

Geophysical Fluid Dynamics Fellowships
at the
Woods Hole Oceanographic Institution

2003 Program of Study in
Geophysical Fluid Dynamics

June 16 to August 22, 2003



Since 1959 the GFD program has promoted an exchange of ideas among researchers in the many distinct fields that share a common interest in the nonlinear dynamics of fluid flows. These fields include classical fluid dynamics, physics, applied mathematics, oceanography, astrophysics, atmospheric science, geophysics and hydromagnetics. Each year, the program is organized around a ten-week course of study and research for a small group of competitively selected graduate-student fellows. The overall philosophy is to bring together researchers from a variety of backgrounds, to provide a vigorous discussion of concepts that span different disciplines, and an intense research experience. For the student fellows, the centerpiece of the program is a research project that each fellow pursues under the supervision of the staff.

At the end of the program, the fellow presents a lecture and a written report for a proceedings volume. Over its 44-year history, the GFD Program has produced numerous alumni, many of whom are prominent scientists at universities throughout the world. The interdisciplinary atmosphere of the Program is the ideal place for young scientists to learn the habits of broad inquiry, of speaking to others with very different backgrounds and viewpoints, and of seeking answers in unfamiliar places.

The Program commences with two weeks of Principal Lectures on a particular theme. In 2003, this theme will be "Non-Newtonian GFD", and the lectures will be given by John Hinch (University of Cambridge). After the Principal Lectures, the Program continues with an intense schedule of seminars and discussions on both the topic of the summer and GFD in general.

Up to ten competitive fellowships are available for graduate students. Successful applicants will receive stipends of \$4,400 and an allowance for travel expenses within the United States. A small number of unpaid fellowships are also available for strongly qualified students who can support themselves financially during the Program. Fellows are expected to be in residence for the full ten weeks of the program. The application deadline is February 15, 2003. Awards will be announced by April 1, 2003. We particularly encourage applications from women and members of underrepresented groups. Further information and application forms may be obtained from the GFD website at: <http://www.whoi.edu/education/gfd/>, or by writing directly to:

The GFD Fellowship Committee
Education Office, Clark Laboratory, MS #31
Woods Hole Oceanographic Institution
360 Woods Hole Road
Woods Hole, MA 02543-1541

Telephone: (508) 289-2950
Fax: (508) 457-2188
E-mail: gfd@whoi.edu
Internet: <http://www.whoi.edu/education>

Prospective senior visitors, please e-mail Neil Balmforth at: njb@ams.ucsc.edu

The Woods Hole Oceanographic Institution is an Equal Employment Opportunity/Affirmative Action Organization

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