

## Announcements

The Consortium for ODEs will sponsor two workshops in 1994 (and another in 1995) with NSF support. These workshops are for college and university faculty who teach ODEs. Participants in the workshops share their experiences in teaching ODEs, examine and use software packages, and work together to design and produce course materials (student projects, demonstrations, computer experiments, etc.). The NSF provides participants with a stipend and room and board.

### **West Valley College: June 7-11, 1994**

For information about applications, please contact Professor Wade Ellis at the Mathematics Department, West Valley College, Saratoga, CA 95070, wellis@applelink.apple.com

### **Rensselaer Polytechnic Institute: June 14-18, 1994**

For application information, contact Professor William Boyce, Department of Mathematical Sciences, RPI, Troy, NY 12180, boycew@rpi.edu

### **Stetson University: 1995, Date to be determined**

Professor Margie Hale, Stetson University, Deland, FL 32720, mhale@suvax1.stetson.edu

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### **Seattle Central Community College Workshop**

Seattle Central Community College and the MAA are sponsoring a free, two-day workshop on using computer experiments in teaching elementary differential equations. The workshop will be held **February 25-26, 1994** at SCCC in Seattle, Washington. The presenter is Robert Borrelli of Harvey Mudd College. Contact the organizer, Mike Pepe, at (206) 587 - 4073 or email mpepe@u.washington.edu by February 11 if interested.

## Editor's Remarks

Participants in the summer 1993 workshops at St. Olaf College and Washington State University wrote some marvelous computer experiments for use in differential equations courses. Since C•ODE•E only has space for four articles in this issue, we have chosen two from each workshop. The 'falling mathematician' and the Solow Model problems are both first order problems, and either experiment could easily be completed by students in the first half of an introductory course. The Interacting Species problem and the 'stick balancing' problem would both work well as capstone projects near the end of the semester. All four experiments involve models that come from the realms of natural science and humanities. Your students will need to use the computer to obtain solutions and to plot orbits and solutions. Modeling, computing, and differential equations — the three themes of the Consortium and of C•ODE•E — are neatly represented by the four experiments. We will continue to publish articles on these topics, and invite you to send us your work for possible inclusion in future issues! We also invite you to send us any graphics which you think could be used for cover art.