



## *Grants for Small Workshops*

### **Information for Application Fall 2004**

The ADVANCE Program of the Earth Institute at Columbia University will make four to eight awards each year for small scientific workshops. This competitive program will enable junior and mid-career women scientists to exert scientific leadership by convening interdisciplinary research workshops in collaboration with senior scientists in the Earth Institute or elsewhere. The purposes of the workshops are to provide the organizers with an opportunity to advance new areas of scientific research, to be recognized as scientific leaders, to promote interaction with influential colleagues, and to gain experience in organization and chairing a workshop with the help of a senior partner.

**What is ADVANCE?** Funded by a five-year, \$4.2 million National Science Foundation (NSF) award, the Columbia University ADVANCE Program at the Earth Institute (EI) is targeted at increasing the participation and advancement of women scientists and engineers in the academy through institutional transformation. The five goals of the EI ADVANCE Program are to (1) change the gender demographics of EI scientists and engineers through intelligent hiring practices, (2) provide support to women scientists through difficult life transitions, including elder care and adoption or birth of a child, (3) enhance mentoring and networking opportunities, (4) implement transparent promotion procedures and policies, and (5) conduct an institutional self-study. Earth Institute ADVANCE programs include (a) a comprehensive survey of university faculty (b) a senior faculty working group that enhances recruitment and retention by providing support for searches and faculty development, (c) internal and external funding competitions designed to recruit and retain women scientists and engineers, and (d) focused workshops and conferences.

**Who is eligible to apply for a Small Workshop Grant?** Women scientists in the Earth Institute and at City College of New York (CCNY) are eligible to apply for a Small Workshop Grant. Applicants must have been awarded the Ph.D. and be employed in one of these two institutions. Junior women scientists and those in their career building years are particularly encouraged to apply. All applications are expected to include a senior scientist as co-organizer. The co-organizer is expected to work closely with and mentor the scientist who is awarded the Small Workshop Grant throughout the process of organizing and conducting the workshop. He or she may be affiliated with the Earth Institute or with some other scientific institute or university in the United States. It is

expected, however, that the workshop will be held at Columbia University. Minority women at the EI and CCNY scientists are especially encouraged to apply for a Small Workshop Grant.

**What does the Small Workshop Grant entail?** This grant will provide between \$5,000 and \$10,000 in direct costs for speakers and participant support costs. The grant will not cover salary or released time for the PI or the co-organizer. Workshop organizational costs will be covered by the ADVANCE administration. The concept for the workshop must be scientifically innovative, and it must be led by a woman scientist. It must engage other scientists at more than one Earth Institute center or department as well as five to ten outside experts. The co-organizers must commit to writing up the results of the workshop for circulation by the Earth Institute's ADVANCE Program and on its website.

**Application Procedure.** Each applicant for a Small Workshop Grant must submit a three-page proposal describing the research topic or theme for the workshop and discuss the benefits of hosting a workshop at this particular time. A budget and a tentative agenda should be submitted with a list of candidate speakers and discussants. There must also be a letter of commitment from the senior co-organizer. Applications will be accepted twice a year. The first due date for the submission of applications is January 18, 2005. Applications may be submitted by mail or e-mail, but they must be postmarked or dated by 5:00 pm on January 18. The second submission date is July 15, 2005, and applications must be postmarked or dated by 5:00 pm on July 15.

**Selection Criteria.** All proposals will be reviewed by scientists in the Earth Institute with knowledge of the field. Final decisions as to which proposals will be funded will be made by the ADVANCE Executive Committee. Winners of Small Workshop Grants will be notified of the decision within six weeks.

Research units in the Earth Institute ([www.earth.columbia.edu](http://www.earth.columbia.edu)) include:

Lamont-Doherty Earth Observatory (LDEO)  
[www.ldeo.columbia.edu](http://www.ldeo.columbia.edu)

Center for International Earth Science  
Information Network (CIESIN)  
[www.ciesin.columbia.edu](http://www.ciesin.columbia.edu)

International Research Institute (IRI) for Climate  
Prediction  
[iri.columbia.edu](http://iri.columbia.edu)

Center for Rivers and Estuaries  
[www.ldeo.columbia.edu/res/pi/Hudson/](http://www.ldeo.columbia.edu/res/pi/Hudson/)

Center for Nonlinear Earth Systems (CNES)  
[www.ldeo.columbia.edu/~einat/CNES/CNES\\_home.html](http://www.ldeo.columbia.edu/~einat/CNES/CNES_home.html)

The Black Rock Forest  
[www.blackrockforest.org](http://www.blackrockforest.org)

Center for Environmental Research and  
Conservation (CERC)  
[www.cerc.columbia.edu](http://www.cerc.columbia.edu)

Columbia University/UNESCO Joint Program  
on Biosphere and Society (CUBES)  
[www.earthinstitute.columbia.edu/cubes/](http://www.earthinstitute.columbia.edu/cubes/)

The Earth Engineering Center  
[www.seas.columbia.edu/earth/index.html](http://www.seas.columbia.edu/earth/index.html)

Center for Global Health and Economic  
Development  
[www.cghed.columbia.edu](http://www.cghed.columbia.edu)

Center for Globalization and Sustainable  
Development (CGSD)  
[www.earthinstitute.columbia.edu/cgsd](http://www.earthinstitute.columbia.edu/cgsd)

Center for Economy, Environment & Society  
(CEES)  
[www.earth.columbia.edu/about/aboutcees.html](http://www.earth.columbia.edu/about/aboutcees.html)

Program on Science, Technology, and Global  
Development;  
[www.earth.columbia.edu/cgsd/res\\_byinstitution/pstgd.html](http://www.earth.columbia.edu/cgsd/res_byinstitution/pstgd.html)

Center for the Study of Science and Religion  
(CSSR)  
[www.columbia.edu/cu/cssr/](http://www.columbia.edu/cu/cssr/)

Laboratory of Populations  
[www.rockefeller.edu/labheads/cohenje/cohenpro.htm](http://www.rockefeller.edu/labheads/cohenje/cohenpro.htm)

Center on Capitalism and Society  
[www.earth.columbia.edu/ccs/](http://www.earth.columbia.edu/ccs/)

NASA-Goddard Institute for Space Studies  
[www.giss.nasa.gov/](http://www.giss.nasa.gov/)

Tropical Agriculture Research Program  
[www.earthinstitute.columbia.edu/tropag/](http://www.earthinstitute.columbia.edu/tropag/)

The Center for Hazards and Risk Research  
(CHRR)  
[www.ldeo.columbia.edu/chrr](http://www.ldeo.columbia.edu/chrr)

Participating departments of Columbia University include Ecology, Evolution and Environmental Biology (E3B, Arts and Sciences); Earth and Environmental Engineering (DEEE, Fu Foundation School of Engineering and Applied Sciences); Department of Environmental Health (Mailman School of Public Health); Department of Earth and Environmental Sciences (DEES, Arts and Sciences); Department of International and Public Affairs (Arts and Sciences); Barnard College Department of Environmental Science.

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For further information, contact the ADVANCE Program Office.

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