



Seattle, WA
Connecting communities
through HPC

Student Volunteer Opportunities for SC11 Conference

November 12-18, 2011

**Washington State Convention
and Trade Center
Seattle, Washington**

For more information:

sc11.supercomputing.org/?pg=studvol.html
student-vols@info.supercomputing.org

Sponsors:

ACM SIGARCH



Association for
Computing Machinery

IEEE Computer Society



We encourage **undergraduate and graduate students** to apply as volunteers to help with the administration of the conference. In exchange for volunteering, you will receive complimentary conference registration, housing (for out-of-town volunteers), and most meals. In addition, we provide limited support for transportation expenses (such as airfare) for international students and students from groups that traditionally have been underrepresented in HPC (African Americans, Hispanics, Native Americans, Alaska Natives, Native Hawaiians, Pacific Islanders, the physically challenged and women).

As a student volunteer, you will have an opportunity to learn about and discuss the latest high performance computing and networking technologies and meet leading researchers from around the world while, at the same time, contributing to the success of SC11.

Student volunteers are expected to be available to work 4-5 hours per day during the week of the conference. We require no special skills or experience for most volunteer positions, but some familiarity with computing platforms, audio/visual equipment, or office equipment may be helpful.

Application Submissions open: April 1, 2011

Application Submissions deadline: August 12, 2011

Successful applicants will be notified of their acceptance by September 9, 2011.

Student Volunteer application forms are available at the SC11 Submissions site at <http://submissions.supercomputing.org/>

If you have questions, please send email to student-vols@info.supercomputing.org.

Student Volunteers is a component of the SC Communities Program

SC Communities brings together programs designed to support emerging leaders and groups that have traditionally been underrepresented in computing. Through this program, we provide opportunities for students, faculty, early-career professionals, and international attendees to participate in the conference through our International Ambassadors, Broader Engagement, Education Program, Student Cluster Competition, and Student Volunteers activities. Limited travel support is available for some of these programs; we encourage you to apply. For more information on these components, go to: sc11.supercomputing.org/communities.

To preview the rest of the conference go to sc11.supercomputing.org.



Important Dates:

April 1, 2011

**Student Volunteer Application
Submissions Open**

August 12, 2011

**Student Volunteer Application
Submissions Close**

September 9, 2011

**Student Volunteer Notification of
Applicant Acceptance**

November 12-18, 2011

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SC11 Communities Programs

- **Broader Engagement Program:** this program is designed to broaden participation in the conference and increase the engagement of individuals from around the globe, in groups and disciplines that traditionally have been underrepresented in high performance computing or at the SC Conference.
- **Education Program:** this program introduces HPC and Computational Science and Engineering (CSE) techniques, technologies and resources to undergraduate faculty and high school teachers. The program assists educators in integrating HPC and CSE into their classrooms.
- **Student Cluster Competition:** this competition is an opportunity to showcase student expertise in a friendly yet spirited competition. The competition will feature small teams that compete to harness the incredible power of current-generation cluster hardware. In a real-time challenge, teams of six undergraduate and/or high school students will build a small cluster of their own design on the SC exhibit floor and race to demonstrate the greatest sustained performance across a series of applications.
- **International Ambassadors:** Ambassadors will be available to help enhance the conference experience of international attendees. Prior to the start of the conference, the Ambassadors will provide the international community with web-based assistance on how to obtain visas, make housing arrangements and plan travel within the Seattle metropolitan area. At the conference, a special International Attendees Center will provide a place for international attendees to meet, learn more about the conference and interact with international colleagues, as well as organizers of the conference.
- **Mentor/Protégé Program:** to help make the most of your SC experience, the mentor/protégé program matches each participant (protégé) with a mentor, a person who has attended previous SC conferences and is committed to working with their protégés to share their experiences, offer guidance for making the most of their experience at SC11 and providing educational and career advice.
- **Student Job Fair:** More than 100 students have participated each year in the Student Job Fair in which more than 30 representatives from government and industry research labs, academic institutions, recruiting agencies and private industry met with students to discuss research opportunities, temporary and permanent employment opportunities, co-ops and internships. The program welcomes all interested students and all organizations with opportunities for student engagement.

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