



Powering Research Through Innovative Methods for Mixtures in Epidemiology (PRIME) Program Meeting

NIEHS Building 101, Rodbell Auditorium – 111 TW Alexander Drive, Research Triangle Park, N.C.

Agenda Monday, April 29, 2019

- 7:15 a.m. Bus Departs From Hotel**
- 8:00 a.m. Registration and Hang Posters** *Lobby*
- 8:30 a.m. Welcome** *Rodbell Auditorium*
Gwen Collman, Ph.D., Director, Division of Extramural Research and Training (DERT),
National Institute of Environmental Health Sciences (NIEHS)
- 8:45 a.m. Background of PRIME and Meeting Goals**
Bonnie Joubert, Ph.D., DERT PRIME Program Director, Population Health Branch, NIEHS
- 9:00 a.m. Commonly-Used Methods for Analyzing Exposure to Mixtures in Environmental Epidemiology:
A Few Examples**
Marianthi-Anna Kioumourtzoglou, Ph.D., Columbia University
- 9:30 a.m. Discussion**
- 10:00 a.m. Break**
- 10:15 a.m. Methods for Data Integration and Risk Assessment for Environmental Mixtures**
Chris Gennings, Ph.D., Icahn School of Medicine at Mount Sinai
Brent Coull, Ph.D., Harvard T.H. Chan School of Public Health
- 10:45 a.m. Development and Testing of Response Surface Methods for Investigating the Epidemiology of
Exposure to Mixtures**
Thomas Webster, D.Sc., Boston University
- 11:15 a.m. Estimating the Total Effects of a Mixture of Pollutants on a Health Outcome**
Mary Ellen Turyk, Ph.D., University of Illinois at Chicago
Hua Yun Chen, Ph.D., University of Illinois at Chicago
- 11:45 a.m. Lunch** *NIEHS Cafeteria*
- 1:00 p.m. Bringing Modern Data Science Tools to Bear on Environmental Mixtures**
Marie Lynn Miranda, Ph.D., Rice University
Kathy Ensor, Ph.D., Rice University
- 1:30 p.m. Principal Component Pursuit to Assess Exposure to Environmental Mixtures in Epidemiologic Studies**
Marianthi-Anna Kioumourtzoglou, Ph.D., Columbia University
- 2:00 p.m. Structured Nonparametric Methods for Mixtures of Exposures**
David Dunson, Ph.D., Duke University
- 2:30 p.m. Discussion**
Q&A for PRIME PIs and General Discussion
- 3:30 p.m. Poster Session**
- 4:30 p.m. Bus Departs to Hotel**
- 6:00 p.m. Dinner with PRIME PIs**



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Tuesday, April 30, 2019

PRIME Grantees and NIEHS Extramural Staff

8:00 a.m.	Bus Departs From Hotel	
8:15 a.m.	Registration	Lobby
9:00 a.m.	Closed Discussion Grantees and NIEHS Extramural Staff	Rodbell AB
Noon	Lunch	NIEHS Cafeteria
1:00 p.m.	Discussion	
2:00 p.m.	Bus Departs to Airport	

