

Reaching our STEM Potential: How Can We Improve Our Performance in Science, Technology, Engineering, and Math?

Date: August 9, 2013
Time: 2:00-3:30 p.m. ET

Please register at: http://bit.ly/PEPH_STEM
(registration required)

Description: This webinar will share insights into the many resources and tools developed by NIEHS grantees and other groups to increase the proficiency of students' performance in the science, technology, engineering, and math (STEM) fields. The presentations will highlight successful approaches to reaching underserved populations and gaining access to teachers in order to promote STEM.

LEGO® Atoms and Molecules: Understanding Air

Kathleen Vandiver, Ph.D., Massachusetts Institute of Technology



Dr. Vandiver will describe the Massachusetts Institute of Technology's "LEGO® Atoms and Molecules: Understanding Air," a learn-by-doing middle school chemistry lesson connecting fuel combustion with the environmental health issues of climate change and air pollution, completed with NIEHS funding in partnership with WGBH (NOVA).

My Environment, My Health, My Choices

Dina Markowitz, Ph.D., University of Rochester



Dr. Markowitz will discuss the University of Rochester's "My Environment, My Health, My Choices" program, which includes 20 environmental health-related lessons—most of which are interdisciplinary—varying from a one-session PowerPoint presentation on toxicology to a 14-day unit on asthma in the city. Other topics include acid rain, water and environmental health, lead poisoning, and noise pollution.

Healthy Lungs, Happy Living

Mercedes Arana, Ph.D., NIEHS



Dr. Arana will cover the NIEHS's collaboration with the Citizen Schools Program at Lowe's Grove Middle School in Durham, North Carolina, which involves a 10-week afterschool apprenticeship titled "Healthy Lungs, Happy Living." The apprenticeship is designed to get kids excited about math and science and creative activities that otherwise would not be part of the classroom setting and to entice them to consider future careers in STEM.



REGISTER NOW

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PEPH Webinar Series

The Partnerships for Environmental Public Health (PEPH) program established the PEPH Webinar Series to promote interactions among PEPH grantees and to increase awareness of common issues and approaches. The webinars facilitate consideration of emerging issues. While the primary audience is grantees within the PEPH network, anyone interested in environmental public health is welcome to register.

If you have any questions about this webinar, please contact Sharon D. Beard (beard1@niehs.nih.gov, 919-541-1863). For future webinars, contact Liam O'Fallon (ofallon@niehs.nih.gov, 919-541-7733).

Individuals with disabilities who need accommodation to participate in this event should contact Liam O'Fallon (ofallon@niehs.nih.gov, 919-541-7733). TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests should be made at least 5 business days in advance of the event.

Upcoming Webinar Topics:

- Environmental Justice for Native Americans (August 21)

