



**OVPR and GW Information Technology (GW IT) Communications  
Information Sources For COVID-19 Research Support**

**March 31, 2020**

Here is an overview of national High Performance Computing (HPC) and Supercomputer facilities available to researchers conducting research related to COVID-19.

While resources available will continue to evolve, please refer to the following national announcements:



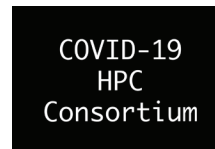
**The White House Partnership for Supercomputing Resources to Fight COVID-19.**

This unique public-private consortium, spearheaded by the White House, the U.S. Department of Energy, and IBM, includes government, industry, and academic leaders who have volunteered free compute time and resources on their machines. All of the details are at <https://www.whitehouse.gov/briefings-statements/white-house-announces-new-partnership-unleash-u-s-supercomputing-resources-fight-covid-19/>

**COVID-19 High Performance Computing Consortium:**

Combines resources of the Federal government, industry, and academic leaders to provide access to the world's most powerful high-performance computing capabilities in support of COVID-19 research. Information is available at <https://www.ibm.com/covid19/hpc-consortium>

**Submit an application** through the XSEDE research portal: <https://www.xsede.org/covid19-hpc-consortium>



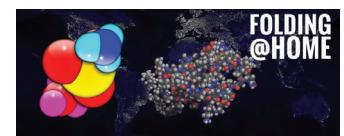
Available through:



**Open Science Grid**

**The Open Science Grid:** The Open Science Grid (OSG) provides common service and support for resource providers and scientific institutions using a distributed fabric of high throughput computational services. The OSG does not own resources but provides software and services to users and resource providers alike to enable the opportunistic usage and sharing of resources. Key areas are Structural Biology, Community VO and High Energy Physics. Visit <https://opensciencegrid.org/>

**Folding@Home:** A distributed computing project for simulating protein dynamics, including the process of protein folding and the movements of proteins implicated in a variety of diseases. It brings together citizen scientists who volunteer to run simulations of protein dynamics on their personal computers. Learn more at <https://foldingathome.org/>



**GWIT's Research Technology Services (RTS) group is available to help at [rtshelp@gwu.edu](mailto:rtshelp@gwu.edu).**