



Baltimore Ecosystem Study - Teachers' Institute

A summer and school year program for teachers interested in increasing their scientific knowledge and teaching skills

BALTIMORE PARTNERSHIP FOR ENVIRONMENTAL SCIENCE LITERACY

Looking to enrich your environmental science knowledge and teaching skills? Apply to the BES Teachers' Institute!

Who should apply?

- Dedicated **middle** and **high** school teachers in the greater Baltimore region.
- Teachers interested in learning, experimenting and collaborating.
- Teacher teams (pairs or more) from a single school are encouraged to apply. An ideal teacher team would include at least one science teacher and one or more teachers from another discipline - math, social studies, engineering, technology.

You will:

- Explore the big ideas in environmental science in the urban ecosystems of Baltimore.
- Learn about carbon cycling, water flow and quality, and biodiversity through inquiry-based projects in the field and classroom.
- Delve into pathways of student thinking and learning about environmental science.
- Gain ideas for incorporating the Next Generation Science Standards into your courses.
- Receive curriculum materials and other teaching resources.
- Develop plans for classroom implementation and experimentation.
- Join a community dedicated to environmental science literacy for all students.

Teachers receive:

- 5 days of Summer Workshop.
- 3 follow-up workshops during the 2014-2015 school year (Saturdays).
- Lessons and resources designed for use in your classes.
- Support from scientists and educators as you teach during the year.
- Feedback on student thinking about topics in environmental science.



Additional:

- MSDE or AU credits will be available upon course approval.

Time and Dates: June 23-27, 2014. 9AM –4PM. School year (TBD)

Instructors: Dr. Alan R. Berkowitz and Ms. Bess Caplan, Baltimore Ecosystem Study

Location: Schools and field sites throughout Baltimore City and Baltimore County

To Apply: Complete the attached application form and submit your materials to Bess Caplan, BES Education Program Leader, caplanb@caryinstitute.org, 410-455-1863. Top applicants will be contacted for an interview. Deadline to apply is April 15th, 2014.

Website: www.beslter.org

(Stipends are not available)