



# SC Education Summer Workshops

<http://sc-education.org/workshops/>

## Register Now for Summer 2008

### What are the SC Education summer workshops?

The SC Education program provides week-long workshops in High Performance Computing (HPC) education and HPC curriculum development for faculty, administrators, and students. These workshops focus on curriculum change and professional development concentrating on today's high performance computing environments.

### What is the SC08 Education program?

The SC08 Education program uses hands-on based workshops to help attendees incorporate computational science and computational modeling into primarily the undergraduate curriculum. Topics may also include high performance computing and communications technologies in support of science and modeling. The intent of the curricular change is to prepare future scientists, technologists, engineers, and teachers. The program culminates in a week-long offering at the SC (Supercomputing) Conference in November.

### Who is the intended audience?

The SC Education Program summer workshops are open to undergraduate and graduate educators in all fields of science, technology, engineering, mathematics, humanities, arts and social sciences, especially those from minority-serving institutions. The summer workshops are also open to high school teachers collaborating with college faculty. Faculty are encouraged to mentor and support undergraduate and graduate students by including them as part of a workshop team.

### What are the workshop topics?

Topics for the 2008 summer workshop series include:

- Applications of HPC, Grids, and Parallel Computing to Science Education
- Computational Biology for Biology Educators
- Computational Chemistry for Chemistry Educators
- Computational Physics and Parallel Environments
- High Performance Computing in the Humanities, Arts and Social Sciences
- Nanotechnologies and High Performance Computing in Education and Research

### What is the cost involved with attending?

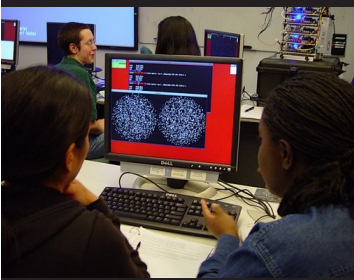
Participants are asked to pay a registration fee of \$150 and will be required to cover their own travel expenses. Room, board, most meals, and other costs associated with the workshop are covered by the SC Education Program.

### When and where are the workshops?

See the reverse side for workshop locations and dates.

### How do I register?

Visit <http://sc-education.org/workshops/> to register.



# SC Education Summer Workshops

Register at <http://sc-education.org/workshops/>

## → Applications of HPC, Grids, and Parallel Computing to Science Education

### Dates

June 15 – June 21  
July 6 – July 12  
July 20 – July 26  
Aug 10 – Aug 16

### Locations

Navajo Technical College in Crownpoint, NM  
Grand Valley State University in Allendale, MI  
NCSA Access DC in Arlington, VA  
University of Oklahoma in Norman, OK

## → Computational Biology for Biology Educators

### Dates

July 13 – July 19  
July 20 – July 26

### Locations

Houston Community College System in Houston, TX  
Arizona State University in Tempe, AZ

## → Computational Chemistry for Chemistry Educators

### Dates

June 1 – June 7

### Location

University of Puerto Rico in Rio Piedras, Puerto Rico

## → Computational Physics and Parallel Environments

### Dates

June 1 – June 7

### Location

Kean University in Union, NJ

## → High Performance Computing in the Humanities, Arts and Social Sciences

### Dates

July 27 – Aug 2

### Location

University of Illinois in Urbana-Champaign, IL

## → Introduction to Modeling, Simulation, and Computational Methods

### Dates

July 28 – July 30

### Location

Indiana University Northwest, IN – registration fee of \$75

## → Integrating Computational Science into the Undergraduate Curriculum

### Dates

June 8 – June 14

### Location

Louisiana State University in Baton Rouge, LA

## → Nanotechnologies and High Performance Computing in Education and Research

### Dates

June 22 – June 28  
June 29 – July 5

### Locations

University of Texas in El Paso, TX  
CeNAT in San Jose, Costa Rica

**This list is subject to change as more workshops are added. See the website at <http://sc-education.org/workshops/> for up-to-date information.**