Navigating the Research Enterprise at Ohio State
Ohio's electronic research toolbox

Research Online is your one-stop shop for all of Ohio State's electronic research administration tools. With a single click, you can access information and forms for submission of human subject and animal protocols, manage grant budgets via the PI Portal, generate a PA-005 requests for grant proposals, and seek new funding opportunities. You can also create travel requests, use grant submission software such as Cayuse424, get the latest updates on export controls, or submit a conflict of interest declaration.

Office of Research Multidisciplinary Research Centers and Institutes

The Office of Research provides support and oversight for a set of multidisciplinary research centers that fall into one of three categories: academic centers (supported by the Office of Research or jointly in collaboration with participating colleges), core facilities, or state of Ohio programs (centers funded directly by the Ohio Board of Regents that serve all University System of Ohio institutions but are housed at Ohio State).

ACADEMIC CENTERS

Byrd Polar Research Center (BPRC)

BPRC, named in honor of Admiral Richard E. Byrd, America's most famous polar explorer, is recognized internationally as a leader in polar and alpine research. BPRC conducts multidisciplinary research, offers enhanced educational opportunities, and provides outreach activities that strengthen Ohio State's programs in polar processes, earth systems science, and environmental science. Over the years, the scope of research at the center has broadened significantly to encompass geological sciences, glaciology, paleoclimatology, meteorology, remote sensing, oceanography, and environmental geochemistry.

Center for Emergent Materials (CEM)

CEM, a National Science Foundation (NSF) supported Materials Research Science and Engineering Center (MRSEC), performs integrated research on emergent materials and phenomena in magnetoelectronics, creating the foundation for future oxide-based electronic materials that can be used in energy-efficient, fast computers with integrated memory and logic. With a $10.8 million award from NSF in 2008, the CEM joined a network of 27 MRSECs that support outstanding multidisciplinary and interdisciplinary materials research and education addressing fundamental problems in science and engineering.

Center for Lake Erie Area Research (CLEAR)

CLEAR, home of the Ohio Sea Grant, studies issues related to water quality, fisheries, and sustainable development along the Lake Erie coastline. The center is housed at Stone Laboratory on Gibraltar Island on Lake Erie. The Ohio Sea Grant identifies and prioritizes research issues through its partnerships with state and federal agencies, top scientists in the state, extension specialists, and private sector advisory committees. This private sector input assures that the program remains focused on the real-world impact of projects to improve the Lake Erie ecosystem.

Institute for Energy and the Environment (IEE)

IEE is committed to finding environmentally sustainable solutions to today's global energy problems. To date, more than 300 distinguished faculty members from multiple disciplines are performing research in every area related to energy, sustainability, and the environment. Key research initiatives include agricultural strategies to create new energy sources, the effect of climate change on water resources, increased solar energy production, sustainable transportation systems, and improving energy technologies and efficiencies. The IEE works to advance the university's state, local, and national role in addressing global energy issues.

Institute for Materials Research (IMR)

IMR serves as the gateway to Ohio State’s materials-related research enterprise, coordinating the dynamic, world-class multidisciplinary materials community. The Ohio State materials community encompasses over 120 faculty members and research staff representing 10 colleges and 20 departments on campus. IMR signature research areas include materials in alternative and sustainable energy and power; materials and the environment; biological materials, tissue engineering, and medicine; nanoelectronics and nanophotonics; multiscale modeling and computational materials science; multifunctional electronic, magnetic, and molecular materials; sensor materials; and polymer nanomaterials and nanobiotechnology.

CORE FACILITIES

Campus Chemical Instrument Center (CCIC)

www.ccic.ohio-state.edu

CCIC provides state-of-the-art research facilities to the Ohio State research community in the areas of nuclear magnetic resonance, mass spectrometry, and proteomics. It serves as a statewide hub for researchers at all Ohio universities, offering outstanding data collection and processing capabilities.

Campus Microscopy and Imaging Facility (CMIF)

cmif.osu.edu

CMIF offers a full range of microscopy, including confocal, light, scanning electron, and transmission electron microscopy. The CMIF has recently added instrumentation for live-cell confocal imaging. The CMIF serves university faculty, staff, and students as well as researchers outside the university.

STATE OF OHIO PROGRAMS

Ohio Academic Resources Network (OARnet)

oar.net

Serving primarily as the technology infrastructure arm of the University System of Ohio, OARnet was established in 1987 by the Ohio Board of Regents to provide researchers with access to the computational resources of the Ohio Supercomputer Center. Today, OARnet provides Ohio's colleges and universities and their research partners with an integrated technology infrastructure that includes unrivaled intrastate network connectivity and shared services. OARnet also participates in programs to deploy network infrastructure to enhance community development, promote cross-cultural education, and improve healthcare.

Ohio Learning Network (OLN)

oln.org

OLN promotes the use of technology in teaching and learning. The network was established to help Ohioans find educational programs and to assist colleges and universities as they use technology to improve teaching and learning. OLN also helps build partnerships among higher education, schools, businesses, and communities. OLN is a consortium of 81 member institutions across the state.

Ohio Supercomputer Center (OSC)

osc.edu

OSC provides supercomputing, networking, research, and educational resources to the state and national community. OSC empowers innovation and economic development in the fields of bioscience, advanced materials, data exploitation, and other areas of state focus by providing a powerful high performance computing, research, and education cyberinfrastructure for a diverse statewide/regional constituency. OSC partners with Ohio researchers in the development of competitive, collaborative proposals to regional, national, and international funding organizations to solve some of the world's most challenging scientific and engineering problems.

Visit the redesigned Office of Research website at research.osu.edu. Click on the "For Researchers" tab to find the information that you'll need to navigate the research enterprise.
The Office of Research is working to elevate Ohio State's research enterprise toward even higher levels of excellence.
### Navigating the Research Enterprise at Ohio State: Quick Resource Guide

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- Sponsored Program Officers (osp.osu.edu/spos)
- Proposal Development and Preparation (osp.osu.edu/development)
- Post-Award Assistance (osp.osu.edu/administration)

#### College Research Officers (CROs)

Directory (research.osu.edu/vp/contact/cros)

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Read the latest Ohio State University research stories at [researchnews.osu.edu](http://researchnews.osu.edu)