

"Cells to Society: Overcoming Health Disparities"

Natcher Conference Center
National Institutes of Health, Building 45
Bethesda, MD 20892

Thursday, February 28, 2008

Agenda

All Day: Poster session open throughout the meeting

- 9:00 - 9:15 a.m. **Welcome and Introduction**
Allen Dearry, National Institute of Environmental Health Sciences
Robert Croyle, National Cancer Institute
- 9:15 - 9:30 a.m. **Overview of CPHHD Approach to Health Disparities:** The goal of this overview is to define the novel CPHHD paradigm for health disparities research and outline the goals for multilevel, transdisciplinary research that will define translational goals for eliminating health disparities.
Timothy Rebbeck, University of Pennsylvania
- 9:30 - 11:45 a.m. **Session 1: Biological Consequences of Environment:** Adverse health is likely to result from exposure to unfavorable environments in the presence of underlying genetic susceptibility. Health disparities therefore may result if unfavorable combinations of unfavorable genotypes and exposures occur at a higher rate in some populations than others. This session will focus on the study of these complex interactions using novel animal models, molecular epidemiology, and environmental health approaches.
Moderator: Jorge Gomez, National Cancer Institute
1. *Biological Consequences of Social Isolation (Sarah Gehlert, University of Chicago)*
 2. *Environment, Ethnicity, and Stress: Findings From the Texas City Stress and Health Study (Malcolm Cutchin, University of Texas Medical Branch, Galveston)*
- 10:30 - 10:45 a.m. **Break**
3. *Multilevel Analysis of Prostate Cancer Outcomes (Timothy Rebbeck, University of Pennsylvania)*
- Session Synopsis: Translational Implications of This Research**
Moderator/Discussant: Richard Suzman, National Institute on Aging
- (open-microphone discussion)
- 11:45 a.m. - 1:00 p.m. **Lunch**

1:00 - 3:00 p.m.

Session 2: Biobehaviors and Disparities: Behavioral influences on disparities through screening, lifestyle, and exposures have been well documented, yet the multilevel effects of the larger neighborhood and community context on these behavioral influences, and the use of biomarkers to assess these effects, represent a new direction in health disparities research. This session will present transdisciplinary models that incorporate biomarkers, individual behaviors, and neighborhood context to understand the multilevel causes of health disparities.
Moderator: Frederick Tyson, National Institute of Environmental Health Sciences

1. *Risky Behaviors, Screening, Biomarkers, and Cervical Cancer (Electra Paskett, The Ohio State University)*
2. *Nutritigenomics (Katherine Tucker, Tufts University)*
3. *Vitamin D, NFkB, and Obesity (John Flack, Wayne State University)*

Session Synopsis: Clinical and/or Policy Implications of This Research

Moderator/Discussant: Tanya Agurs-Collins, National Cancer Institute

(open-microphone discussion)

3:00 - 3:15 p.m.

Break

3:15 - 5:15 p.m.

Session 3: Interventions: To fully realize the goal to eliminate health disparities, practical and effective interventions are required. These interventions can be at the level of primary prevention, screening, treatment, and policy, and may incorporate biomarkers and biological information (e.g., biomarkers) to optimize targeted interventions in high-risk groups.

Moderator: Sanya Springfield, National Cancer Institute

1. *Breast Cancer Biology/Molecular Phenotype and Implications for Prevention (Olufunmilayo I. Olopade, University of Chicago)*
2. *Disaggregation of SES and Race: Breast Cancer Screening (Richard Warnecke, University of Illinois, Chicago)*
3. *Neighborhoods, Cumulative Dysregulation, and Policy Change (Nicole Lurie, RAND Corporation)*

Session Synopsis: Clinical and/or Policy Implications of This Research

Moderator/Discussant: Robert Hiatt, University of California, San Francisco

(open-microphone discussion)

5:15 - 6:30 p.m.

Poster Viewing