



SC14
New Orleans, LA | **hpc matters.**

CSRC @ SC14

SDSU Computational Sciences Research Center Research Booth

at Supercomputing 2014 (#3941)

**New Orleans, LA
November 12-15, 2013**

The CSRC will host a research booth (#3941) at the Supercomputing 2014 meeting, to be held in New Orleans, LA (<http://sc14.supercomputing.org>). SC is the annual gathering for researchers, developers, and commercial companies involved in high-end supercomputing, big data, and high speed networks. Supercomputing programs and activities include a strong technical meeting and associated workshops (with peer-reviewed publications), as well as an industrial exhibit where attendees can visit research, education, and vendor booths. Supercomputing is where new advances in computing technologies are showcased, advances in research are presented, and educational institutions feature their programs. It is also a meeting where students are very strongly encouraged to participate as either paper or poster presenters (there is a doctoral showcase program), or to apply to attend as student volunteers (all expenses paid) or participate in the broader engagement program (all expenses paid). These positions are highly visible, competitive and subject to review and can be listed in a students resume.

Our goal with this activity is to raise the level of participation by CSRC, Colleges of Sciences and Engineering, and SDSU research and student communities. Over the last four years, several SDSU students and faculty participate at SC. We strongly encourage student participation by actively supporting them to apply for student positions, presentations, and working at the booth

(we provide information email announcements, guide them throughout the application process, and provide letters of support in conjunction with supervising faculty. There is a tradition at these meetings where researchers not only submit and attend technical presentations, but many of the universities and national research laboratories host these booths as part of the technical exhibits. It is at these booths that universities can feature and showcase research and students.

The purpose of the booth is to

- a. Attract and interest potential graduate students;
- b. Introduce the PhD program to professors, attendees from other Universities who might be in a position to refer undergraduates to our program, and vendors who might support the program or Ph.D. students.
- c. Promote research awareness within the computational and CS research communities.
- d. Mentor SDSU students by providing them with several experiences: an in-depth experience of attending an international scientific meeting as attendees; to participate as volunteers where they learn about how meetings are organized; and to be involved at an even deeper level by spending time in our booth where they have to provide information about the program and SDSU to a general public audience.
- e. Encourage students to apply for SC awards and scholarships (which include full travel expenses). Each year we have had several students who have won these competitive awards.

A key goal of this activity to increase the presence of SDSU students and researchers at this annual meeting and the awareness of the Supercomputing community about the quality of research and education at SDSU. The CSRC has a joint doctoral program with Claremont Graduate University and several SDSU departments (Math, Biology, Computer Science, Geology, Physics, Engineering), and several scholarship programs which we promote. We are well positioned to outreach to these communities. Last year, the meeting attendance at SC13 was over 10,000 people (Denver), with several CSRC faculty and students attended as well. The Research booth is used to present research, arrange meetings, interact with attendees, to promote the research being conducted by the CSRC community, and to promote the CSRC graduate studies programs. The booth also serves as a spot for SDSU alumni and for local San Diego vendors to drop by and talk about SDSU.

If you are attending the meeting, please drop by our booth (#3941). If you have questions, please contact Dr. Mary Thomas (mthomas@sciences.sdsu.edu)



<http://www.csrc.sdsu.edu>

