Advanced Research Computing (ARC) helps researchers tackle complex problems and big data sets, reduce their processing times, build platforms or portals, and collaborate with colleagues. WestGrid ARC training webinars are open to all university researchers, students, and staff in all disciplines. Sessions are free, but registration is required.

### September 30
11:00am–12:00pm MDT

**Working with Multidimensional Datasets in Xarray**
Introduction to Xarray, an open source project and Python package.

### October 14
11:00am–12:00pm MDT

**Tips & Tricks on Getting Programming Help**
Tips for using online sites and communities to get answers to your questions.

### October 15
11:30am–1:00pm MDT

**Collaborating on GitHub**
Introduction to GitHub, a powerful platform for version control and collaboration. Delivered in partnership with the UBC Library Research Commons.

### October 28
11:00am–12:00pm MDT

**Advanced VMD**
More advanced ways to use VMD for the visualization & analysis of biological systems.

### November 19
11:30am–1:00pm MST

**3D Scientific Visualization with Python Scripting in ParaView**
Create engaging 3D visualizations and animations from scripts and the command line. Delivered in partnership with the UBC Library Research Commons.

### November 25
11:00am–12:00pm MST

**The Topology ToolKit (TTK)**
How to use TTK for efficient and easy topological data analysis and visualization.

### December 9
11:00am–12:00pm MST

**GIS with R**
An introductory look at working with spatial data in R.

**Other ARC training events we’re helping advertise:**

- **University of Alberta**
  **Fall 2020 Research Computing Bootcamp**
  Python and HPC workshops, as well as sessions on social media APIs, cloud, and more.

For more information and to register online, visit: [www.westgrid.ca/training](http://www.westgrid.ca/training)

WestGrid is a not-for-profit organization working with academic institutions to connect their researchers with ARC facilities, research data management services, and technical experts to accelerate innovation and research development in Western Canada. [www.westgrid.ca](http://www.westgrid.ca)