

# Education Program Awards

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The SC Education Program is pleased to announce its continuing sponsorship of the following awards for excellence in computational science: the Dr. Mary Ellen Verona Computational Science Teacher Leader Award, the Dr. Robert M. Panoff Student Award for Explorations in Science Through Computation, and the Undergraduate Computational Engineering and Sciences Award.



Each of these three awards consists of an invitation and funding to attend the Education Program at the SC09 Conference in Portland, OR, as well as a cash prize and an award certificate. In addition, the Panoff awardees are offered summer student internships to work with Dr. Panoff, his colleagues, and other student interns at Shodor's facilities in Durham, North Carolina. The application process will begin in spring of 2009 and conclude in late summer.

The **Dr. Mary Ellen Verona Computational Science Teacher Leader Award** is open to K-12 teachers who demonstrate computational science leadership and education, either in a formal classroom setting or in an after school program, through their use of computer-based models, simulations, and visualizations. Past winners have also shown a commitment to mentoring others in the use of computational science. Submission evaluation will be based on: the educational impact on the students, leadership in helping others use computational tools and methods with students, and the quality of submitted materials.

The **Dr. Robert M. Panoff Student Award for Explorations in Science Through Computation** is open to high school, undergraduate, and graduate students exploring science made possible through computation. This program is intended to encourage science exploration at all academic levels and to recognize students that have woven insight and discovery together through the use of computation modeling, simulation, and/or data analysis. Submission evaluation will be based on: scientific insight, use of technology, innovation, quality of submitted materials, and the extent to which the insight and technology enabled scientific discovery which would not otherwise have been possible.

The **Undergraduate Computational Engineering and Sciences Award** is hosted by the Krell Institute and made possible in part through funding by the DOE and private contributions, and open to undergraduate faculty who have developed computational science curricula. The program encourages further development of innovative educational resources and programs, recognizes the achievements of computational science educators, and disseminates educational material and ideas to the broad scientific and engineering undergraduate community. Submission evaluation will be based on: focus on computational engineering and science, innovation, educational impact, breadth of appeal, and quality of the submitted material.

