



Research Service Center Newsletter

November 2021

Laboratory Safety and Services

Merle Heineke has retired as of September 30, 2021.
Please see the Contact Us section for group contact information.

Mailing and shipping services on campus will be affected by the university's December holiday reduced operations schedule. Refer to [this Mailing Services document](#) for information. This will affect dry ice shipments.

Chemical Hygiene Plan and Inspections

The Chemical Hygiene Plan and lab inspections concluded in August. Every lab should have a compliant CHP at this time. Laboratory Services anticipates the annual inspection will take less time each year as documents mature.

Minor changes will be made to next year's inspection to reflect problem areas from this year, including an increased focus on PPE.

Laboratories are always welcome to self-inspect and report issues in the red text sections to Laboratory Services for repairs or reevaluation free of charge to the labs.

Personal Protective Equipment Hazard Assessment

During next year's annual inspection, Laboratory Services will be asking to see each lab's PPE hazard assessment. Please read [SPPM 2.60](#) for the responsibilities of the supervisor and the department. Hazard assessment forms are available in the University [lab safety manual](#), on the [laboratory safety website](#), and through the [state Department of Labor and Industries](#). Hazard assessments from other institutions are also acceptable. The best version of the assessment is the one that addresses hazards most effectively.

New Autoclave Delays

A new autoclave has been purchased for HSB, but delivery has been delayed until February 22, 2022. HSB labs should have access to PBS open lab autoclaves. If you have any questions about autoclave access, contact Laboratory Services.

Central Store Update

The Central Store has ordered small amounts of common lab consumables to help with backordered or unavailable supplies. A list of available materials will be available shortly and will include pipet tips, tissue culture dishes, and serological pipets.

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

WSU Health Sciences Spokane Environmental Health and Safety (EH&S) web page can now be found at <https://spokane.wsu.edu/ehs/>

Visit the web page for information about things like Safety Data Sheets (and a link to the online SDS web site), ergonomics, recycling, the campus safety committee, reporting incidents and safety concerns, hazardous waste management, and lab safety.

Be sure to update any bookmarks you may have from the EH&S web page (like chemical waste collection request).

Additional safety training, including training related to fire extinguishers and PPE, is available online:

1. Go to [Learning & Organizational Development – Human Resource Services, Washington State University \(wsu.edu\)](#) and log in to your online learning account.
2. Select “WSU Safety Courses”
3. Select “WSU Online Safety Courses”

Contacts:

- Chad Trent – Phone: 509-368-6699, E-mail: chad.trent@wsu.edu

Vivarium/Program of Laboratory Animal Resources (PLAR)

Personnel Updates: There are some transitions occurring with the PLAR veterinary staff. Our vet specialist II is leaving WSU this month, and the Spokane veterinarian will be moving to a new position at the beginning of January. OCV veterinary staff continue to be available and will be present on the Spokane campus on at least a weekly basis during this transition period. Searches for a replacement veterinary technician and veterinarian will begin in the very near future. OCV veterinary staff will be regularly rotating through the vivarium and are available at or.ocv.alert@wsu.edu or 509-335-6246 if you have any questions or needs. The emergency after-hours contact for Spokane will be routed to the general OCV emergency phone. Rob Archuleta and Nina Woodford will be the contacts for vivarium-related issues.

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 ocv.spokane.vet@wsu.edu if you are interested in learning more.

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 flow cytometry users need to complete training prior to operating the Gallios independently. 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

In order to keep costs low, it is imperative that all users of mass spectrometry equipment document their usage. If you believe there were instrument issues during your use, note the issues on the Sharepoint sheet. Thanks for your cooperation.

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 – A new color camera has been added to the Zeiss Inverted microscope, dramatically increasing image quality. Camera driver issues may cause your current experiment files to temporarily not work. If you run into this issue, contact Laboratory Services and we will update your experiment file.

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

Imaging – Imaging will begin charging for use of the IVIS and Quantum beginning 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 Research Service 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:

- 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