

**Integrating Science and Mathematics Education Research into Teaching  
National Conference  
University of Maine, Orono, Maine  
Sunday, June 20 - Wednesday, June 23, 2010**

Hosted by the University of Maine Center for Science and Mathematics Education Research and the Jackson Laboratory, with support from the Howard Hughes Medical Institute, Maine EPSCoR at the University of Maine through National Science Foundation award #0904155, the Provost's Office at the University of Maine, the University of Maine Colleges of Education and Human Development, Engineering, Liberal Arts and Sciences, Natural Sciences, Forestry, and Agriculture, and the School of Biology and Ecology, the Department of Chemistry, and the Department of Physics and Astronomy.

**Keynote speakers:**

**Joan Ferrini-Mundy, Ph.D., Director, Division of Research on Learning in Formal and Informal Settings  
National Science Foundation, Arlington, Virginia**

**Kathleen Roth, Ph.D., Director, Center for Professional Development  
Biological Sciences Curriculum Study, Colorado Springs, Colorado**

The Center for Science and Mathematics Education Research (Center) will host its fifth biennial conference on integrating science and mathematics education research into teaching, Sunday evening, June 20<sup>th</sup> through lunch on Wednesday, June 23<sup>rd</sup>.

The conference program will consist of keynote addresses, contributed and invited talks, workshops, panels and roundtables, a poster session, and evening programs, with ample time for discussion and participant interaction.

The following themes will be the foci of the conference:

1. Recent findings from science, technology, engineering and mathematics (STEM) education research.
2. Using discipline-based education research in middle, secondary, and post-secondary STEM classrooms.
3. Research supported strategies to increase participation and learning in STEM, particularly among students from under-represented groups.
4. Strategies for improving student learning using technology in STEM teaching.
5. Building effective partnerships to implement research-guided practices in the classroom.
6. Research-supported strategies for STEM teacher preparation and professional development.

Conference registration information

- Registration Fee: \$200
- Registration fee waiver for in-service teachers, curriculum coordinators, University of Maine System (UMS) faculty and staff, UMS undergraduate or graduate students in STEM or STEM education programs, postdoctoral research associates and conference invited speakers.
- Stipends of \$250 and on-campus meals provided to the first 40 in-service teachers who register and participate in the full conference (Sunday-Wednesday lunch). Complimentary housing also provided for teachers in this group living more than 30 miles from campus.
- Five travel awards of up to \$500 for documented expenses available to doctoral students or postdoctoral research associates working in discipline-based education research or the implementation of research-supported pedagogy, curricula, and classroom practices, who give a poster presentation of their research and participate in the full conference (Sunday-Wednesday lunch).
- We encourage participants to submit an abstract for a poster for Monday evening's session. As scheduling permits, some authors will be contacted about the possibility of presenting their work as a contributed talk.

Registration deadline: April 15, 2010. Send completed registration form to: Leisa Preble, Department of Physics and Astronomy, 120 Bennett Hall, University of Maine, Orono, Maine 04469-5709 (207) 581-1016, leisa.preble@umit.maine.edu

The Center's mission is to advance the research and practice of teaching and learning in science, technology, engineering, and mathematics. To learn more about the Center and for more conference information, please visit our website:  
<http://www.umaine.edu/center/>

Questions: Amie Gellen, Assistant Director (207) 581-1021, amie.gellen@umit.maine.edu