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.