \$13.00 - \$54.00/hour **Index:** MSAHSR **Activity Code:** **Updated:** 4/14/2022 by Autumn Fiveash

International Services

International Scholar and Faculty Services (ISFS) Processing Fees

Purpose: The ISFS office provides services to international scholars and faculty, departments and Colleges. ISFS works with government agencies to secure US work authorization and/or immigration status for international scholars and faculty. Services include mandatory orientations, document preparation, advising on immigration status and employment matters, compliance issues, SEVIS coordination, cultural programming for J-1 Exchange Visitors, records maintenance, and detailed visa procedures for a variety of visa types and employment-based permanent residence.

Applicability: ISFS fees will partially offset the costs of services provided by ISFS.

14499: Visiting Scholar Group Fee - 10 or more participants

The Group Fee is \$2,711.00 for a group of between 10-19 applications, \$5,062.00 for a group of 20-29, and \$7,418.00 for a group of 30-40 applications.

Fee would cover: ISFS immigration services, includes issuing documents in SEVIS government database, conduct mandatory J-1 orientation (group orientation rather than one on one), monitor Exchange Visitor program participation and ensure J-1 program compliance, provide immigration advising to program participants (prior, during, and after program), provide opportunities for cultural programming, conduct exit surveys with all program participants, archive and record maintenance.

Who would pay: either program sponsor (OSU department/College, INTO OSU) or the individual. Expenses: staff time for DS-2019 document production and delivery, conducting group orientation, maintenance of SEVIS records, advising, providing cultural programming, conducting exit survey, and archiving records, J-1 Exchange Visitor re-certifications, trainings (webinars, conferences) to maintain compliance of J-1 regulations, and Sunapsis costs.

Amount: \$2,711.00 - \$7,418.00/Group **Index:** MSA111 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

Sponsored Student Fees

15812: STEM OPT Service Fee

STEM OPT fees cover the administrative costs associated with the processing and maintenance of the immigration records of STEM OPT students. STEM OPT students are international students who have completed their academic programs and are authorized to engage in an extension of post completion Optional Practical Training beyond the initial 12 months of standard OPT.

Amount: \$131.37/person **Index:** MSA111 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

15993: OIS Service Fee

Work with internal and external customer base in assistance with multiple immigration and residence processes. Full range and price points will be located on the Office of International Services website at: <https://internationalservices.oregonstate.edu/IEEV/departments-resources>.

Amount: \$500.00 - \$4,000.00/Customer **Index:** MSA111 **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

Memorial Union

Building Room Rental Fees

Purpose: Categories are defined as: I: UNIVERSITY COMMUNITY. a. Recognized student organizations & student fee funded programs. b. Alumni activities of OSU Alumni Assoc. c. Admin., staff, faculty activities directly connected to the univ. d. State Agencies with the OR Dept. of Ed. or Federal Agencies funded by grants to OSU. Category II: GUESTS. a. Admin., staff, faculty activities that are of a social nature; not connected with OSU. b. Corvallis Comm. Organizations. c. Corvallis Government Organizations. d. Regional and National Organizations & Agencies. e. Commercial Organizations. Price is dependent upon the category which fits the organization. For specific details, please see website http://osumu.org/pdf/meeting_rates_room_pricing.pdf.

Applicability: Rates are for 4 hours in one day except where noted on fee. Rooms with asterisk will be charged on half of the rate for less than 4 hours.

2078: Memorial Union Room Rental

Room rentals - further detail and pricing shown on website <https://mu.oregonstate.edu/reservations>. Note - an additional access fee for extended client set-up and tear down beyond the standard access times will be based upon the cost of the room per hour. Also, note that access to the Memorial Union beyond the standard building hours will be charged based upon current staffing rates and costs to program building systems.

Amount: \$25.00 - \$1,123.00/Day **Index:** MUNAVS **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

14643: Set-up Charges for Rooms & Event Spaces

Per event rate based on room and size of event.

Amount: \$38.00 - \$750.00/event **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

16261: SEC Room Rentals

This fees is to recover the costs associated with rooms in the Student Experience Center building. Rooms are rented in 4 hour blocks, or an all day rate. The specific room rates are; SEC Lobby \$443/4 hrs or \$886/day, SEC 254 \$33/4 hrs or \$65/day, SEC 354 \$50/4 hrs or \$100/day, and SEC 112 Lounge \$125/4 hrs or \$250/day.

Amount: \$33.00 - \$886.00/rental **Index:** MUNSEC **Activity Code:** **Updated:** 6/13/2022 by Dwight Brimley

Equipment Rental Rates

Purpose: Categories are defined as: I: UNIVERSITY COMMUNITY. a. Recognized student organizations & student fee funded programs. b. Alumni activities of OSU Alumni Assoc. c. Admin., staff, faculty activities directly connected to the univ. d. State Agencies with the OR Dept. of Ed. or OUS & Federal Agencies funded by grants to OSU. Category II: GUESTS. a. Admin., staff, faculty activities that are of a social nature; not connected with OSU. b. Corvallis Comm. Organizations. c. Corvallis Government Organizations. d. Regional and National Organizations & Agencies. e. Commercial Organizations.

Applicability: All equipment is for use in the MU and MU East International Forum only, unless noted. The minimum amount that will be billed is \$5. Charges are based on a 24-hour day or per event unless otherwise approved. Cancellations for equipment must be made at least twenty-four hours prior to the event. If cancellations are not made within this time period, an apportioned amount of the rental will be charged. Repair or replacement charges will be made if equipment is returned damaged or broken. A special set-up fee may be charged for equipment requested as an immediate need on the day of the event. For specific details, please see website http://osumu.org/pdf/meeting_rates_room_pricing.pdf.

