Power Up Your Research and Teaching
California State University Spring Workshop

Join us on April 3rd – 4th for a free two-day in-person regional XSEDE workshop hosted by California State University at San Bernardino. Open to all faculty, researchers, and students in all disciplines interested in learning how to incorporate analytics, modeling and simulation, advanced data analysis and visualization, and high performance computing into their teaching and research. The workshop will provide an overview of computational, data analysis, visualization, and data storage resources available at ASU Advanced Computing Center and XSEDE. There will be hands-on training sessions on topics such as parallel programming, scientific visualization, and simulation and modeling tools for the classroom.

Do you want to -

- use large scale computational, data analysis and visualization resources
- incorporate analytics, modeling and simulation into your classes
- develop your students’ computational literacy
- Learn –
  - How to Access XSEDE and ASU Advanced Computing Center Resources
  - Computational Thinking and Adding Computational Science to Curriculum
  - Image Analytics - Social Network Analysis - Text Mining - Video Analysis
  - Scientific Visualization - Parallel Computing with MPI and OpenMP
  - CUDA™ - Intel XEON Phi - OpenACC GPU Programming - PETSc

XSEDE is a virtual organization that provides a dynamic distributed infrastructure, support services, and technical expertise that enable researchers, engineers, and scholars to address the most important and challenging problems facing the nation and world. XSEDE supports a growing collection of advanced computing, high-end visualization, data analysis, and other resources and services. XSEDE is funded by the National Science Foundation.

Register at https://www.xsede.org/web/xup/course-calendar/-/training-user/class/256/session/338 by March 14th. If you do not have an XSEDE User Account, you will be asked to create one before registering. Upon registering, a link for a brief pre-event survey will be sent to you. Completing the survey will help us shape the agenda to meet your interests and needs.

This workshop is in Southern California. A fall workshop will be held in Northern California.

Questions about the workshop can be sent to CSUSB.
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