

Diet, Nutrition, and Environmental Public Health

May 28, 2015, 1:00 - 2:00 p.m. EDT

To participate, please see **Webinar Information** below.

Description: Research indicates that the interplay between dietary factors and environmental exposures may influence – positively and negatively – disease onset and trajectory. For example, poor diets related to low consumption of antioxidants and/or high consumption of dietary fat and sugar have been shown to increase the negative effects of polluted air on asthma symptoms. These risks have been shown to be ameliorated with proper antioxidant or vitamin D supplementation. Genetic variation represents another important facet of the diet-toxicant-disease paradigm. Nutrition studies are exploring joint effects of genes and diet on various health outcomes, including diabetes and obesity. Recent findings in the area of epigenetics and epigenomics provide intriguing examples by which environmental chemicals and nutrition can influence gene expression through epigenetic mechanisms. In this webinar, we will hear from two researchers who have been examining the interplay between diet and environmental exposures and how that may influence health outcomes.



Perinatal Nutrition and Environmental Exposures: Effects on Metabolic Homeostasis and the Epigenome

Dana Dolinoy, Ph.D.
University of Michigan



Prenatal Maternal Diet and Stress: Implications for Child Health

Rosalind Wright, M.D., M.P.H.
Icahn School of Medicine at Mount Sinai

Webinar Information:

Go to the webinar's Adobe Connect Meeting Room

(<https://webmeeting.nih.gov/peph>) and enter as a Guest. Type in your full name and click the **Enter Room** button. You then will be prompted about calling in.

Click on **dial-out** and enter your phone number, including "1" and the area code. You then will receive a call from the webinar room to join.



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 participate.

If you have any questions about this webinar, please contact Liam O'Fallon (ofallon@niehs.nih.gov, 919-541-7733).

Accommodations for Disabilities:

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.