

## **Martin Golubitsky**

Martin Golubitsky works in the field of nonlinear dynamics studying the role of symmetry in the formation of patterns in physical systems. He has co-authored four graduate texts, one undergraduate text, two nontechnical trade books, and approximately 100 research papers.

Golubitsky is Cullen Distinguished Professor of Mathematics at the University of Houston, a Fellow of the American Academy of Arts and Sciences and the American Association for the Advancement of Science, a recipient of the University's Sigma Xi Faculty Research Award and the Esther Farfel Award, and winner of the 2001 Ferran Sunyer i Balaguer Prize for "The Symmetry Perspective". He has been elected to the Councils of SIAM, AAAS, and AMS, and is currently President of SIAM.

As for expectations: I would like to explore whether there are ways that SIAM can help on issues that are important to women.

## **Rachel Kuske:**

I'm a professor in the Math dept. at UBC. My research interests are in applied stochastic dynamics, pattern dynamics, and math biology and finance. I was previously on the faculty of U of Minnesota and Tufts, and was a postdoc at Stanford and University of Utrecht. I've been involved with a number of women in math/science programs at AWM, SIAM, IMA, AIM, PIMS, BIRS, CMS, and UBC.

At the meeting I hope we can come up with some concrete, practical strategies for supporting diversity in science. In the follow-up I hope we can effectively communicate those strategies to the math community.

## **Cathy Kessel**

I wrote my thesis in logic (model theory) and taught for three years as a full-time faculty member in a math department after my PhD. As I shifted from mathematics to mathematics education, I started teaching part-time, auditing courses, and working on research projects at the School of Education at the University of California. I now work as a consultant in mathematics education.

Expectations from workshop:

Writing group documents is difficult. I would expect issues to be identified, but writing about them and documenting them may extend past the workshop.

## **Douglas Arnold**

I have a bio sketch at [www.ima.umn.edu/~arnold/biosketch.html](http://www.ima.umn.edu/~arnold/biosketch.html). I am attending the workshop because Rachel Kuske wrote me that the involvement of the IMA would be important for the meeting, as one of the major goals is planning for programs which support diversity, with an emphasis on institute involvement. It is my hope to go away with new ideas on how the IMA can help support the careers of women in mathematics and address the issues of under-representation at many stages of the mathematical career, and with new contacts with people we can work with toward these ends.