



# High Performance Computing Center

## Fall 2015 Newsletter



Have questions about Linux, job scheduling on Cowboy or other concerns?

Visit the **FAQ** section of the HPC website.

<https://hpcc.okstate.edu/content/faq>

### MARK YOUR CALENDARS

#### Supercomputing Symposium

September 23, 2015  
8:00 a.m. – 5:00 p.m.

Sign Up:

<http://symposium2015.oscer.ou.edu/>



Parallel Programming and Optimization with Intel® Xeon Phi™ Coprocessors Developer Training Events

CDT 101

<http://events.r20.constantcontact.com/register/event?oeidk=a07ebbni5pl35496663&llr=kpiwi7pab&showPage=true>

CDT 102

<http://events.r20.constantcontact.com/register/event?oeidk=a07ebc08lo6ed3fa16f&llr=kpiwi7pab&showPage=true>

For more information go to [hpcc.okstate.edu](http://hpcc.okstate.edu) for updates!



Do you have a research item, tech tip or other suggestion for making our quarterly newsletter even better? Please send them to [hpcc@okstate.edu](mailto:hpcc@okstate.edu).

### NEW RESEARCH CLOUD

Driven by Oklahoma's NSF EPSCoR RII Track 1 award, "Adapting Socio-ecological Systems to Increased Climate Variability," OSUHPCC has deployed the OSU Research Cloud which allows research teams to utilize virtual servers without having to acquire, deploy and manage physical resources themselves. This resource helps researchers meet computing needs beyond what their desktop computer can handle that are not conducive to the typical batch processing of the HPC system. It facilitates sharing and analyzing large datasets, databases and interactive and graphical computing. To find out more write to [hpcc@okstate.edu](mailto:hpcc@okstate.edu)



### BIOINFORMATICS EXPERT JOINS OSU SUPERCOMPUTER CENTER

The OSU High Performance Computing Center has hired a bioinformatics specialist to assist faculty, staff and students across all campus disciplines with research using the university's supercomputer cluster called Cowboy. Brian Couger will complete his Ph.D. in the OSU Department of Molecular Biology and Molecular Genetics in December. Couger ([mcouger@okstate.edu](mailto:mcouger@okstate.edu)) supports and collaborates with the analysis of large bioinformatics data, provides consultation on sequencing and bioinformatics project design, assists with synthesis of bioinformatics related sections of publications and facilitates the use of local and national high performance computing resources. Brian is located in 104 Math Sciences alongside the rest of the HPC team (offices 105 – 107).

### CONGRATS! NEW MRI PROPOSAL AWARD

We're delighted to report that our NSF MRI proposal, "Acquisition of Shared High Performance Compute Cluster for Multidisciplinary Computational and Data-Intensive Research" has been awarded at \$951,570! See the award page here: [http://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1531128](http://www.nsf.gov/awardsearch/showAward?AWD_ID=1531128). This grant will allow us to meet the ever growing demand for computational and data-intensive research and education at OSU and across Oklahoma.

### The HPC offers the following:

- Training Sessions throughout the year
- Small class/group sessions on demand
- Proposal & Project Support
- Online Training Resources
- Individual Drop In Support
- Collaboration w/ external researchers

Email: [hpcc@okstate.edu](mailto:hpcc@okstate.edu) or stop by our offices in Math Science (105 – 107) for more information

DID YOU KNOW

