

INTERNAL COMPETITION

High Performance Computing Grants



The [Cray XT \(Jaguar\)](#), Oak Ridge National Laboratory's 1.64-petaflop computing system. Photo: ORNL

Faculty!

Could your research* use the “world’s most powerful computer?”

*Eligible research aligns with the Oak Ridge National Laboratory’s Cross-Cutting Science Agenda:

- Neutron Science
- Biological Systems
- Energy
- Advanced Materials
- National Security
- Supercomputing
- Chemical Sciences
- Nuclear Physics

The [Oak Ridge Associated Universities \(ORAU\)](#) consortium has partnered with the [Oak Ridge National Laboratory \(ORNL\)](#) to provide opportunities for meaningful faculty/student engagement with ORNL’s high performance computers via the **ORAU / ORNL High Performance Computing Grant Program.**

Awards include \$75,000 (at \$25,000/year for up to 3 years) — plus the use of ORNL’s computing capabilities. Preference will be given to proposals that provide for **faculty–student teams** spending time (summer) at ORNL.

Because ORAU & ORNL allow only **one HPC pre-proposal per member institution**, Southern Miss is conducting an **internal competition** to select one concept for development into a pre-proposal & submission to ORAU / ORNL.

How faculty may participate:

- **Read** the full HPC announcement, guidelines, & linked information, at: <http://www.ornl.gov/university-partnerships/faculty-student-programs/hpc/default.aspx>.
- **Prepare** a concept paper of not more than three (3) pages, including a summary budget.
- **Attach** the paper, in Word or PDF format, to an e-mail message & send it to sponsoredprograms@usm.edu no later than **5:00 pm Wednesday, September 16.**



For questions about the competition, contact J. Syd Conner at Southern Miss Sponsored Programs Administration at sponsoredprograms@usm.edu or 601 • 266 • 4119.