



ENDOWED CHAIR IN DATA ANALYSIS, SIMULATION, IMAGING, AND  
VISUALIZATION  
UNIVERSITY OF SOUTH CAROLINA  
COLUMBIA, SOUTH CAROLINA

The University of South Carolina invites inquiries, nominations and applications for an **Endowed Center of Economic Excellence (CoEE) Chair in Data Analysis, Simulation, Imaging, and Visualization (CDASIV)** in conjunction with the **Williams-Hedberg-Hedberg Endowed Chair of Mathematics**. The Center is co-sponsored with \$2 million from the South Carolina Centers of Economic Excellence Program established by South Carolina General Assembly in 2002 (<http://www.sccoee.org>) for a total endowment of \$4 million. The primary appointment of the Chair will be within the Department of Mathematics, College of Arts and Sciences.

The successful candidate should have a Ph.D. in Mathematics or a related area. The candidate's research specialization should be in areas of applied or computational analysis consistent with the Center's major thrusts. The Chair should have international stature with an exceptional record of published research in high-quality mathematical journals, a demonstrated ability to attract significant funding from multiple sources, an established record of teaching, a history of successful graduate student supervision, and the ability to effectively lead team efforts in multidisciplinary projects. The successful candidate is also expected to serve as a mentor to junior faculty and students.

The CDASIV Chair will guide the research activities of the Center and will establish close ties with other South Carolina CoEEs that rely on analysis, imaging, and/or computational simulation or visualization of very large scale data. A particularly close relationship is expected to be cultivated between the CDASIV and the Interdisciplinary Mathematics Institute (<http://imi.cas.sc.edu/IMI>) so these two centers leverage their energies on activities of mutual interest. In addition to running a successful research team, the successful candidate will assist in hiring and mentoring fellows and junior faculty in the Center's area. The University will provide space and infrastructure for the new endowed chair and his/her team, and will work to acquire the resources needed to establish this new Center at a nationally competitive level.

The University of South Carolina, founded in 1801, is one of three public research universities in South Carolina and spans an eight-campus, fully accredited state-supported system with approximately 40,000 students. Strong USC undergraduate and graduate programs and professional schools include Arts and Sciences, Medicine, Engineering, Business, Law, Education, Social Work, Pharmacy, Public Health, Mass Communications and Information Studies and Nursing.

Applicants are encouraged to submit a letter describing their interests and credentials, curriculum vitae, a list of publications, a statement of research interests and accomplishments and three letters of reference.

Applications should be sent electronically to Professor Pencho Petrushev (Chair of the Search Committee) at [coee@math.sc.edu](mailto:coee@math.sc.edu), or mailed to:

Professor Pencho Petrushev  
Chair of the Search Committee  
Department of Mathematics  
University of South Carolina  
Columbia, SC 29208

**The application deadline has been extended until January 8, 2012. Applications will be evaluated as they are received, but must be received by the deadline for full consideration by the Search Committee.**

The University of South Carolina is an affirmative action/equal opportunity employer. Minorities and women are especially encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.