

**Folio of Information
for New England Space Scientists
in Education (*FINESSE*)**

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CALL FOR PARTICIPANTS AND CONTRIBUTORS:

A workshop on ***Education and Public Outreach (EPO) Programs by NASA Research Grant Awardees*** will be held noon-4pm, Saturday, January 6, as part of the AAPT/AAS meeting in Seattle, WA. This workshop is intended to highlight and serve those NASA research grant awardees who have carried out programs in education and public outreach (EPO). It is also intended to provide introductory information for space scientists who have yet to get involved in EPO but are interested in doing so. The workshop will include oral presentations on NASA's Science Mission Directorate EPO programs, current EPO grant opportunities, and ways to navigate the proposal process. It will also include **contributed oral and poster presentations** by NASA research grant awardees which describe their EPO programs.

This 4-hour workshop begins with LUNCH ☺ and so requires **pre-registration before December 29, 2006.**

Please pre-register with Cherilynn Morrow and Bill Waller by sending your name, affiliation, phone number, and email address to cmorrow@seti.org, and wwaller@mos.org. Please type "AAS EPO Workshop" in the SUBJECT line. **Please also let us know whether or not you wish to give an oral or poster presentation.**

OTHER UPCOMING WORKSHOPS:

The NASA Center for Astronomy Education (CAE) Announces 2007 College Astronomy Teaching Excellence Workshops. These workshops are designed for teachers of introductory astronomy at the 11-14 grade levels. More information is available at <http://astronomy101.jpl.nasa.gov/workshops/>.

NESSIE supports regional workshops for New England space scientists and educators. These workshops provide important opportunities for scientists to become acquainted with research findings in science education, proven pedagogical methods, and recommended educational resources in space science education. They also provide opportunities for scientists to partner with local educators from the K-12, after-school, museum, and NASA communities. If you would like information on upcoming workshops, please contact Cathy Clemens at cclemens@mos.org.

EMPLOYMENT AND FELLOWSHIP OPPORTUNITIES: Some of these may have been filled, so please check before applying.

1. **The National Science Foundation (NSF)** has two fellowship opportunities for scientists and science students interested in education. Information on these and other opportunities can be found at http://www.nsf.gov/funding/pgm_list.jsp?sort=date. The “NSF Astronomy and Astronomy and Astrophysics Postdoctoral Fellowships” provide support for postdoctoral astronomical research in combination with educational outreach (see listing 03-578). The deadline for this fellowship opportunity is October 10, 2007. The “NSF Graduate Teaching Fellows in K-12 Education” support graduate students to pursue a program of enriching science, technology, engineering, and mathematics (STEM) education in the K-12 grades (see listing 06-556). The last proposal deadline was June 19.
2. **The NASA Earth and Space Science Fellowship Program** solicits proposals from institutions on behalf of Masters and Doctoral degree candidates. Funding levels are up to \$30K/year for up to three years. The deadline for proposals is February 1, 2007. The proposal opportunity can be found at <http://nspires.nasaprs.com/>, (select "Solicitations" then "Open Solicitations" then "NESSF07").
3. **The AAS Job Board** at <http://members.aas.org/JobReg/Jobregister.cfm>, lists research and faculty positions in astronomy along with a few other educational positions, including

23329: Project Coordinator for the Science Education Consortium at the Allen Array Telescope.
23205: Associate Astronomer – *Astronomy Magazine*.
23149: FCAD Postdoctoral Fellowship in Research and Education.

FUNDING OPPORTUNITIES:

1. **Current recipients of NASA space science research awards under the ROSS and ROSES programs** are invited to apply for supplemental funding in support of their active involvement in Education and Public Outreach. Funding levels are up to \$15K/year for individuals and \$50K/year for collaborations, where related research programs can be pooled. For more details, see <http://science.hq.nasa.gov/research/guidelines.html>. Abstracts of EPO programs that were awarded in FY2000 – FY2004 can be viewed on this site. See also your local Broker/Facilitator (NESSIE) who can help you formulate your EPO program.
2. **Current recipients of Hubble, Chandra, and Spitzer research awards** are also invited to apply for supplementary funding in support of developing and implementing EPO programs. For more details, see the pertinent mission’s website for proposing scientists.
3. **The IDEAS program** welcomes space scientists to apply for funding in support of innovative programs in Education and Public Outreach. Funding levels are up to \$20K for one-year programs and up to \$50K for two-year programs. See <http://ideas.stsci.edu>, for more details – including abstracts of winning proposals. The IDEAS program is currently under review with plans for this coming year to be released soon.

RESOURCES FOR EMPOWERING SCIENTISTS IN EDUCATION:

1. **A web clearinghouse for scientists in education** has been created by the Space Science Institute in Boulder, CO. The URL for this one-stop-shopping center for scientist-oriented education and public outreach is <http://www.scientistsineducation.org>. In it you can find information on getting travel awards for conducting and communicating your EPO programs, guidelines for writing E/PO proposals, white papers on why and how scientist involvement in EPO is important, links to

winning proposal abstracts, news of pertinent workshops and conferences, and profiles of scientists in E/PO.

2. **Communicating your accomplishments in EPO** is important to developing the field of space science education and is beneficial to your professional resumé. The *Astronomy Education Review (AER)* invites scholarly papers for peer review, descriptions and updates of EPO programs, commentaries, and other contributions relevant to astronomy education. See <http://aer.noao.edu/>.

LINKING YOUR WEBSITE:

If you have a website that you think would be of interest to the Space Science Education and Public Outreach community, please send it along to NESSIE at nessie@mos.org for possible posting on the NESSIE website at <http://www.mos.org/nessie>. We are especially interested in personal profiles of New England space scientists who have been involved in Education and Public Outreach (see for example <http://ssibroker.colorado.edu/broker/PROFILES/1.htm>).