**Blue Waters Petascale Semester Curriculum v1.0**

**Unit 3: Using a Cluster**

**Lesson 5: Running Code on a Cluster 1**

**References / Further Reading**

*Developed by Juan R. Perilla for the Shodor Education Foundation, Inc.*



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*Browse and search the full curriculum at*[*http://shodor.org/petascale/materials/semester-curriculum*](http://shodor.org/petascale/materials/semester-curriculum)

*We welcome your improvements! You can submit your proposed changes to this material and the rest of the curriculum in our GitHub repository at*[*https://github.com/shodor-education/petascale-semester-curriculum*](https://github.com/shodor-education/petascale-semester-curriculum)

*We want to hear from you! Please let us know your experiences using this material by sending email to* [*petascale@shodor.org*](mailto:petascale@shodor.org)

Using aprun: https://bluewaters.ncsa.illinois.edu/using-aprun

Queueing policies: https://bluewaters.ncsa.illinois.edu/queues-and-scheduling-policies

Accessing compute nodes: https://bluewaters.ncsa.illinois.edu/accessing

Ibrun: <https://portal.tacc.utexas.edu/user-guides/stampede2>

Globus at TACC: <https://portal.tacc.utexas.edu/tutorials/globus>

STAMPEDE2 user guide: <https://portal.tacc.utexas.edu/user-guides/stampede2>

XSEDE Educational allocations: <https://portal.xsede.org/allocations/policies>