

ODU Research Computing Services presents

XSEDE HPC Workshop: OpenACC

Accelerate your HPC applications using graphical processing units (GPU)!

This hands-on workshop will introduce parallel computing on graphical processing units (GPU) using OpenACC. (OpenACC is a directive-based approach similar to OpenMP to expose parallelism and offload the heavy computational work onto a GPU, which can speed up compute-intensive applications by a large factor.) This

workshop is presented by the Pittsburgh Supercomputing Center (PSC) and simulcast at ODU. The materials will be taught at an introductory level. Basic C or Fortran programming is needed, but no prior knowledge of parallel programming is required. Attendees will have an opportunity to apply the lessons learned through hands-on exercises, which will be performed on a real supercomputer at PSC. Please bring your own laptop in order to complete the exercises.

**Tuesday, December 6
11:00 a.m. to 5:00 p.m.**

**Webb University Center
Norfolk Room**



Go to <https://goo.gl/OIBdck> to learn more and to register.¹

Seating is limited and the course is open to the public, so register soon.

Please contact hpc@odu.edu if you have questions regarding this workshop.



¹Full address: <https://portal.xsede.org/course-calendar/-/training-user/class/525/session/1127>