10642: Lighting

Lighting for events. Price is determined by the specific lighting fixtures used per event.

Amount: \$36.00 - \$300.00/Unit **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14254: Flags with Poles and Stands

US and International Flags represented by the countries with students at OSU.

Amount: \$2.00/Day **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14642: LCD TV

Flat screen can be used for the following: audio & video presentations, movies, slide shows, and webinars.

Amount: \$20.00/day **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14644: Labor: Event Management, Technical Services, and Trades

Academic Wage Appt. = \$42/hour; Assistant Director Operations = \$70/hour; Coordinator-Building Services = \$55/hour; Custodial Services Coordinator = \$61/hour; Custodian = \$58/hour; Digital Marketing Coordinator = \$54/hour; Electrical/Control System Tech. = \$80/hour; Equipment Systems Specialist = \$57/hour; Office Coordinator = \$46/hour; Office Specialist 2 = \$46/hour; Plumber = \$67/hour; Project Coordinator = \$52/hour; Project Coordinator - Facilities = \$70/hour; Refrigeration Mechanic = \$68/hour; Trades Maintenance Coordinator = \$55/hour; and Trades Maintenance Worker 2 = \$52/hour. Overtime rate is 1.5 times hourly rate.

Amount: \$25.00 - \$80.00/hour **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14645: Laptop Computer

Includes mouse, remote presentation clicker and speakers.

Amount: \$15.00 - \$38.00/event **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14646: Plaza equipment rentals

This fee is for equipment rented in conjunction with the rental of MU Plaza space. The rental includes MU provided setup and tear-down of the equipment. The specific rates are; 10x10 canopy \$139, 20x20 canopy \$226, Outdoor heaters \$70 (propane will be an extra charge based on actual cost and usage), Stage Panels \$46, and Power Access Box \$35.

Amount: \$35.00 - \$226.00/Event **Index:** MUNAVS **Activity Code:** **Updated:** 6/14/2022 by Dwight Brimley

14778: Solar Trailer Rental

Solar Trailer rental includes cost of the unit. Labor for setup, tear-down and travel time are additional to the base cost. Setup and tear-down time minimum is 3 hours. Transportation fees for vehicle rental to deliver trailer will be added separately. Please refer to Transportation fees for the current fee. If out-of-town travel is required and the event lasts for more than 1 day OSU per diem rates may be applied for lodging and meals.

Amount: \$120.00/Day **Index:** MUNBLD **Activity Code:** MSUN **Updated:** 4/15/2022 by Dwight Brimley

15694: Webinar Package

Equipment to present a webinar to guests not in the meeting room.

Amount: \$30.00/event **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

15703: Audio - Visual Packages

This may include, but is not limited to, meeting room installed A/V packages, video streaming, recording, microphone packages for conference calls, presentation packages, sound systems for various activities, etc. Detailed pricing information can be found at <https://mu.oregonstate.edu/reservations> and will be discussed with client prior to any contract signing.

Amount: \$12.00 - \$1,100.00/event **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

15848: Projectors

Detailed pricing information located at <https://mu.oregonstate.edu/reservations>.

Amount: \$15.00 - \$50.00/event **Index:** MUNAVS **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

MU Fees & Services

14649: Graphic Design Services

Fee for graphic design services provided to customer. The fee varies depending on the type of labor (student = \$15/hour & staff = \$30/hour).

Amount: \$15.00 - \$30.00/hour **Index:** MUN99F **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

16150: MU Labor Fee

This fee is for one hour of an MU employee's time. The range of rates are from \$19 - \$75 depending on the classification of the employee doing the work. A full listing of the employee classifications and related rates can be found at <https://mu.oregonstate.edu/reservations> Depending on the classification of worker and the nature of the work, the index used for billings may be MUNFAC, MUNCUS, MUN99F, MUNBLD, or MUNAVS (all are related auxiliary funds)

Amount: \$19.00 - \$75.00/Hourly **Index:** MUNFAC **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

The Basement

Purpose: Rates do not include cost of supervision, other staffing, special set up or clean up.

10971: Facility Rental and Special Events

Rates vary depending on number of lanes and tables reserved. Whole Facility including "The Beaver Den" = \$140/hour; The Beaver Den = \$15/hour; Bowling Lanes = \$12/hour/lane; Billiard Tables = \$4/hour/table; Shuffleboard = \$2/hour. The minimum reservation expense outside of normal operating hours is as follows: less than or equal to 1 hour = \$75 minimum; 1-2 hours = \$100 minimum; 2-3 hours = \$125 minimum; and reservations greater than 3 hours = \$150 minimum.

Amount: \$2.00 - \$140.00/Hour **Index:** MUNLAN **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

11517: Advertising Fee

These fees cover the cost associated with advertising, marketing, wages, graphic design, program materials, and use of facility space for the Memorial Union Basement. For a breakdown of specific fees see the MU Basement Advertising Fee guidelines and pricing document located in the Memorial Union Basement. Index to be used: MUNLAN

Amount: \$122.88 - \$548.75/Ad Space **Index:** MUNLAN **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

14948: Used Bowling Pins

Fee for used bowling pins that are no longer usable for bowling to be sold as a sport or novelty accessory. \$3.20/pin for sets of 5 pins. \$4.00/pin standard individual price. \$5.00 fee for a decorated birthday pin.

Amount: \$3.20 - \$5.00/Pin **Index:** MUNLAN **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

15561: Popcorn Machine Rental

Hourly fee for rental of popcorn machine in basement

Amount: \$10.00/hour **Index:** MUNLAN **Activity Code:** **Updated:** 4/14/2022 by Dwight Brimley

Recreational Sports

Facility, Equipment Rental & Retail Fees

Purpose: These fees allow individuals and groups to rent DEPARTMENT OF RECREATIONAL SPORTS facilities and/or equipment, and purchase retail items based on a tiered pricing structure: students/members, OSU community/non-profit, and the general public. For a breakdown of current fees, see the DEPARTMENT OF RECREATIONAL SPORTS website <http://oregonstate.edu/recsports/> and/or quarterly schedule found at Rec Services in Dixon Recreation Center.

