

## 2010-11 Rochester Area Excellence in STEM Teaching Award Open for Nominations

The Center is pleased to announce the third Rochester Area Excellence in STEM Teaching Award, sponsored by Wards and Science is pleased to announce the receipt of three small grants to initiate our student-focused strategy.

The purpose of the award is to recognize effective, engaging, and innovative Science, Technology, Engineering, and Mathematics (STEM) teaching in grades K-12. Individuals or teams of current classroom teachers can be nominated. Finalists will receive a \$2000 travel scholarship to the STEM education conference of their choice and the grand prize winner will also receive a \$10,000 classroom makeover. All finalists will share their innovative learning activities with their peers in the region. For more information or to nominate a teacher or team [click here](#).

## Seeking Proposals to Present STEM Teaching Institutes

This summer the Center will be sponsoring, for the third time, a series of no-cost, high quality STEM Teaching Institutes. Previous Institutes have been presented by faculty of the University or Rochester Warner School, Rochester Institute of Technology, Nazareth College, Hobart and William Smith Colleges, St. John Fisher College, Alfred University, Keuka College and the Rochester Museum and Science Center. Any qualified educational organization in the Center's 11 county service area is eligible to submit a proposal. The deadline for proposals is Wednesday, January 13, 2010.

Institutes are selected in a competitive peer-review process. Proposals must indicate how the Institute meets the Center's quality guidelines and priorities. Directors of accepted proposals will form a Professional Learning Community to improve their own practice through observation, critical analysis and literature review throughout the academic year. [Click for more information or to apply.](#)



## Spring 2010 Regional Educator Collaboration Events

The Center is sponsoring two Regional Collaboration Events in March. The Finger Lakes Regional Collaboration Event: *Climate Change and the Impact on the Environment* will take place at Hobart and William Smith Colleges on Thursday, March 25, 2010. The keynote address will highlight Dr. Chris Linder, Research Associate for the Physical Oceanography Department of

the Woods Hole Oceanographic Institution. The Southern Tier Regional Educator Collaboration Event: *Quantitative Literacy... Numeracy Across the Curriculum*, scheduled for Monday, March 8, 2010 at Alfred University, home of the innovative M.S. in Numeracy. Watch for more information and registration for both Regional Events at [www.raccems.org](http://www.raccems.org).

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[WWW.RACCEMS.ORG](http://WWW.RACCEMS.ORG)

STEM BLOG:  
[RACCEMS.WORDPRESS.COM](http://RACCEMS.WORDPRESS.COM)

## RAC-CEMS Receives 3 Grants for Student-focused Programs

The Rochester Area Colleges' camp experience for Rochester area Youth.

In September of 2009, the Center received a grant for \$5,000 from the J.M. McDonald Foundation in support of the Quality STEM Summer Camps project. This research study of 15 science-oriented summer camps in west-central New York includes providing scholarships for 35 economically disadvantaged youth in grades 6-8. The goal of the project is to contribute to a better understanding of what constitutes a high-quality summer camp in order to improve the quality and value of the science

The Center has received two grants for the new STEM Mentor Program, which is a partnership with Big Brother Big Sister of Rochester. In August the Center received a \$1000 grant from Alstom Signaling Foundation and has recently been notified that we have been awarded a \$35,000 renewable grant from the Heineman Foundation for Research, Education, Charitable and Scientific Purposes. The STEM Mentor program matches adults with a passion for Science, Technology, Engineering and /or Mathematics (STEM) with economically disadvantaged youth in order to foster interest and ability in STEM subjects.

### Upcoming Events

<b>Dec. 5</b>	Finger Lakes Research Conference, HWS
<b>Jan. 14</b>	Due Date for STEM Teaching Institute Proposals, RAC-CEMS
<b>Jan. 18</b>	Last day of titanic Exhibit, RMSC
<b>Jan. 31</b>	1st round, 2010 Excellence in STEM Teaching Nominations, RAC-CEMS
<b>Feb. 8</b>	Teachers Open House, RMSC
<b>March 25</b>	RAC-CEMS Regional Collaboration Event, HWS
<b>March 8</b>	RAC-CEMS Regional Collaboration Event, Alfred University
<b>Every Saturday</b>	Free telescope viewing at the RMSC