

# STOCKTON COLLEGE

THE RICHARD STOCKTON COLLEGE OF NEW JERSEY



## National Computational Science Institute to Host Workshop at Stockton College June 19-25

Sessions to Prepare Educators to Teach Next Generation of Scientists

### ***For Immediate Release***

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**Contact: Tim Kelly**  
**Office of Public Relations**  
**Galloway Township, NJ 08240**  
**Tim.Kelly@stockton.edu**  
**(609) 652-4950**

**Galloway Township, NJ-** Science and math educators from as nearby as The Richard Stockton College of New Jersey and Rowan University to as far away as California and Puerto Rico will converge on Stockton's campus for a weeklong workshop June 19–25.

The National Computational Science Institute (NCSI) and Stockton's School of Natural Sciences and Mathematics are co-hosting "Data-Driven Computational Science: Modeling and Visualization," a summer workshop for high school teachers, college professors and graduate students who teach or plan to teach computational science.

Computational science is a new and fast growing hybrid science that blends math and computer science skills to help researchers solve problems in varied fields such as biology, communications, physics and chemistry.

Dr. Russell Manson, associate professor of computational science at Stockton, said, "Participants can take what they learn at the workshop back to their classrooms to extend the reach of computational science to students across the nation."

The main mission of the workshop is to help educators utilize resources that will enable them to teach computational science with a hands-on approach. The skills that will be covered can also be applied to research endeavors.

More than 30 people have applied to attend the workshop, which will be led by Dr. Manson and his Stockton colleagues Dr. Monir Sharobeam, professor of computational science, and Dr. Robert Olsen, assistant professor of computational science, as well as Dr. Dave Joiner of Kean University. For information on attending the workshop, please contact Dr. Russell Manson at 609-652-4354.

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In November, Stockton's computational science program was awarded the 2010 Computational Engineering and Sciences Award during Supercomputing '10, an international conference. The award is administered annually by the Krell Institute and funded by the United States Department of Energy.

Stockton offers both an undergraduate and graduate degree program in computational science as well as an accelerated dual-degree program that allows students to earn a master's degree in five years.

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**Note to Editors: News coverage of the workshop is welcomed. A detailed schedule with times and locations will be provided upon request.**