10726: Facility Rental Fees

A variety of facilities included but not limited to gyms, fields, courts, and multi-purpose rooms can be reserved for a negotiated amount of time. Each group must sign an agreement or contract depending on their affiliation with the university outlining the terms of use. Additionally, each group is subject to refund and cancellation policies, as well as, missing and/or damaged equipment fees. A certificate of insurance may also be required depending on risk as determined by OSU risk manager. Multiple indexes could be used MRS200, MRS325, MRS300, MRS360, MRS400, MRS500, or MRS810.

Amount: \$10.00 - \$150.00/hour/activity space
Index: MRS200
Activity Code:
Updated: 4/14/2022 by Jonna Matteson

10727: Equipment Rental Fees

A variety of equipment can be rented for a negotiated amount of time. A rental agreement outlining policies including cancellations, refunds, damaged and missing equipment fees must be signed. Multiple indexes could be used MRS200, MRS300, MRS325, MRS350, MRS375, MRS6xx, MRS810, or MRS860.

Amount: \$0.45 - \$250.00/Item/Day
Index: MRS200
Activity Code:
Updated: 4/14/2022 by Jonna Matteson

10728: Retail Fees

A variety of products are available for sale including but not limited to bike repair equipment, forest passes, clinical and safety supplies, student employee shirts, Athletics Trainer KIEP Training Supplies, and sports equipment. All items are non-refundable. Multiple indexes could be used MRS100, MRS300, MRS325, MRS350, MRS6xx, MRS700, MRS860, or MRS900.

Amount: \$0.25 - \$250.00/Item
Index: MRS100
Activity Code:
Updated: 4/14/2022 by Jonna Matteson

Program Fees

Purpose: These fees cover costs associated with instruction, program materials, advertising, marketing, wages, technical equipment, travel, permits and facility use for DEPARTMENT OF RECREATIONAL SPORTS programs including but not limited to: workshops, clinics, trips, classes, leagues, tournaments, special events and other activities. Fees are based on a tiered pricing structure: students/members, OSU community/non-profit, and the general public. Major programmatic areas include: Adventure Leadership Institute (Indoor Climbing, Outdoor Recreation Center & Challenge Course), Fitness and Clinical Services, Intramural Sports, Sport Clubs, Special Programs, Aquatics, Safety, Facility Operations & Rentals, and Outreach & Wellness activities. For a breakdown of current fees, see the DEPARTMENT OF RECREATIONAL SPORTS website: <http://oregonstate.edu/recsports/> and/or quarterly schedule found at Rec Services in Dixon Recreation Center. Multiple indexes could be used MRS100, 150, 300, 350, 375, 400, 500,600, 700, 800, 850, 900, or 950.

10730: Recreational Sports Programs

See Rec Sports website for various programs, Athletic Trainer No Show appointments, and Intramural Sports Forfeits. For billing purposes, any of the following indexes might be used - MRS300, MRS325, MRS350, MRS360, MRS375, MRS6XX, MRS700, MRS750, MRS810, MRS860, MRS900, or MRS925.

Amount: \$5.00 - \$2,500.00/Person or Unit
Index: MRS300
Activity Code:
Updated: 4/14/2022 by Jonna Matteson

Service Fees

Purpose: These fees allow individuals and groups to utilize services including but not limited to private/small group lessons, bike/ski tune ups, clinical services, fitness outreach (classes/trainings/workshops), fitness testing, field lighting, field lining and staff services such as officiating, safety services, custodial and maintenance services, event support services, and event programming supervisors based on a tiered pricing structure: students/members, OSU community/non-profit, and the general public. For a breakdown of current fees, see the DEPARTMENT OF RECREATIONAL SPORTS website <http://oregonstate.edu/recsports/> and/or quarterly schedule found at Rec Services in Dixon Recreation Center. Services vary depending on specific event needs. These needs are outlined in agreements and/or contracts depending on the group's affiliation with the university. These agreements also outline policies including cancellations, refunds, and damaged or missing equipment fees. Multiple indexes could be used MRS100, 200, 300, 350, 375, 400, 500, 700, 800, 850, 900, or 950.

10729: Recreational Sports Services

These fees allow individuals and groups to utilize services including but not limited to private/small group lessons, bike/ski tune ups, clinical services, fitness outreach (classes/trainings/workshops), fitness testing, field lighting, and staff services such as officiating, safety services, custodial and maintenance services, event support services. Services vary depending upon specific event needs. These needs are outlined in agreements and/or contracts depending on the group's affiliation with the University. These agreements also outline policies including cancellations, refunds and damaged or missing equipment fees. Multiple Indexes could be used: MRS200, MRS225, MRS300, MRS325, MRS350, MRS400, MRS500, MRS700, MRS750, MRS810, MRS860, MRS900, or MRS925.

Amount: \$10.00 - \$1,000.00/Service
Index: MRS200
Activity Code:
Updated: 4/14/2022 by Jonna Matteson

Student Experience/Engagement

Cultural Resource Centers

14255: CRC Room Rental Fee - Internal

Further detail and pricing shown on website <https://dce.oregonstate.edu/reservations>. These fees allow individuals and groups to rent rooms in the Cultural Resource Centers. Student Fee funded organizations and departments receive a 100% discount. Multiple indexes could be used MSEAPC, MSECCC, MSEBCC, MSENAL, and MSEPRI. Customer is financially responsible for any damages or excess cleaning needs incurred during time of rental. If additional labor is required, it will be charged at a rate of \$15 per hour. If additional materials are required, they will be charged at cost.

