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LSU Professor Susanne Brenner is World Renowned Computational Mathematician

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Susanne Brenner has recently been elected as a Fellow of the American Association for the Advancement of Science (AAAS). This honor is bestowed on her for "advancement in finite element, multi-grid, and domain decomposition methods, and for service to the computational and applied mathematics community."

The American Mathematical Society (AMS) has also recently named Brenner as a member of the 2012 inaugural class of Fellows. Members were named thus for their outstanding contributions to the creation, exposition, advancement, communication,and utilization of mathematics.

Brenner is the Michael F. and Roberta Nesbit McDonald Professor at Louisiana State University, holding appointments with both the Department of Mathematics and the Center for Computation & Technology (CCT). At the CCT, she also serves as the associate director of academic affairs.

In 2010, she was named Fellow of the Society of Industrial and Applied Mathematics (SIAM). In 2011 she was awarded the AWM-SIAM Sonia Kovalevsky Lecture, a prize awarded by the Association for Women in Mathematics and the Society for Industrial and Applied Mathematics.   She is also a recipient of a 2005 Humboldt Award for Senior U.S. Scientists from the Alexander von Humboldt Foundation in Bonn, Germany.

Currently, Brenner serves as managing editor of the journal *Mathematics of Computation.* She also serves on the editorial boards of the *Notices of the American Mathematical Society, SIAM Journal on Numerical Analysis, Numerische Mathematik, Numerical Algorithms, Electronic Transactions on Numerical Analysis, and the SIAM Classics in Applied Mathematics*. She serves on the SIAM Book Committee, the Scientific Council of the Center International de Mathematiques Pures et Appliquees (since 2009), the National Advisory Committee of the Statistical and Applied Mathematical Sciences Institute (SAMSI) (since 2010) and the AMS Council (since 2012). She is a past SIAM Vice President for Publications and served on the SIAM Council.

In addition, Brenner has received numerous accolades throughout the year, with a sampling listed below:

• she was invited to be one of the plenary speakers at the 36th Annual SIAM Southeastern Atlantic Section Conference, March 24 - 25, 2012 at the University of Alabama in Huntsville;

• she has accepted an invitation to be one of the plenary speakers at the Fourth Chilean Workshop on Numerical Analysis of Partial Differential Equations, 14-18 January 2013, in Concepcion, Chile;

• she's accepted an invitation to present the Babuska Lecture at MAFELAP 2013, (The Mathematics of Finite Elements and Applications 2013), 11-14 June 2013, at Brunel University, London;

• she was one of the plenary speakers at the International Conference on Computational Sciences, which was held July 16-20, 2012, at the Shanghai Normal University in Shanghai, China;

• she's been selected to be a Distinguished Visiting Professor at the Indian Institute of Technology, Bombay, India.

Brenner's research interests include numerical analysis, finite element methods, multi-grid methods and domain decomposition methods. For more information on Susanne Brenner or the world-renowned faculty at the LSU Center for Computation & Technology, visit: http://www.cct.lsu.edu/.

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