

Research Service Center Newsletter

January 2021

Environmental Health & Safety (EH&S)

Chemical Hygiene Laboratory Inspections

Laboratory inspections aimed at ensuring compliance with chemical hygiene plans will resume in January 2021. It will take approximately eight months to complete all inspections.

Laboratories will be notified of the inspection date about one month in advance. Please contact us if you would like help reviewing the plan prior to the inspection.

Contacts:

- WSU Spokane Environmental Health & Safety – Phone: 509-358-7621, E-mail: spokane.ehs@wsu.edu
- Merle J. Heineke – Phone: 509-358-7889, E-mail: merle.heineke@wsu.edu
- Megan Chastain – Phone: 509-358-7541, E-mail: megan.chastain@wsu.edu
- Olga Shiva – Phone: 509-358-7873, E-mail: olga.shiva@wsu.edu
- Chad Trent – Phone: 509-368-6699, E-mail: chad.trent@wsu.edu

Safety Committee

WSU Spokane is continuing its implementation of the President’s Safety, Health, and Security Committee plan. Washington state law requires that the majority of committee members be elected, not appointed. Departments and units on our campus will soon be asked to hold elections for members of our level 4 committee—which operates at the department, work unit, program, and building level—for the 2020-2021 term. If you would like additional information about the President’s Safety, Health, and Security Committee, its goals, and how it is organized, please see the [Office of the President website](#) or contact EH&S.

Contacts:

- Chairperson: Megan Chastain – Phone: 509-358-7541, E-mail: megan.chastain@wsu.edu
- Secretary: Bethany Fruci – Phone: 509-358-7837 E-mail: bfruci@wsu.edu

Lab Services

Central Store Room

For those who obtain gases and dry ice from the Central Store Room, A-L Gas has increased its rates for the first time in two years. The new rates, which are effective February 1, are:

Dry Ice	\$4.00/lb, plus additional costs (box, labor) if shipping
Liquid Nitrogen	\$5.00/liter
CO ₂	\$50.00, plus \$3.00/month rental fee
Oxygen	\$13.00, plus \$3.00/month rental fee
Nitrogen	\$13.00, plus \$3.00/month rental fee
Compressed Air	\$17.00, plus \$3.00/month rental fee
Pure Gas Combos	At cost plus \$11.00/month rental fee

Contact:

- Barry Worden – Phone: 509-368-6842, E-mail: barry.worden@wsu.edu

Vivarium/Program of Laboratory Animal Resources (PLAR)

Hematology Analysis: PLAR is able to offer in-house hematology analysis for labs wishing to include complete blood counts or analysis as part of their experiments. Please contact jennifer.kopanke@wsu.edu if you are interested in learning more.

Training: In-person training courses are available in a modified format. For everyone's safety, PLAR is following all WSU COVID-19-related protocols, such as practicing social distancing and wearing face coverings to prevent the spread of the novel coronavirus. Training attendance will be limited to one instructor and one trainee. To request training or for additional details, please contact ocv.spokane.vet@wsu.edu.

Contacts, Spokane:

- General PLAR inquiries – E-mail: ocv.spokane.vet@wsu.edu
- Jennifer Kopanke, DVM – Phone: 509-358-7825, E-mail: jennifer.kopanke@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

The Microscopy, Flow Cytometry, Mass Spectrometry, and Imaging Research Service Centers have a new calendar system on SharePoint. If you have not received your invitation to the calendar, contact Megan Chastain and she will create your account.

Contact:

- Megan Chastain – Phone: 509-358-7541, E-mail: megan.chastain@wsu.edu

Flow Cytometry

New users need to complete training prior to conducting actual testing. Depending on past experiences, 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

It is imperative that all users of mass spectrometry equipment document their usage. The rate charged is calculated as expenses divided by hours of usage. Failure to record usage results in a higher rate.

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 – Please remember to social distance in the Microscopy suite. The upright microscope is less than 6 feet from both the inverted and the Leica confocal. Use the posted calendars to help others plan their experiments.

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

Imaging – Imaging equipment includes radiation-producing machines. Make sure you have completed your training through the Radiation Safety Office before planning any work using the IVIS or Quantum.

The Quantum is currently out of service. The problem is due to basic design issues. Efforts are being made to get the manufacturer to resolve the problem in a timely manner.

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. Jing Wang, Phone: 509-368-6546, E-mail: jing.wang9@wsu.edu

Nuclear Magnetic Resonance**Contact:**

- Dr. Zuping Xia, Phone: 509-358-6575, E-mail: zuping.xia@wsu.edu

Biomedical Engineering and Design (BMED)

The BMED Research Service Center is available to promote and foster science on the WSU Spokane campus. This group can help researchers and start-up businesses leverage their resources by saving on cost and allowing them to innovate more efficiently.

The center now has the ability to 3D print three new types of material: carbon fiber reinforced nylon filament for load-bearing and structural parts, high temperature resistant polymer parts (capable of withstanding 238°C/460°F), and ceramic 3D printed parts (capable of withstanding 1100°C/2012°F). Please email or call if you wish to find out more or would like to discuss a design. You may also fill out the [new work request form](#).

Contact:

- Will Clegern, Phone: 509-358-6750, Phone: will.clegern@wsu.edu