Amount: \$30.00 - \$876.00/Increment of time **Index:** MSEDCE **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

Kitchen Rental Rates

Applicability: The Global Community Kitchen provides opportunities to develop various transferable skills. The kitchen has a teaching station, production equipment, dry storage, built-in walk-in refrigerators, a double-door freezer, and a commercial dishwasher. Production equipment includes convection ovens, woks, steamer combination ovens, 8-burner gas range, deep-fat fryers, and steam-jacketed kettles. Event services include consultation with GCK staff, hot and cold holding equipment for food & beverages, full chinaware package, serving utensils, plastic wrap, aluminum foil, aprons, gloves, trash disposal, and compost bins & recycle bins. The GCK also has a box cube van for events needing transportation to the venue. The use of this space requires staffing oversight for each activity. This fee is inclusive of all items needed for production, serving & clean-up of events. Staffing is for the administration of the kitchen- not as labor to clean up after events. Food costs are not included.

10837: Global Community Kitchen - Transportation Fee

Use of step van for transporting food, materials, and containers to and from kitchen. If additional labor is required, it will be charged at a rate of \$15 per hour, per student staff. If additional materials are required, they will be charged at cost.

Amount: \$32.00 - \$62.00/use **Index:** MSEGCK **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14829: Global Community Kitchen Event Staffing

This fee is for one hour of GCK staff time. The specific rates are; Student worker \$16/hr, GCK Coordinator \$53/hr and Assistant Director \$70/hr. Discounts:

- Student Experiences & Engagement Units – 100% Discount on kitchen rental, 75% discount on labor
- Recognized Student Organizations – 25% discount on kitchen rental, 10% discount on labor
- Student Fee Funded Auxiliaries/activities – 50% discount on kitchen rental, \$25% discount on labor

Amount: \$16.00 - \$70.00/Hour **Index:** MSEGCK **Activity Code:** **Updated:** 6/13/2022 by Curtis Black

15215: Global Community Kitchen use

Fee covers the hourly use of the Global Community Kitchen in the Memorial Union. Labor is required for kitchen operation and will be billed separately depending on who is assisting in the kitchen. The labor rates are \$16/hr for a student worker, \$53/hr for the Global Community Kitchen Coordinator or \$70/hr for Assistant Director (see fee 14829). If additional materials are required, they will be charged at cost to the client."

Amount: \$26.00/Hour **Index:** MSEGCK **Activity Code:** **Updated:** 2/2/2022 by Curtis Black

15831: Global Community Kitchen Equipment Rental Fee

Rental of food production equipment, serving equipment, hot/cold equipment, beverage containers, etc. which may be rented for use out of the Global Community Kitchen. For the complete list of fees, visit <https://gck.oregonstate.edu/reservations> or stop by the Global Community Kitchen. If additional materials are required, they will be charged at cost.

Amount: \$1.00 - \$37.00/Piece of equipment/use **Index:** MSEGCK **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

Orange Media Network

Purpose: Orange Media Network includes:

The Daily Barometer, KBVR-FM, KBVR-TV, Beavers Digest Magazine, DAMchic Magazine, and Prism Literary Arts Journal. The Daily Barometer is an educational activity led by student staff. The Daily Barometer is the campus newspaper published Mondays during the school year, except University breaks, and monthly during the summer. The advertising rate card is posted at orangemedianetwork.com

KBVR FM is an educational activity led by student staff. At 88.7 on the FM dial and streamed online at kbvr.com/listen, KBVR FM is the student-operated radio station broadcasting 24 hours a day. KBVR TV is an educational activity led by student staff. KBVR TV showcases student-generated content on Comcast Channel 26 and streams live at kbvr.com/watch. The student-operated TV station broadcasts student-created content 24 hours a day.

Beavers Digest is an educational activity led by student staff. The quarterly magazine covers student life at OSU and maintains daily content online at: orangemedianetwork.com.

DAMchic magazine is an educational activity led by student staff. The quarterly magazine covers fashion in the OSU community and maintains daily content at orangemedianetwork.com.

Prism Literary Arts Journal is an educational activity led by student staff. The quarterly magazine accepts submissions from student artists each term and maintains daily content at orangemedianetwork.com.

10970: DJ/Music Services

KBVRFM DJ music services are available for groups covered by appropriate copyright licenses. Fee charged for 3 hour KBVR music services. Costs will vary based on the size and technical needs of the services. If additional labor is required, it will be charged at a rate of \$16/hr. For detailed rates, please visit <http://www.orangemedianetwork.com/advertise/>.

Amount: \$117.00 - \$271.00/3 hour event **Index:** MSESMA **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14405: Orange Media Network Television Studio Fee

Rental fee for use of television studio space in the Student Experience Center. The costs will vary based on the labor and services needed by the client. Clients are required to reserve the space for two hours. If additional labor is required, it will be charged at a rate of \$16/hr for students and \$64/hr for a professional staff member. For detailed rates and a quote, please visit <http://www.orangemedianetwork.com/advertise/>.

Amount: \$80.00 - \$361.00/Hour **Index:** MSESMA **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14406: Video Editing Suite Rental

Rental fee for use of the Video Editing Suite in the Student Experience Center. For clients who will use the video editing suite as is, the cost is \$22/hour. For more complicated video editing, professional staff time will be required for a total cost of \$54/hour. Use of professional staff time will be determined during the budgetary quote process.

Amount: \$22.00 - \$54.00/Hour **Index:** MSESMA **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14407: Orange Media Network Voice Recording Room Fee

"Rental fee for use of the Audio Production Room in the Student Experience Center. Minimum of 3 hours required.

