Join a year-long (June 2012 - June 2013) Forestry Education Initiative focused on enhancing students' knowledge of Michigan forests and developing a sense of forest stewardship among urban students in Detroit.

**Limited to 20 Middle or High School Teachers in Detroit schools.**

**How Teacher Participants Will Benefit:**

1. Opportunity to attend a summer forestry institute on Belle Isle from June 18 - 22, 2012 and 3 forestry education Saturday workshops during the 2012-2013 school year which will connect to Michigan GLCEs for Grades 5-12 for science, math and social studies.

2. **Opportunity to earn 4 graduate credits from Michigan Technological University** at no additional cost (supported by MTU departmental stipend).

3. Receive classroom resources--at least 3 activity guides.

4. Receive funding for classroom/field supplies, creation of native garden at school, and travel stipend for 3 field trips to Belle Isle.

**Program Requirements of Teacher Participants:**

- Attend 5-day summer institute June 18-22, 2012 on Belle Isle.
- Attend 3 six-hour workshops (on Saturdays) during 2012-13 school year (Nov. 3, Dec. 1, March 16).
- Pay $50 program participation fee, if accepted.
- Take students on 3 field trips to Belle Isle to plan & implement a forest stewardship project.
- Help plan and conduct one family/community event on Belle Isle.
- Plan and create a schoolyard natural area at your school (supplies & training provided).

**Sponsors**

Michigan Alliance for Environmental and Outdoor Education
Michigan Technological University
Belle Isle Nature Zoo • Michigan Forest Foundation
Hawk Woods Nature Center • Michigan Project Learning Tree
Build On • Detroit Public Schools

Supported with a 2-year grant from the USDA Forest Service.
Developing Middle/High School Students as Urban Forest Stewards in Detroit
2012-2013 Teacher Professional Development Schedule

Workshops are FREE to Detroit School teachers. To participate in the Initiative, teachers must attend all THREE Saturday workshops and the 2012 Summer Forestry Institute. Limited to 20 participants per year. Classroom supplies provided. $50 program participation fee will be charged to cover all 3 lunches at the workshops and 5 lunches at the summer institute.

2012 Summer Forestry Institute on Belle Isle
8:30 am – 5:00 pm, Monday-Friday, June 18-22, 2012
Learn how to bring forests into your classroom! Institute topics include:

Forest Ecology, Forest Health, Insect Pests & Diseases, Tour of active logging site & lumber mill.
*June 20th or June 21st overnight at Hawk Woods Nature Center in Auburn Hills.

Presenters: Michigan Tech faculty, DNR biologists, , Michigan Forest Association

Engaging Students in Forestry Field Research
9 am - 3:30 pm, Sat., November 3rd at Belle Isle Nature Zoo
Program Overview, Tree Identification, Forest Health, Invasive Species, Forest Stewardship

Presenters: Dr. Mary Hindelang (invited) and Joan Chadde, Michigan Tech University, and Lisa Perez, U.S. Forest Service Urban Connections

Creating Schoolyard Natural Areas
9 am - 3:30 pm, Sat., December 1st, 2012 at Belle Isle Nature Zoo
Learn how to be a forester! Topics covered include: Forest Measurements, Plot Sampling, and Forest Management.

Presenter: Sarah Halson, Greening of Detroit (invited) or Suzanne Campbell, Michigan Natural Resources Inventory (invited)

Science & Civics Project Wild Curriculum
9 am - 3:30 pm, Saturday, March 16, 2013 at Belle Isle Nature Zoo
Create a native plant garden at your school. Select the best site, gather materials, recruit volunteers, strategies for caring for your school garden, involving the school community.

Presenter:
### PARTICIPANT APPLICATION FORM

**Developing Middle/High School Students to Become Urban Forest Stewards**  
**for Gr. 5-12 Teachers in Detroit Schools**

To Register: complete the form below. Application Deadline: **Sept. 4, 2012**

<table>
<thead>
<tr>
<th>Enrollment limited to 20 participants.</th>
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<tbody>
<tr>
<td>Teacher Name: _________________________</td>
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<tr>
<td>First: __________________ Last: ________</td>
</tr>
<tr>
<td>Additional Teachers’ Names (teams encouraged): ____________________ Email: ____________________</td>
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<tr>
<td>First: __________________ Last: ________</td>
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<tr>
<td>School Phone: (_<strong>)</strong>___________</td>
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<tr>
<td>Name of Your School: ____________________________</td>
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<tr>
<td>School Phone: ____________________________</td>
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<tr>
<td>School Address: ____________________________</td>
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<tr>
<td>Street: __________________ City: ______ State: ______ Zip Code: ______</td>
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<tr>
<td>Subjects Taught: ____________________________ Grade(s) Taught: ______________</td>
</tr>
<tr>
<td>Degree(s) Earned/Areas of Teacher Certification: ____________________________</td>
</tr>
<tr>
<td>Your Principal’s Signature: ____________________________ Date: ______________</td>
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</tbody>
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*** On a separate page, please explain: 
(1) Why do you want to participate in the program?  
(2) What you hope to gain by participating? 
Please attach this page to your registration form.

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I agree to complete all program requirements. 

_________________________________________ Date ______________

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Submit completed application by email, fax, or mail by **Sept. 4, 2012** to:

Joan Chadde, Project Manager  
Center for Science and Environmental Outreach  
Great Lakes Research Center - Michigan Technological University  
1400 Townsend Dr., Houghton, MI 49931  
TEL: 906-487-3341  
FAX: 906-487-1029  
Email: jchadde@mtu.edu  
Website: [http://wupcenter.mtu.edu](http://wupcenter.mtu.edu) and [http://greatlakes.mtu.edu](http://greatlakes.mtu.edu)