

Alice Ferguson Foundation's

BRIDGING THE WATERSHED

An Outreach Program of the Alice Ferguson Foundation in Partnership with the National Park Service and Area Schools that offers secondary school students opportunities to study real-world science in national parks.

BRIDGING THE WATERSHED SUMMER TEACHER INSTITUTE MIDDLE POTOMAC NATIONAL PARKS

WHO SHOULD APPLY	secondary school (grades 6—12) environmental science, earth science, chemistry, biology, integrated physics teachers of the middle Potomac region (Frederick, Washington, northern Montgomery, Loudon, Jefferson, Berkeley counties)
WHAT YOU WILL LEARN	During this 4.5-day institute participants will learn BTW curricula and strategies to implement hands-on activities in the classroom, engage in field studies in national parks, and complete a project due at the end of the institute.
EXPECTATIONS	Participating teachers must implement one BTW module with their class by November 30, 2012. This includes completing classroom lessons and bringing students to a participating national park for a field study. All participants must also complete minor assignments during the institute and a project after the institute. Out-of-class independent work will total approximately 6-10 hours between the start of the institute and November 30.
INSTITUTE DATES & TIMES	July 23—27, 2012 Monday—Thursday 8:00 AM—4:30 PM Friday 8:00 AM—2:30 PM
LOCATIONS	Classes are conducted in the field and indoors at national parks of the middle Potomac region: Monocacy National Battlefield, Harpers Ferry National Historical Park, Antietam National Battlefield, Catoctin Mountain Park, and Chesapeake & Ohio Canal National Historical Park.
STIPEND and STIPEND REQUIREMENTS	\$700 stipend for teachers for full participation in the 4.5-day institute plus a follow-up field study with secondary school students in a national park before November 30, 2012. Stipends will be issued in December 2012.
PROFESSIONAL DEVELOPMENT CREDIT	Three (3) graduate credits are available from Catholic University at current university rates (Pending Approval). Credit will be issued at the end of Fall 2012 semester. To receive graduate credit in addition to full class participation and a follow-up workshop, teachers will be required to submit a project. Teachers are responsible for Catholic University tuition fees. Maryland teachers may be eligible for MSDE credit.
APPLY	online: www.fergusonfoundation.org/btw/training.shtml



Bridging the Watershed challenges secondary students

to explore natural resource issues impacting the Potomac watershed through a combination of classroom studies, memorable field experiences in our national parks, and meaningful follow-up activities.

BTW programs give students 'aha' moments when they literally hold science in their hands. Teachers live for that moment when learning becomes relevant to students' lives. You hope your students will have a spontaneous burst of enlightenment when they put it all together.

We know it's not fair, but our educators see that 'aha' moment every day.



Further Information

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