



### Creative University-School Partnerships (CUSP)

East Orange	Park Ridge
Englewood Cliffs	Passaic Valley RHS
Franklin Lakes	Ridgefield
Hackensack	Rutherford
Hillsdale	Saddle River
Leonia	Teaneck
Little Fall	Totowa
Lodi	Wayne
Lyndhurst	West Orange
Montclair	West Paterson
Orange	MSU

CUSP is a partnership of a research and teaching university (MSU) with a diverse group of school districts in Bergen, Essex, and Passaic counties. CUSP is a comprehensive project that addresses educational needs using research-based pedagogies.

#### CUSP Project Activities

- Summer Institute
- Distance Learning
- Content-based workshops
- Videoconferencing
- Adopt-a-professor
- Math & Science courses
- Assistance in achieving HQT status in math and science
- Classroom visiting teams

#### EVENTS AND IMPORTANT DATES

May 23 - 25 Hands and Minds Together, Science and Mathematics Conference, MSU Student Center and Annex (SC).

June 2 PRISM Partners Meeting; Topic - TBA

### Hands and Minds Together

Leaving No Child Behind in Science & Mathematics  
**Science and Mathematics Conferences**  
Montclair State University, NJ May 23 - 25 2005  
Register online at [www.tlcpd.com](http://www.tlcpd.com)

### ENGLEWOOD CLIFFS TOUTS CUSP PARTNERSHIP!

Englewood Cliffs Public School District has capitalized on its CUSP partnership. In the latest edition of PATHWAYS TO KNOWLEDGE, the Englewood Cliffs Public School newsletter, the Adopt-A-Professor program was spotlighted. The district adopted Dr. George Pangalos, an MSU professor, to improve the science knowledge and understanding of all 5<sup>th</sup> and 6<sup>th</sup> graders.

During his monthly visits Dr. Pangalos used the topic of waves to demonstrate a learning model that promoted independent student inquiry and problem solving. In addition to Adopt-A-Professor the Englewood Cliffs Everyday Mathematics Program has benefited from the expertise of CUSP mathematics Outreach Team leader Nancy Schultz and Amy Fabrikant-Eagan. Mrs. Schultz conducted a Connected Mathematics and Writers Workshop to train teachers to combine written expression and mathematics application. This program stimulates student creativity in the quest for solutions to problems and the written description of the process.

### TO DATE THE CUSP PROJECT HAS ACHIEVED THE FOLLOWING:

Completed large group, small group, and individualized contacts with 312 teachers in grades 5-9 in mathematics and science. These professional development experiences include monthly meetings of CUSP partners, 90 inservice sessions in CUSP school districts, 67 on-site classroom visits to observe, demonstrate, and reinforce exemplary teaching practices, 11 workshops, two online hybrid science courses (one course on ecology; the other on geology), and 7 mathematics courses on campus.

### SUMMER INSTITUTE

Math and Science Summer Institute: August 15 - 26, 2005.  
\$500 Stipends available; 50 professional development hours.  
Look for an e-mail announcement of topics and schedule.

CUSP Staff

**PRISM Office:**

Jacalyn Willis, Ph.D., Dir.  
 Anna Mazzaro  
 Helen M. Earles, Ph.D.  
 Colette Killian  
 Rick McCollough  
 Timothy Macht  
 Adam Roth

**OUTREACH TEAM**

**MATHEMATICS**

Nancy Schultz  
 Irving Barocas  
 Barbara Krukar  
 Danielle Nix  
 Karin Rupp  
 Kimlani Tanella  
 Maria Arrabito

**SCIENCE**

Yolanda Maldonado  
 Elinor Semel  
 Anna Mazzaro  
 Jacalyn Willis

**ADOPT-A-PROFESSOR**

Ann Marie DiLorenzo, Ph.D.  
 Reginald Halaby, Ph.D.  
 Evan Maletsky, Ph.D.  
 Mika Munakata, Ph.D.  
 George Pangalos, Ph.D.  
 Gregory Pope, Ph.D.  
 Kenneth Wolff, Ph.D.

**CUSP**

Creative University-School Partnerships  
 PRISM Office  
 Montclair State University - CSAM  
 Bristol-Myers Squibb Center  
 Blanton Hall - Atrium  
 Montclair, NJ 07043

**On the CUSP** is a vehicle for sharing program plans and events. Your contribution to **On the CUSP** is important to us. Share your school's successes! Items received by the 10th of the month will be included in the next month's issue, based upon space availability. Submissions should be identified by the district, school, principal, teacher(s), and date of event.

Send submissions to: [PRISM@mail.montclair.edu](mailto:PRISM@mail.montclair.edu)

**PRISM Partner Districts**

Send a teacher to **HANDS & MINDS TOGETHER CONFERENCE FREE!**

2-Day Registration - For every 3 registrations from one District, the 4th is free. Save \$279

1-Day Registration - For every 4 registrations, the 5th is free.

Save \$149  
 Register today  
[www.tlcpd.com](http://www.tlcpd.com)

**Montclair State University  
 and  
 PRISM**

**(Professional Resources in Science and Mathematics)**

**present:**

**Hands and Minds Together:**

*Leaving No Child Behind in Science and Mathematics*

**May 23 – 25, 2005**

**Student Center and Annex**

**Vendor Presentations Every Day**

*Complimentary light snack and lunch provided Tuesday and Wednesday*

**Monday, May 23, 2:00 PM – 8:00 PM**

**Pre-Conference: What Works! Showcase**

**Free! – With conference registration**

**Tuesday, May 24, 8:00 AM – 4:00 PM**

*Keynote Speaker: Evan Maletsky*

**TEACHING THE BIG IDEAS IN MATHEMATICS**

*Keynote Speakers: Ann Benbow & Colin Mably*

**INQUIRY-BASED SCIENCE CURRICULA**

*Followed by Break-out Sessions & Workshops*

**Wednesday, May 25 8:00 AM – 5:15 PM**

*Keynote Speaker: Kenneth Wolff*

**CHANGING MATHEMATICS CLASSROOM**

*Keynote Speaker: Lawrence Lowery*

**BRAIN-BASED CURRICULUM DESIGN**

*Followed by Break-out Sessions & Workshops*

**Reminder: The next PRISM Partners meeting/workshop is Thursday, June 2, 2005  
 Bristol-Myers Squibb Center, Blanton Hall, Atrium**