High Performance Computing Information

Getting Started with the HPC

Refer to the links below for an introduction to the HPC.

How Do I Get Access to the HPC?

Fill out the appropriate tab of the **HPC Access Request Form**. Access is typically granted within one business day.

How Do I Run My Jobs on the HPC?

See the documents below for basic examples of several types of jobs on the HPC system.

- **HPC Sample Job: Caffe**
- **HPC Sample Job: COMSOL**
- **HPC Sample Job: LAMMPS**
- **HPC Sample Job: Gaussian**
- **HPC Sample Job: Gromacs**
- **HPC Sample Job: MPI Program**
- **HPC Sample Job: NAMD**
- **HPC Sample Job: Towhee**

How Many Jobs Can I Run? Why Are Some of My Jobs Stuck in the Queue, Even When Resources Are Available?

If your jobs are short (less than 1 CPU-day per job), you can run as many as we have free CPU cores.

If you've already reserved a lot of CPU time (around 1000 CPU-days), we may delay running some of your later jobs to ensure resources are available to others.

Full scheduler policy details and examples are in the **HPC Job Scheduling** document.