Computing

The University of Washington and the Department of Chemistry provide a broad range of computing resources and support for these resources.

Resources

- Computers are available for student use in the General and Organic Chemistry Study Centers, located on the 3rd floor of Bagley, which are equipped with software typically used in chemistry courses.
- **WiFi** is available throughout campus and can be accessed through either the University of Washington (unencrypted) or eduroam (encrypted) networks. Whenever possible, users should use eduroam.
- Wired gigabit Ethernet is available throughout the Chemistry buildings. In rooms with multiple ports, not all of them may be active; please contact support@chem.washington.edu for assistance. Static IP addresses and DNS assignment are also available on request when needed, both on the internal and (with limited availability) external networks.
- Secure remote access to the campus network through Husky OnNet
- **Printing**: The department maintains an array of copiers/printers, which can be used locally or printed to remotely. Copiers in BAG 129A and CHB 304L can also scan to PDF.
- Chemistry-related site licenses:
  - ChemDraw
  - Gaussian - contact Prof. Xiaosong Li

- **Other software** that is licensed by the University of Washington
- **Security best practices**

Support

- The Chemistry IT support team is able to assist with most problems. Please contact support@chem.washington.edu.
- The UW-IT Help Desk is also available, and handles campuswide issues such as forgotten NetID passwords. UW-IT provides extensive online help.

High Performance Computing

- **Hyak** - The University of Washington's shared cluster supercomputer. Chemistry department members typically access this resource through -
  - The Research Computing Club allocation (students only)
  - Chem queue (coming soon)
  - Ilahie queue (supported by an NSF MRI grant in 2016)

- Smaller jobs can run on the older, department-owned Stuart cluster (contact support@chem.washington.edu for assistance and access)

Other University Resources

- Obtaining temporary sponsored NetIDs
- **Student Technology Loan Program**: Funded through the Student Technology Fees, University of Washington students can borrow computers, tablets and other electronics
- **General UW computing support**
- **2 factor/Duo authentication** - required for Workday login

### External Supercomputing Resources
- **National Energy Research Scientific Computing Center**
- **EMSL Computing**, Pacific Northwest National Laboratory
- **Summit**, Oak Ridge National Laboratory

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