

April Deadline Approaching...Rochester Area Excellence in STEM Teaching Award!

Nominations will be accepted until **April 19, 2010** for the next **Rochester Area Excellence in STEM Teaching Award!**

The purpose of the award is to recognize effective, engaging, and innovative Science, Technology, Engineering, and Mathematics (STEM) teaching in grades K-12. The nominee(s) must be an appropriately credentialed teacher who works directly with children in grades kindergarten through twelve in a State-approved public or private school in any one of the following counties: Monroe, Allegany, Genesee, Livingston, Ontario, Orleans, Seneca, Wayne, Wyoming.

Nominations of excellent teachers are invited from all members of the educational community including parents, students, business leaders, school staff, administrators, and teachers.

The grand prize winner will receive a \$10,000 classroom upgrade courtesy of Wards Natural Science.

[Electronic nomination form](#) (to fill out electronically and email)

[Printable nomination form](#) (to print, fill out by hand, and mail)

Finger Lakes Regional Educator Collaboration Event: Climate Change and its Impact on the Environment



Climate Change and its Impact of the Environment will take place in Comstock Hall on the Hobart and William Smith Colleges campus on Thursday, March 25, 2010.

This regional collaboration event will provide teachers with background knowledge of climate change impacts as well as the opportunity to investigate lesson plan ideas through concurrent sessions in biology and earth sciences.

In the keynote address, **Life on the Ice: Antarctica's Adélie Penguins**, Chris Linder will tell the story of life in a penguin colony, the tools researchers use to enhance learning and how it relates to climate change.

The cost for the event is \$35 and includes a presentation by the Alliance for Climate Education, a panel discussion with students and educators and lunch. Please go to www.raccems.org to register and to find more information.

Southern Tier Regional Collaboration Event: Numeracy Across the Curriculum

The Southern Tier Regional Educator Collaboration Event: **Numeracy Across the Curriculum** will take place on Monday, March 8, 2010 from 8:30 am-3:30 pm at the Powell Campus Center in the Knight Club on the Alfred University campus.

The keynote speaker for this event is Dr. Eric Gaze. Dr. Gaze is the Director of the Quantitative Reasoning program at Bowdoin College. In this talk Dr. Gaze will discuss the innovative Master of Science Program in Numeracy at Alfred University, the first of its kind in the country. The goal of this program is to provide teachers from all disciplines (not just math and science) and at all levels, K-16, with the skills and confidence to handle quantitative information in their classrooms. If numeracy is a basic literacy,

then it is every teacher's responsibility to improve our student's reading and writing, with numbers as well as words! Registrants will be able to choose the area of major interest and work with regional educators in their area of best practices in teaching "math in context" in elementary, middle school, high school and connecting content areas.

Join us for this unique collaboration event co-sponsored by Alfred University and RAC-CEMS. The cost for the event is \$35 and includes lunch.

Please go to www.raccems.org to register and to find more information on the Monday, March 8, 2010 Southern Tier Regional Educator Collaboration Event.

The 2010 Rochester STEM Teaching Institutes!

Hands-on Environmental Science Activities using GLOBE
 Alfred University Aug. 25-26

Inquiry in Earth Sciences-Intermediate and Elementary Curriculum-RMSC TBD

Tale of Two Lakes: Scientific Inquiry into Keuka and Seneca Lakes Hobart and William Smith Colleges Aug. 2-5

Inquiry-Based Chemistry Institute-St. John Fisher College
 St. John Fisher College Aug. 9-13

Inquiry-based Interdisciplinary Mathematics, Science, Technology and Literacy (MSTL) for Grades K-6-Nazareth College, Aug. 8-11

Developing Mathematical Ideas: Making Meaning of Operations-Warner School of Education/University of Rochester TBD

Registration and details will be available soon.

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VISIT OUR WEBSITE:
WWW.RACCEMS.ORG

STEM BLOG:
RACCEMS.WORDPRESS.COM

Upcoming Events

Feb. 5-May 4	Be the Dinosaur: Life in the Cretaceous RMSC
March 8	RAC-CEMS Regional Collaboration Event, Alfred University
March 17	RMSC Cool Lecture Series: Black Holes, Dark Matter, and Dark Energy
March 19-20	AMTRA and T ³ Regional Conference
March 25	RAC-CEMS Regional Collaboration Event, HWS
April 12	RMSC Free Teacher Open House
April 14	RMSC Cool Lecture Series: Education, Inspiration, Research and Play
May 3-9	National Lab Day