

**BES Grades 6-12 Graduate Fellows - 2012-2013:  
A Program of Research and Practice in Environmental Science Education**

Baltimore Ecosystem Study • Towson University • Cary Institute of Ecosystem Studies

[www.beslter.org](http://www.beslter.org)

Two Grades 6-12 (G6-12) Graduate Fellows will join the unique Baltimore Ecosystem Study (BES) research and education community in 2012-2013. The Fellowships are an integral part of the Environmental Science Literacy (ESL) Project funded by the National Science Foundation at four Long Term Ecological Research (LTER) sites around the nation. G6-12 Fellows will contribute to the BES portion of the project, helping to develop environmental science literacy frameworks based on research into student learning, and instructional resources and professional development programs for teachers of grades 6-12.

For the 2012-2013 academic year (June 2012 through May 2013), one Fellow will come from Towson University and the other from any institution of higher education associated with BES as long as the Fellow is in residence in Baltimore for most of the year.

Each Fellow will:

- Spend an average of 21 hours per week working for the project during the school year, with more time in the summer during 6 weeks of teacher professional development activities.
- Develop classroom applications – protocols, lesson plans, background materials – to help integrate ecological research methods and findings from BES into teachers' instruction.
- Join the ESL Project's Research Team to participate in research into teacher and student thinking and learning.
- Support professional development workshops during the summer and school year.
- Receive on-going support from Project scientists and educators as they help grades 6-12 teachers implement new teaching approaches in their classrooms, schoolyards and neighborhoods.
- Participate in the ESL project annual meeting, and in quarterly meetings of BES scientists and educators.
- Receive payment of \$25,000 for the 12 month period of the Fellowship.

Fellows will have work space, if needed, in the ESL Project offices at the Center for Science and Mathematics Education at Towson University. Laboratory facilities and other resources for research support can be arranged at Towson, at the BES research offices at the University of Maryland Baltimore County, or at other collaborating institutions in the Baltimore area. Additional facilities are available at the Cary Institute site in Millbrook, NY.

## BES G6-12 Fellows Program Details for 2012-2013

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|---------------------------|---|
| <b>Dates:</b>             | Start date: June 2012 (preferred; August 2012 is possible)<br>End date: May 2013 (or one year from start date)  |
| <b>Eligibility:</b>       | Graduate students in residence in Baltimore area during the Fellowship period with an interest in science education.  |
| <b>Payment:</b>           | \$25,000 salary (60% full time) plus benefits   |
| <b>To apply:</b>          | Send the following, preferably via email:<br><ol style="list-style-type: none"><li>1) A letter of interest explaining how the experience will benefit you in your graduate career and beyond.</li><li>2) A statement of your research and education interests.</li><li>3) A description of your coursework background and relevant teaching experience (if any)</li><li>4) Names and contact information for three references.</li><li>5) Names and contact information for your academic advisor (if different).</li></ol> |
| <b>Send materials to:</b> | Sarah Haines, Ph.D.<br>Center for Science & Mathematics Education<br>Towson University<br>8000 York Road<br>Towson MD 21252<br>410-704-2926 <a href="mailto:shaines@towson.edu">shaines@towson.edu</a>  |
| <b>Deadline:</b>          | Applications must be received by February 24, 2012.   |