



# MIDDLE AND HIGH SCHOOL TEACHERS TAKE THE CHALLENGE!



**THIS SUMMER...** spend two weeks in July participating in a workshop that will prepare you to take part in the NM Supercomputing Challenge. Learn how to sponsor a team of students developing a computational science project while sharpening your STEM (science, technology, engineering and math) skills.

## SUMMER TEACHER INSTITUTE 2008

July 13th - 25th

NM Tech Campus, Socorro, NM

SPONSORED BY THE SUPERCOMPUTING CHALLENGE



### WHAT WE OFFER

At the Supercomputing Challenge Summer Teacher Institute, teachers complete a condensed version of the Challenge year their students will experience including working on teams, and selecting, researching, modeling, and presenting a computational science project of their team's choice. Immersed in this supported technology-rich atmosphere, participants will investigate new ways of incorporating technology in their classes while brushing up on their STEM skills.

### WHO CAN ATTEND?

Any middle or high school teacher from New Mexico with an interest in sponsoring a Challenge team in the next school year.

### HOW DO I SIGN-UP?

Send an email to [sticore@challenge.nm.org](mailto:sticore@challenge.nm.org) to register. Tell us your name, school, and the grade you teach.

### HOW MUCH DOES IT COST?

Absolutely nothing.

### WHY SHOULD I ATTEND?

Summer Teacher Institute is a wonderful opportunity to share ideas with teachers from throughout the state while sharpening STEM skills, understanding, and practice. We are a welcoming, supportive community of educators who strive to provide our students with exciting activities and opportunities for growth.

In addition, each teacher accepted into the program will receive an honorarium, room and board, books and supplementary materials, AND earn three hours of graduate credit paid for by the Challenge!

### FOR MORE INFORMATION

Visit our website at <http://challenge.nm.org/sti>.



# \$90,000 in Scholarships

will be awarded to several outstanding students from New Mexico  
in April 2009 for their work in the



Teams of one to five students will conduct  
independent scientific research  
on topics of their own choosing.

### Guided by mentors

from the National Laboratories, State Universities, and private businesses,  
students will learn important skills to give them an edge in their college classes.

*These important research skills are not usually taught in advanced placement classes!*

## How can students in your school district compete for these valuable scholarships?

*Encourage a teacher to attend our Summer Teacher Institute professional development  
seminar, then next year they can sponsor one or more teams!*

## We pay teachers to attend the seminar!

The Supercomputing Challenge will pay teachers \$1000 for successfully completing our  
intensive two-week seminar; it will be held July 13-25, 2008 at New Mexico Institute of  
Mining and Technology in Socorro.

Teachers may earn three graduate credit hours from New Mexico Tech.

We pay the tuition!

We provide the books!

We pay room and board!

### To learn more contact:

Betsy Frederick

Phone: (505) 220-5050

E-mail: [sticore@challenge.nm.org](mailto:sticore@challenge.nm.org)

Celia Einhorn

Phone: (505) 281-1122

<http://challenge.nm.org/sti>

***HURRY! CLASS SIZE IS LIMITED!***

*Sponsored by Los Alamos and Sandia National Laboratories,  
the State of New Mexico and the Public Education Department*