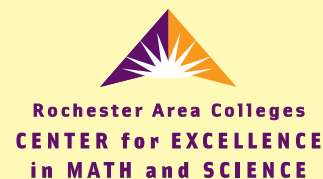


Collaboration 2008



You're invited to a two-day event for K–16 educators committed to achieving excellence in math, science and technology education in cooperation with the Center for Excellence in Math and Science.

During this event you will:

Hear nationally-recognized speaker, Barb Bancroft, RN, MSN, PNP present *The Teenage Brain: an Oxymoron*. Ms. Bancroft is a widely acclaimed national speaker, noted for her humorous, entertaining and information-packed seminars. She is author of the books *Medical Minutiae*, *An Apple a Day: The ABC's of Diet and Disease*, and *Live a Little, Laugh a Lot*.

Share best practices in math and science teaching in elementary, middle school, higher school and undergraduate education. Present an educational poster — learn how at www.RACCEMS.org. *Poster presenters earn up to 17.5 professional development hours.*

Participate in over 25 different activity-based experiential workshops on best practices in science education, mathematics education, technology education, community resources, professional learning communities, and instructional technology.

Learn about innovations in teaching from your peers at the Poster/Exhibit session. Exchange ideas and network with fellow educators. Visit educational exhibits including the Seneca Park Zoo, RIT Traveling Engineering Activity Kits, Rochester Museum and Science Center, the Rochester Academy of Science, vendor booths, and STEM Career Corner.

Celebrate the success of your peers as we announce the winners of the 2007-08 Excellence in STEM Teaching Award, along with the grand prize winner of the Ward's Natural Science \$10,000 Classroom Makeover.

ROCHESTER PLAZA HOTEL
70 STATE STREET • ROCHESTER, NY 14614

WEDNESDAY, OCTOBER 1, 2008
4:00 PM TO 8:30 PM

THURSDAY, OCTOBER 2, 2008
8:00 AM TO 4:00 PM

TWO-DAY EVENT PROGRAM

Don't miss out!

WEDNESDAY, OCTOBER 1

- 3:00 4:00 Registration, refreshments and networking
- 4:00 4:15 Welcome/Opening Remarks
- 4:15 4:45 Update on CEMS Strategy/Activities
- 5:00 6:00 Concurrent Workshops
- 6:00 7:15 Recognition Dinner
- 7:15 8:30 Speaker — Barb Bancroft

THURSDAY, OCTOBER 2

- 7:30 8:00 Registration, continental breakfast and networking
- 8:00 9:30 Concurrent Workshops
- 9:45 10:45 Poster Session A and B
- 11:00 12:30 Concurrent Workshops
- 12:30 1:30 Lunch
- 1:45 3:15 Concurrent Workshops

WORKSHOPS INCLUDE:

Science

- Using the Outdoor Environment to Conduct Inquiry-based Science Education — *Sheila Meyers and Ann Lyons*
- Differentiated Inquiry — *Doug Llewellyn*
- Enviroboxes: Integrating All Subjects Through Science — *Lynn Gatto*
- Moving to Inquiry in Science — *Diane Barrett and Barney Ricca*

Community Resources

- Institutions of Informal and Formal Learning: What We Can Learn from Each Other — *Deborah Massey and Jim Alexander*
- Flying Wild: The National Program and the Rochester City Partnership — *David Semple and June Summers*
- Interdisciplinary STEM Teaching in the High School — *Ed Darling, Mike Dowdle and John Wright*
- Enhancing Your Practice through National Board Certification — *Trudy Bantle*

Mathematics

- Numeracy Across the Curriculum — *Eric Gaze*
- Computer Science Unplugged: Active Learning in Grades 4–8 — *Joan Lucas*
- Moving to Inquiry in Mathematics — *Diane Barrett and Barney Ricca*
- Exploring Geometric Concepts in the Middle/Secondary Classroom — *Mary Bellini and Cynthia Callard*

Technology Education

- A Brief Introduction to Parallel Computing — *Leigh Little*
- Teaching About and With Technology — *Richard Colosi*
- Rochester Jr. Engineering Academy — *Karen Iglesia*
- Tools for Attracting Students to Computer Science — *Daniel Rogers*

Instructional Technology

- Thinkfinity I and II — *Candy Bowers and Karen Finter*
- Tech Savvy: 21st Century Tools for Teachers — *Beverly Brown and Robyn Heyden*
- Two Million Minutes, Video and Discussion — *Doug Llewellyn*

Collaboration, Leadership and Change

- CEMS Strategy Discussion — *Charlie Brown*
- Rochester STEM Teaching Institutes — *Sara Silverstone*
- Inquiry: When do I find the time? — *Donna Olsen*
- Using Creative Problem-Solving to Increase Group Outcomes — *Sandra Fink*
- Introduction to Professional Learning Communities — *Christine Richter*

REGISTER ONLINE AT WWW.RACCEMS.ORG