



Science of the Great Lakes

Grades K-8
Grades 9-12

July 14, 15, 2014
July 15, 16, 2014

Bring the Great Lakes into Your School!

In an effort to assist K-12 teachers in meeting the diverse needs of their students and ultimately improve the abilities of these students to successfully participate in the future study of science and the STEM-based economy of the 21st century, The Center for Mathematics and Science Education, Teaching and Technology (CMSETT) and the Alliance for the Great Lakes (AGL) have partnered to provide high-quality professional development. CMSETT and AGL are committed to helping K-12 teachers improve science content knowledge and motivate students using culturally-responsive and inquiry-based pedagogy. Teachers will engage in classroom and field-based learning opportunities aligned with the new Next Generation Science Standards.

Improve your science content knowledge and teaching strategies by bringing the Great Lakes into your classroom with topics including:



Lake Erie Coastal Ecology *Habitat Restoration*
Great Lakes History and Current Research
Human-Environment Interaction
Citizen Science Service-Learning Program
Adopt-a-Beach™



During this workshop, educators will receive the curriculum set *Great Lakes in My World K-8* or *Great Lakes in My World 9-12* (\$50 value). *Great Lakes in My World* offers indoor and outdoor lesson plans -- covering lakes, sand dunes, wetlands, human communities, history and geology. Each activity includes assessment rubrics. Improve student writing skills using student journal pages. The kit also includes Creature Cards featuring 66 Great Lakes plants and animals and a CD with additional resources. The curriculum meets Ohio science standards and is being aligned to the Next Generation Science Standards. Participants in this course will experiment with hands-on-activities, learn about and discuss current Great Lakes issues, learn best practices in science and place-based education, and become trained as Adopt-a-Beach™ citizen scientists.

Dates for K-8: July 14th & 15th, 2014

Dates for 9-12: July 15th & 16th, 2014

Classes are from 8:30 AM-3:30 PM.

Registration for this 2-day workshop is \$150 which includes all materials.

OPTIONAL: Receive ONE (1) hour of non-degree graduate credit through John Carroll University at a special cost of \$160.

Note: CMSETT reserves the right to cancel workshops that do not have a minimum number of registrants. In the case of cancellation, you will be notified and a given full refund.

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8:30 am – 3:30 pm

PERSONAL INFORMATION

PLEASE PRINT

Name: _____

School: _____ District: _____

Home Address: _____

City: _____ Zip: _____

Home Phone: _____ Cell: _____

Work Phone: _____ Fax: _____

Email address: _____

What is your current position? (ex. 6th grade teacher, 8th grade science teacher, curriculum specialist, etc.): _____

Mail the completed registration form with a check for \$150 payable to “**John Carroll University**”
or send a school purchase order to:

John Carroll University
c/o CMSETT
1 John Carroll University
University Heights, OH 44118

or fax the registration form with a purchase order to 216.397.4544.

Upon receipt of your application and payment, you will receive an email confirmation of your registration. In May 2014, you will receive another email with workshop details. Please contact The Center for Mathematics and Science Education, Teaching and Technology at John Carroll University if you do not receive this information (216.397.4575) within 10 days of your application.

Note: Registration fee is not refundable after June 1, 2014, however you may transfer your registration to another person at the same grade level.

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