

## Vanguard Center Special HPC Project Request

Save file and send to the Vanguard Center special projects mailbox at: [proposal@mhpcc.hpc.mil](mailto:proposal@mhpcc.hpc.mil)

**Project Title:**

**Date Requested:**

**Project Leader:**

**Project Sponsor:**

Name:

Name:

Email:

Email:

Phone:

Phone:

Organization:

Organization:

**Org S/AAA:**

**Application Name:**

Name:

Email:

Phone:

**Project Description:** Briefly discuss the project's impact and include a description how this project contributes to DoD mission. Explain how the requested access will help us inform the HPCMP Technology Insertion process. Current status of the application and (if applicable) how does it utilize GPGPUs and how does it do so (CUDA version, OpenACC). If it does not use GPGPU's, what are the circumstances that require you to use Hokulea or other Vanguard system? Are you willing to work with MHPCC to modify and instrument the code?

**Usage Estimate:** Estimate the total time needed, both in core-hours and overall project duration. Estimate the length of time in wallclock hours for a typical job submission on production systems and the number and size of production jobs.

**Additional Users:** Names and organization(s) of additional users participating in the project.

**Results and Constraints:** Identify your willingness to share performance assessment information in conference papers and publications. Does your project require any type of Commercial-off-the-shelf (COTS) Software application?