HPC Special Interest Group

Initiated through collaborative efforts between NCI's Data Science and Information Technology Program (DSITP) and the Center for Biomedical Informatics and Information Technology (CBIIT), **the High Performance Computing Special Interest Group (HPC SIG) aims to build a community around high performance computing with the shared purpose of raising scientific productivity.**

To get connected and become aware of upcoming meetings, send an email to HPC-SIG@list.nih.gov requesting to be added to the HPC SIG list serve.

Click on the following icons for information on how to access Department of Energy HPC Systems:

Argonne NATIONAL LABORATORY

OAK RIDGE National Laboratory

The following HPC Needs Assessment Template will help facilitate access to HPC resources for scientific projects across the NCI intramural research program:

Completed forms may be sent to the HPC SIG (HPC-SIG@nih.gov) to initiate HPC resource planning.
HPC resources have become essential for many groups within NCI as identified in needs assessments from 2015 and 2016. Yet, groups remain unfamiliar with applications of HPC methods to cancer research, have limited access or experience programming for HPC, or do not know how to access available resources. Therefore, an **outreach and education** program to the intramural community is needed to **increase awareness about HPC**.

This effort is aimed to increase the number of computationally aware NCI staff as a first step towards a more **computationally experienced workforce**, as the rapidly increasing demand for this experience across the intramural community is very unlikely to be met given current staffing expectations. Further, fostering a community within NCI intramural research program while including others in the NIH will **provide a forum for help, engagement, sharing of expertise**, and a source for strategic and technical ideas and recommendations.

search HPC Consultation - Consultation, training, and support for high performance computing systems used by NCI researchers.

search HPC Application Development - High performance (HPC) and scientific computing application development for NCI researchers.

search HPC Data Transfer Resources - High performance and scientific computing data transfer resources for NCI cancer research studies/projects.

Not sure where to start? Contact us for an initial consultation.

Team Calendars

Questions?

General Support : Miles Kimbrough: miles.kimbrough@nih.gov | Randy Johnson: johnsonra@mail.nih.gov

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