For projects where the client already has a script and all that is needed is to record a person reading the script, the cost would be \$32/hr. If additional hours are required for that day, the cost would be \$16/hr for each additional hour. For projects that require professional staff consultation and post editing work on the recording, the cost would be \$97/hr. "

Amount: \$32.00 - \$97.00/Hour **Index:** MSESMA **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14845: Orange Media Network Photo Booth Rental Fee

Rental fee for the hourly use of a photo booth.

Rental includes props, and printed photos. If booth is used off-campus, vehicle rental fee and mileage will be charged based on current Motor Pool charges. labor is required (minimum one student per hour of use) and will be charged at a rate of \$16/hr. If additional supplies are required, they will be charged at cost.

Amount: \$62.00/Hour **Index:** MSESMA **Activity Code:** **Updated:** 2/5/2022 by Dwight Brimley

16228: OMN Labor

This fee is for on hour of an OMN employee's time. The rage of rates are from \$16-\$93 depending on who is performing the service. The specific rates are;student employee \$16/hour, Journalism Adviser \$62/hour, Administrator \$64/hour, Broadcast Coordinator \$66/hour, Marketing Advisor \$89/hour, and Director \$93/hour.

Amount: \$16.00 - \$93.00/Hour **Index:** MSESMA **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

University Housing and Dining Services

Catering Fees

Applicability: The catering cost of various elements change depending on the needs and desires of each customer. Estimates are routinely provided during the initial discussion with each client prior to the commencement of any event. Usual and customary fee ranges are included here. Further detail can be obtained from the OSU Catering Business Office or at the following website www.osucatering.com.

332: Food and Beverage Menu Pricing

This fee covers the amount charged to customer for catered events, food & beverage, alcohol service, & care/gift packages. All items are priced either a la carte or per person depending on the item selected. A 50% deposit may be required at the time the order is placed.

Amount: \$1.00 - \$750.00/Each or per Person **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

320: Delivery Fee

Catering delivery fee for orders not picked up from catering kitchen location.

Amount: \$15.00 - \$500.00/Each **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

328: Temporary Licensing Event Fees

Covers the external & internal licensing fees associated with special events. The fees included, but are not limited to, Candle Permit Fees, OLCC Permit and Temporary Permits, and Benton County Health Department Temporary Licenses for example.

Amount: \$5.00 - \$300.00/Event **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

1748: Cancellation Fee

24 hours or less prior to event - 100% of total bill; 1 to 3 days prior to event - 75% of total bill; 4 to 7 days prior to event - 50% of total bill; 8 to 30 days prior to event - May be charged for any special products that been acquired for your event.

Amount: \$20.00 - \$8,000.00/Event Cancellation **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

1758: Placing late Order

Order placed within 72 hours of event is charged an additional \$20 or 10% of total bill whichever is greater.

Amount: \$20.00/event **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

11334: Facility Fee Charge

For catered events held in the following locations: OSU Alumni Center, OSU LaSells Stewart Center, OSU Memorial Union, and other on campus or off campus locations that require the catering operation to pay the location for services catered into their premises. Rate % differs by location served.

Amount: 5-10%/total bill **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

14486: Extended Labor Charges - Internal

Catering fee for having required or optional attendants present at events to include manager, supervisor, chef, food/beverage attendants or other staff above and beyond normal services provided.

Amount: \$12.00 - \$126.00/hour **Index:** MHD154 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

15832: Food and Beverage Menu Pricing – McNary

This fee covers the amount charged to customer for food & beverage, labor, other service fees & care/gift packages operating under the administration of McNary Dining Center. This is fee will apply to services that are provided within the Dining Center, Catered by the Dining Center or provided at a location outside of the Dining Center. All items are priced either a la carte or per person depending on the item selected. This covers all McNary Dining Center concepts.

Amount: \$1.00 - \$750.00/item or person **Index:** MHD136 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

15841: Food and Beverage Menu Pricing – Arnold

This fee covers the amount charged to customer for food & beverage, labor, other service fees & care/gift packages operating under the administration of Arnold Dining Center. This is fee will apply to services that are provided within the Dining Center, Catered by the Dining Center or provided at a location outside of the Dining Center. All items are priced either a la carte or per person depending on the item selected. Includes all Arnold concepts, Cascadia Market & Café, and Bings.

Amount: \$1.00 - \$750.00/Item or Person **Index:** MHD151 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

15842: Food and Beverage Menu Pricing – Marketplace West

This fee covers the amount charged to customer for food & beverage, labor, other service fees & care/gift packages operating under the administration of Marketplace West Dining Center. This is fee will apply to services that are provided within the Dining Center, Catered by the Dining Center or provided at a location outside of the Dining Center. All items are priced either a la carte or per person depending on the item selected. This fee covers all concepts of Marketplace West including Off the Quad in the MU (a MPW extension concept).

Amount: \$1.00 - \$750.00/Item or Person **Index:** MHD143 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

Conference Housing, Meals, and Other Fees/Charges**11511: Residential Conference and Scholar Housing and Dining Package Rates**

Residential conference and scholar housing and dining package rates. All rates are posted at <https://uhds.oregonstate.edu/conference-and-scholar-housing/conference-housing>.

Amount: \$20.00 - \$90.00/person/night **Index:** MHD333 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

11523: Additional Services, Reservation Deposit, Misc Fees

Covers direct costs and ROI for additional services, reservation deposits, cancellation fees, assigning rooms, linen fees, other fees, damage, and cleaning charges. A list of services, charges and fees are available here: <http://oregonstate.edu/uhds/conference-housing> and <http://oregonstate.edu/uhds/scholar-housing>.

