



WASHINGTON STATE UNIVERSITY
SPOKANE

Research Service Center Newsletter

May 2022

Laboratory Services

Hazardous Materials Shipping

Dry ice shipping forms must be submitted to Mailing Services and Laboratory Services before 10 a.m. the day of the shipment to ensure that boxes are packed properly. Late shipments may be denied based on the availability of properly certified staff and suitable shipping materials. Please plan ahead.

Central Store

Dry ice prices have been lowered. Costs are reduced to \$3.00 per pound, and purchases over 10 pounds will be charged at \$2.50 per pound.

Lab Inspections

Lab inspections have been on hold due to changes in Environmental Health and Safety. Invitations will be sent out again shortly, and inspections will resume starting in late May.

Contacts:

- Megan Chastain – Phone: 509-358-7541, E-mail: megan.chastain@wsu.edu
- Olga Shiva – Phone: 509-358-7873, E-mail: olga.shiva@wsu.edu
- Ze Liu – Phone: 509-358-7633, E-mail: ze.liu@wsu.edu
- WSU Spokane Laboratory Services – 809-358-7621, E-mail: spok.labservices@wsu.edu

Environmental Health and Safety

Environmental Health & Safety (EH&S) in Pullman will be taking over responsibility of EH&S programs on the Spokane campus. Staff from Pullman have general EH&S knowledge, but also have specializations we feel can benefit the Spokane campus. Based on EH&S needs, staff will be on campus at least one day a week until we can hire an individual whose primary responsibility and location will be Spokane. Once this person has been hired, Pullman EH&S will continue to send staff support to ensure that EH&S needs in Spokane are met. For EH&S questions you can call 509-335-9564 or email sampsonj@wsu.edu.

As part of the program support, certain areas within chemical management and laboratory safety were identified as potential areas for additional training beyond the general online safety training available through the HRS website at <https://hrs.wsu.edu/training/>. This training is WSU specific and supplements initial training. The focus will be on chemical storage, chemical waste management, chemical spill kits, and emergency equipment. Training will last approximately 30 minutes and will include time for questions. Below is the schedule. The location for in-person training is to be determined.

In person:

- Thursday, May 26, at 10:00 a.m.
- Wednesday, June 8, at 1:00 p.m.

Virtually:

- Tuesday, May 24 at 1:00 p.m.
(<https://wsu.zoom.us/j/94746453562?pwd=YTVCMk81WHBRY1NOOWppVURkM2djZz09>)
- Thursday, June 9 at 10:00 a.m.
(<https://wsu.zoom.us/j/95990491863?pwd=WmpGUmdHVW5lNmdKVWhVb1BhSWU2UT09>)

Chemical Waste Pickup

During the transition of EH&S responsibilities to Pullman, we had some difficulty transferring over the chemical waste collection form. These issues have been resolved, but past form submissions may have been missed. If waste for which you have previously submitted a request has not yet been picked up, please resubmit your request [using the online form](#).

Contacts:

Jason Sampson - Phone: 509-335-9564, E-mail: sampsonj@wsu.edu

Vivarium/Program of Laboratory Animal Resources (PLAR)

Contacts, Spokane:

- General PLAR inquiries – E-mail: ocv.spokane.vet@wsu.edu
- Rob Archuleta – Phone: 509-358-7975, E-mail: robert.archuleta@wsu.edu
- For PLAR animal emergencies – Phone: 509-592-6884

Contacts, Main Office (Pullman):

- General Office of the Campus Veterinarian inquiries – Phone: 509-335-6246, E-mail: or.ocv.alert@wsu.edu
- For emergencies if unable to reach the PLAR emergency contact – Phone: 509-330-1871

Research Service Centers

Flow Cytometry

New flow cytometry users need to complete training prior to operating the Gallios independently. Depending on past experience, it may take several sessions to become completely familiar with the equipment and software. Please plan in advance.

Contacts:

- Ze Liu – Phone: 509-358-7633, Email: ze.liu@wsu.edu
- Olga Shiva – Phone: 509-358-7873, E-mail: olga.shiva@wsu.edu

Mass Spectrometry

Contacts:

- Ze Liu – Phone: 509-358-7633, Email: ze.liu@wsu.edu
- Olga Shiva – Phone: 509-358-7873, E-mail: olga.shiva@wsu.edu

Microscopy/Histology/Imaging

Microscopy – Minor changes have been made to the inverted Zeiss microscope to correct for a software error when using phase. If you have used phase on previous experiments, contact Megan to update your acquisition experiment files.

Histology – Please submit samples using the [Histology Sample Submission Form](#) available on the Histology Research Service Center website.

Imaging – Imaging has started charging for use of the IVIS and Quantum as of January 1, 2022. Rates are posted on the [Imaging website](#).

Contacts:

- Megan Chastain – Phone: 509-358-7541, E-mail: megan.chastain@wsu.edu
- Olga Shiva – Phone: 509-358-7873, E-mail: olga.shiva@wsu.edu

Genomics

Contact:

- Dr. Yiyong (Ben) Liu – Phone: 509-358-6741, E-mail: yiyong.liu@wsu.edu
- Dr. Archer Wang – Phone: 509-368-6546, E-mail: archer.wang@wsu.edu

Nuclear Magnetic Resonance

Contact:

- Dr. Gang Chen – Phone: 509-368-6576, E-mail: gang8.chen@wsu.edu

Biomedical Engineering and Design (BMED)

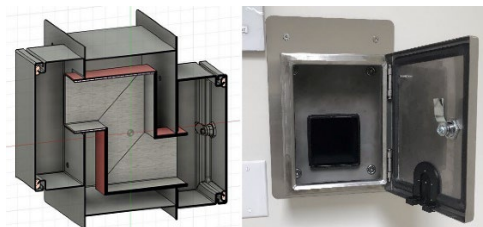
The BMED team is always happy to help with your individual needs for building customized lab equipment, repair/maintenance of existing lab equipment, as well as 3d CAD design and 3d printing. We offer a [wide range of services](#) to the entire WSU campus Spokane.



Custom built circadian chambers complete with lighting and timers



Syringe attachment 3d printed for ease-of-use



Blood sampling pass-through light proof and sound insulated

NEW: The recent acquisition of a HAAS TM3 toolroom CNC mill has drastically increased the machining capabilities of the machine shop. This equipment allows complex, high-precision machining of aluminum, stainless steel, and a variety of plastic materials and guarantees repeatability of parts in high quality.

You can expect very reasonable pricing and a quick turnaround time for your project, combined with professional technical advice on design and manufacturability.

Please email or call if you wish to find out more or would like to discuss your ideas. You may also fill out the [work request form](#).

Contact:

- Biomedical Engineering and Design – Phone: 509-358-6979, E-mail: spok.bmed@wsu.edu
- Will Clegern – Phone: 509-368-6750, E-mail: will.clegern@wsu.edu
- Dominic Brenner – Phone 509-368-6918, E-mail: dominic.brenner@wsu.edu