

Research Computing

Research & High-Performance Computing Support (RHPCS)

RHPCS supports the computational and digital research infrastructure needs of researchers from all disciplines across campus.

- Data storage and backups
- Data visualization and analysis programming
- Desktop and server system administration and support
- High Performance and Advanced Research Computing Support (in partnership with SHARCNET)

 rhpcs.admin@rhpcs.mcmaster.ca

What we do:

- Laboratory and research infrastructure design
- Research data lifecycle planning and support
- Research Software Engineering / Programming
- Web survey implementation
- Support with CFI and other funding applications

 <https://rhpcs.mcmaster.ca/>

SHARCNET / Compute Canada

(Shared Hierarchical Academic Research Computing Network)

Sharcnet is part of Compute Canada, the National Digital Research Infrastructure platform that provides access to supercomputing facilities for research.

 help@sharcnet.ca

 <https://www.sharcnet.ca>

SOSCIP

(Southern Ontario Smart Computing Innovation Platform)
Provides advanced computing to support collaborations between industrial and academic researchers.

 info@soscip.org

 <https://www.soscip.org/>

Compute Canada

Provides essential digital research infrastructure for Canadian researchers in partnership with Sharcnet.

 support@computeCanada.ca

 <https://www.computeCanada.ca/>

Know you want a Compute Canada account?

For Faculty

Apply for an account at Compute Canada Database (CCDB)

 ccdb.computeCanada.ca

For Group members

Group members (e.g. graduate/undergraduate students, postdocs, research assistants, external collaborators, visiting faculty) need to:

- Be sponsored by principal investigator/supervisor
- Apply for an account at CCDB

Research Support @ the Library

The Library has tools and training to support you every step of the way through the information research process.

- Planning your research
- Finding your resources
- Evaluating & citing sources
- Publishing your research

 rdmgmt@mcmaster.ca

University Technology Services (UTS) and your Faculty IT Office can also provide you with support and guidance on your computing needs.