Amount: \$1.00 - \$530.00/piece, part, hour, percentage, or **Index:** MHD333 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

Residence Halls**14107: Beaver Movie Streaming Advertising**

Video promotional ads or "bumper ads" that are shown at the start of each movie. All info and current pricing/week shown at <http://uhds.oregonstate.edu/bms-advertising>.

Amount: \$35.00 - \$50.00/Week **Index:** MHD279 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

11614: Gap or Early Housing Room Rate

Housing only rate for periods outside of academic and academic summer term periods.

Amount: \$24.00/person/night **Index:** MHD267 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

198: UHDS Billable Labor

Covers labor costs (wages plus benefits/other payroll expenses) associated with, but not limited to, carpet cleaning, elevator/escalator repair, maintenance, IT/systems development labor, and property repair, custodial, moving furniture, operational consulting, financial consulting, IT consulting, and strategic consulting. Applicable to all indexes and funds of UHDS (Housing, Dining, and Family Housing).

Amount: \$12.00 - \$160.00/Hour **Index:** MHD267 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

214: Meeting Room Rental Rate

Daily rate for UHDS meeting rooms based on room type and amenities. Covers the wear and tear on furnishings, heat, lights, and overhead plus contribution to reserves for renovation and replacements. Detail by room found at <http://oregonstate.edu/uhds/make-meeting-room-reservation>.

Amount: \$25.00 - \$100.00/day **Index:** MHD267 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

UHDS Dining Services Room Rental Rates

Applicability: This fee is providing the service and the amount helps offset utility costs and wear and tear on furnishings. Main dining rooms are available during non-meal hours only, student meal schedule is given priority. Groups that select OSU Catering or UHDS Meal service in combination with a room reservation will have priority over room only use requests. All banquet rooms close at 8pm unless special arrangements have been made which could have additional service or staff charges added. UHDS and Student Resident Hall Association room reservations are exempt from rental fees.

298: Arnold Dining Center Room Rentals

Room rental charges for rooms located in Arnold Dining Center. Various sized rooms available. Call UHDS at 541-737-4771 for details.

Amount: \$50.00 - \$500.00/Day **Index:** MHD151 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

300: McNary Dining Center Room Rates

Room rental charges for rooms located in McNary Dining Center. Various sized rooms available. Call UHDS at 541-737-4771 for details.

Amount: \$75.00 - \$300.00/Day **Index:** MHD136 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

305: Marketplace West Dining Center Room Rentals

Room rental charges for rooms located in Marketplace West Dining Center. Various sized rooms available. Call UHDS at 541-737-4771 for details.

Amount: \$75.00 - \$600.00/Day **Index:** MHD143 **Activity Code:** **Updated:** 4/15/2022 by Dwight Brimley

University Infrastructure & Operations**Capital Planning & Development****Project Management**

Applicability: Capital projects will be assessed a project management fee (PMF) based on total project costs. These projects are managed by Capital Planning & Development. This fee will be applied on all projects unless an exception is made by the Senior Associate Vice President for Administration or the cost is unallowable per the funding source. Details found at <https://fa.oregonstate.edu/cpd/project-management-fee>.

10607: Project Management

Billed Separately between Project Managers supported by QCP010, QCP040 and QCP110, \$117.00 hourly Labor rate. And Construction Managers supported by QCP010, \$104.00 hourly labor rate.

Amount: \$104.00 - \$117.00/hour **Index:** QCP010 **Activity Code:** **Updated:** 4/12/2022 by Diane Mc Gill

14861: Project Management Student

Capital Planning & Development student labor charges. Student rate range from \$13.00 to \$15.00 and hour. Students time working directly with the Capital Management team.

Amount: \$13.00 - \$15.00/hour **Index:** QCP010 **Activity Code:** **Updated:** 4/12/2022 by Diane Mc Gill

Facilities Operations & Maint

Maintenance or Other Services

10604: Key Shop

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$65.00/hour **Index:** QFS137 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

10605: Landscape

Landscape fees will range from \$15 for students and \$61 for the landscape crew. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$15.00 - \$61.00/hour **Index:** QFS138 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

10606: General & Preventative Maintenance

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$65.00/hour **Index:** QFS136 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

10608: Steam Fitters

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$69.00/hour **Index:** QFS142 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

10610: Paint Shop

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. The Paint Shop fees will range from \$19 for students and \$58 for the paint crew. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$19.00 - \$62.00/hour **Index:** QFS163 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

10611: HVAC and Refrigeration

Fee for HVAC and Refrigeration. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$74.00/hour **Index:** QFS164 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

10612: Electrical Shop

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$94.00/hour **Index:** QFS165 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

10614: Carpentry Shop

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$73.00/hour **Index:** QFS167 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

10615: Plumbing Shop

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$81.00/hour **Index:** QFS168 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

14868: Alarms

Maintenance is a systematic day-to-day process to control the deterioration of university facilities (e.g., structures, systems, equipment, pavement, grounds) including landscape management, and call-in requests for service. Maintenance on E&G Buildings is funded by the annual operating budget. When the facilities are owned/operated by either an Auxiliary or Service Center fund, the fees shown are applicable. This rate is applicable to Alarms. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$93.00/hour **Index:** QFS156 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

15277: Work Coordination Center

Non-trades, minor maintenance will range from \$20 for students and \$59 for maintenance crew requested from campus customers. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$20.00 - \$59.00/hour **Index:** QFS169 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

15279: Consulting Fee

Facilities services managers are brought in to consult for capital project planning. Labor only. Service credit back to FS Admin index to track this fee separately from regular work done. In some situations overtime rates may apply. Approval from the customer's budget authority will be required.

