

# OHSU Research Cores and Shared Resources

## The Advanced Computing Center

OHSU's cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

[www.ohsu.edu/cores](http://www.ohsu.edu/cores)



**The ACC is a service center and charges for services provided.**  
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### Mission Statement

The mission of the Advanced Computing Center (ACC) at OHSU is to meet the computing needs of the OHSU research, academic and administrative community by providing a flexible and scalable set of advanced computing services that augment and supplement no-cost core services provided to the OHSU Enterprise by the Information Technology Group.

### Services

The ACC provides a tiered menu of service offerings, including consulting, hosting, backups and storage. These services are designed with the needs of research in mind, facilitating remote collaboration and co-located computing capabilities.

We offer virtual server environments, applications for research computing systems, secure and public web portals, and a large suite of open source applications. Provisioning is available for individual compute clusters, scaled and configured to meet the needs of individual customers across the institution.

### Equipment

The Advanced Computing Center's technology platforms are currently housed in 2000 square feet of the West Campus Data Center that provides redundant and emergency power, HVAC and multiple layers of security. Core Equipment comprises a 1000-processor compute resource with over 3 terabytes of memory as well as hundreds of terabytes of storage and backup capacity.

The Advanced Computing Center's network infrastructure consists of high-speed switches delivering Gigabit Ethernet to all hosted resources. This exclusively switched architecture is designed to eliminate the network bandwidth contention common in research environments, while allowing reliable high and low bandwidth connections between OHSU researchers, the internet, and OHSU's connection to Internet2.

**For More Information**  
<http://acc.ohsu.edu>