Amount: \$75.00/Hour **Index:** QFS131 **Activity Code:** **Updated:** 4/15/2022 by Diane Mc Gill

Transportation Services

Motor Pool

4682: Vehicle Rental Rates

The Motor Pool provides fleet services to the University and local, state and federal agencies. These services include short term rental vehicles, vehicle leasing, vehicle purchasing and replacement recharging, fueling, detailing, maintenance and repair services. Fees will vary based on multiple factors. All services and applicable rates can be accessed through the Motor Pool website at <http://motorpool.oregonstate.edu>.

Amount: \$15.00 - \$630.00/day or month **Index:** QTS130 **Activity Code:** **Updated:** 4/12/2022 by Diane Mc Gill

Parking

10060: OSU Beaver Bus Rental

\$95.00 per hour with two-hour minimum charge for 18 or 21 passenger bus

Amount: \$95.00/hour **Index:** QTS120 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

10457: Administrative fee annual permit refunds/term permits

Administrative fee to be assessed each episode of annual permit refund or for each term permit purchased

Amount: \$15.00/annual refund or term purchase **Index:** QTS120 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

12103: Parking Maintenance Crew

Fee for billable services from Transportation Services. This includes flagging, parking signage, stripping and other assignments that maybe a result of campus construction projects.

Amount: \$59.00/hour **Index:** QTS120 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

15767: Parking Reservations

Fee applied per lot for set-up of parking reservation. Includes signage reserving the space(s) or area and required campus notices.

Amount: \$33.00/space or area **Index:** QTS120 **Activity Code:** **Updated:** 4/14/2022 by Diane Mc Gill

University Relations and Marketing

Conference Services

Conference Services Event Fees

10166: Conference Services Management fees

Fees charged for cost of staff doing management services on the conference or event. These fees change based on the level of services provided for each group.

Amount: \$5.00 - \$100.00/person or hour **Index:** NLS203 **Activity Code:** **Updated:** 3/7/2022 by Sejoon Lee

15813: Conference Services Expenses

3% fee charged on expenses incurred by the client. This charge covers the administrative costs associated with coordinating a conference.

Amount: 3% **Index:** NLS203 **Activity Code:** **Updated:** 3/7/2022 by Sejoon Lee

LaSells Stewart Center Event Fees

Applicability: The rental cost of various elements changes depending on the needs and desires of each customer. Estimates are routinely provided during the initial discussion with each client prior to the commencement of any event. Usual and customary fee ranges are included here. Further detail can be found in the Conference Services Business Office and at the Reference Desk of the Valley Library.

15953: LaSells Stewart Center Event Services

This fee covers admin time to schedule/reserve the applicable classroom, auditorium, and/or campus grounds and tech support for events at LaSells Stewart Center. Fee will be billed on an hourly basis with a half hour minimum charge. Actual fee charged is determined by the technical and/or managerial requirements for an event. Hourly rates are broken down as Student \$15/hour; Manager \$55/hour; and Associate Director \$84/hour.

Full-time staff are responsible for the highly technical setup/programming of AV equipment, follow spots, lights, sound and staging elements. Student support staff are responsible for the less technical tasks of putting on an event. Custodial costs for the event will be charged to customer at actual cost.

Amount: \$15.00 - \$84.00/hour **Index:** NLS012 **Activity Code:** **Updated:** 2/8/2022 by Dwight Brimley

16016: LaSells Stewart Center Rentable Equipment

Equipment available to rent for events at LaSells Stewart Center. Dependent on time, sizes, quantities, technical needs and requirements of event/space, etc. See <https://lasells.oregonstate.edu/>.

Amount: \$5.00 - \$720.00/item **Index:** NLS012 **Activity Code:** **Updated:** 2/7/2022 by Seojoon Lee

LaSells Stewart Center Room Rentals**16018: LaSells Stewart Center Room Rental**

LaSells Stewart Center daily room and courtyard rental. Room rates range from \$162 to \$2,251 for the entire center. See <https://lasells.oregonstate.edu/>.

Amount: \$162.00 - \$2,251.00/room **Index:** NLS012 **Activity Code:** **Updated:** 2/8/2022 by Dwight Brimley

Printing and Mailing Services**Copy Services**

Purpose: Cost for copyright clearance and other charges related to publishing class packets.

Applicability: The selling price of the class packets includes the standard costs, royalties and vendor charges. The OSU Bookstore is the current sales partner of Printing and Mailing Service and therefore completes the business transaction with the student.

1818: Copy Service Charges

The selling price of copies and related bindery and finishing services depend on a number of factors and variables determined by the customer at the time of order. Copy prices are standard, based on copy size and number of copies in the order, the type of copy (BW or color), paper stock selected and type of finishing service(s) requested. A list of services and prices is posted on the Printing & Mailing Services web site and can be downloaded at:

<http://printmail.oregonstate.edu/>. Minimum charge billed to an index is \$5.00.

Amount: \$0.02 - \$500.00/document **Index:** NPM015 **Activity Code:** **Updated:** 3/7/2022 by Seojoon Lee

15528: Fulfillment Storage

Monthly fee for storing printed materials at Printing & Mailing's facility

Amount: \$1.15 - \$1.32/sq ft **Index:** NPM015 **Activity Code:** **Updated:** 3/7/2022 by Seojoon Lee

Mailing & Shipping Services**15207: Shipping**

Charges for Express shipping will be based on Printing and Mailing's contracted price with vendors. The cost of shipping will be influenced by such factors as; shipping speed, insurance, special handling requests, weight, and the size and shape of the package. See Printing and Mailing website <https://printmail.oregonstate.edu/mailling-services/shipping-delivery> for special handling, applicable limits, and forms.

Amount: \$5.00 - \$5,000.00/Shipping Cost **Index:** NPM027 **Activity Code:** **Updated:** 3/14/2022 by Seojoon Lee

Office Copier Printer Program

Applicability: The unit selling price for a copy/print on the copy program includes contract costs, overhead costs and direct labor. Add-on features (fax, RAM upgrade, hole punch, additional paper capacity, additional finishing options, copy auditing, ID Card interface, coin operations, etc) priced according to negotiated pricing in vendor's contract.

1817: Office Copier Non-Network

Monthly fee for non-network office copier machines. To cover additional labor costs to collect usage data for monthly billing.

Amount: \$15.00/machine **Index:** NPM034 **Activity Code:** **Updated:** 3/7/2022 by Seojoon Lee

10259: Office Copier Network

The unit selling price for a copy/print on the Copy Program includes machine costs, contract costs and direct labor. Add-on features priced according to negotiated pricing in vendor's contract.

Monthly minimum charges will be distributed as appropriate. Additional page charge: \$.0205/B&W Page, \$.123 color page. See printing and mailing website for details. <http://printmail.oregonstate.edu/>

Amount: \$0.02 - \$0.12/Page **Index:** NPM034 **Activity Code:** **Updated:** 3/7/2022 by Seojoon Lee

Printing Purchasing

9790: Outside Print Purchasing

OSU Printing Services Fee for outside print purchasing which includes offset printing, promotional items, and some specialty bindery services. These are purchased on the University's contracts. They are billed at cost plus a variable processing fee relative to the actual cost of the print job. The fee ranges from a minimum charge of \$20 to a maximum of \$1,500.

Amount: \$20.00 - \$1,500.00/job **Index:** NPM016 **Activity Code:** **Updated:** 3/7/2022 by Seojoon Lee

University Events

University Events

9654: Event Coordination

Fees charged for cost of staff managing event services, planning/organizing/executing events. Fee will be billed on an hourly basis with a half-hour minimum charge.

Amount: \$75.00/hour **Index:** NIA004 **Activity Code:** **Updated:** 2/2/2022 by Seojoon Lee

14440: Borrowables Program Late Fee

Items from the Borrowables program (<http://communications.oregonstate.edu/events/tools-planners/items-borrow>) that are not returned by the close of business on the agreed upon return date are subject to a late fee. The fee is based on the total replacement cost of the items not returned on time. \$25.00 for items with a cost of \$250.00 or under, and \$50.00 for items with a cost of \$250.01 and over.

Amount: \$25.00 - \$50.00/Item **Index:** NIA004 **Activity Code:** **Updated:** 2/2/2022 by Seojoon Lee

15161: Borrowables After Hours pick-up and/or return fee

This fee is to charge for staff to meet clients outside of normal Borrowables office hours for pick-up or return of items.

Amount: \$50.00/Hour **Index:** NIA004 **Activity Code:** **Updated:** 2/2/2022 by Seojoon Lee

15177: Borrowables Program Replacement Fee

Items from the Borrowables Program that are damaged or lost are subject to a replacement fee. The fee is based on the total replacement cost of the items not returned or returned with damage, ranging from \$0.15 - \$1,517.10.

Amount: \$0.15 - \$1,517.10/Item **Index:** NIA004 **Activity Code:** **Updated:** 2/2/2022 by Seojoon Lee

15252: Borrowables Program Labor Fee

Labor for the items from the Borrowables Program (<http://communications.oregonstate.edu/events/tools-planners/items-borrow>) that require any type of additional cleaning, repairing or sorting upon return of items or to restock items that were either checked out or pulled in preparation for a client but not picked up.

Amount: \$25.00 - \$50.00/hour **Index:** NIA004 **Activity Code:** **Updated:** 2/2/2022 by Seojoon Lee

University Marketing

Marketing and Creative Services

9773: Graphic Design

graphic design services

Amount: \$60.00/hour **Index:** NIA011 **Activity Code:** **Updated:** 3/2/2022 by Seojoon Lee

9774: Copy Writing & Editing

Copy writing and editing services

Amount: \$60.00/hour **Index:** NIA011 **Activity Code:** **Updated:** 3/2/2022 by Seojoon Lee

9775: Web Site Development

Web site development, design, and video production services.

Amount: \$75.00/hour **Index:** NIA011 **Activity Code:** **Updated:** 6/13/2022 by Dwight Brimley

9776: Web Copy Writing & Editing

Web site copy writing and editing services

Amount: \$75.00/hour **Index:** NIA011 **Activity Code:** **Updated:** 6/13/2022 by Dwight Brimley

11817: Project Management Services

Project Management services include the development of a marketing and communications strategy to advance the client's overall goals; tactics will include print, multimedia (video/online), social media activities and market research. Project Management also includes coordinating with the university's external media buying agency as well as vendors, including Printing & Mailing Services and other print providers, photographers and freelance designers to execute the client's strategic marketing plan. The assigned project manager will be responsible for coordinating in-house staff to ensure that projects are completed within the client's timeline and budget. Marketing projects include, but are not limited to, student recruitment, alumni engagement, overall program awareness and message development.

Amount: \$60.00/hour **Index:** NIA011 **Activity Code:** **Updated:** 3/2/2022 by Seojoon Lee

15021: Aerial equipment charge

Aerial equipment charge

Amount: \$43.00/Hour

Index: NIA015

Activity Code:

Updated: 3/2/2022 by Seojoon Lee

15023: Video Production

Video Production

Amount: \$75.00/Hour

Index: NIA015

Activity Code:

Updated: 3/2/2022 by Seojoon Lee

15933: Media Training

Full-service support, guidance, and training on how to work with the news media.

Amount: \$252.00/Hour

Index: NCS001

Activity Code: NMT1

Updated: 2/2/2022 by Seojoon Lee