

USC|UCLA Center on Biodemography & Population Health
Biomarker Network



Meeting Agenda
NIA-Sponsored Biomarker Network Meeting
Wednesday, March 30, 2015
Marriott Wardman Park, Washington, DC
Washington Room 5

8:30 - 9:20: Welcome and Update on Center Activities –

Teresa Seeman, Eileen Crimmins, Lis Nielsen, Heather McCreath, Perry Hu, Alan Potter

Update on Assay Validations: IL-6, Vit D, CMV, EBV –

Eileen Crimmins, Teresa Seeman, Alan Potter, Heather McCreath, Jung Ki Kim, Perry Hu

Update on other projects: Recent Progress in Developing Biomarker Assays for Dried Blood Pots

- Alan Potter

9:20- 10:40: Updates from Studies

The National Longitudinal Study of Adolescent to Adult Health (Add Health): Wave V: Biological Data Collection

Nancy Dole, Eric A. Whitsel, Carolyn T. Halpern, Robert A. Hummer, Kathleen Mullan Harris

Updates from CHARLS- Yaohui Zhao, Perry Hu

Updates from MHAS – Joseph Sáenz (for Rebeca Wong)

Updates from IFLS - John Strauss

Updates from LASI - Jinkook Lee

Updates from HRS - David Weir, Jessica Faul

Updates from WLS - Pam Herd

Updates from TILDA – Ann Hever

Updates from SAGE - Preliminary evaluations of self-reported diabetes and HbA1c. E. Thiele, JJ Snodgrass, G Eick, L Madurai, A Risbud, V Kale, A Shete, Le Y, R Robledo, S Chatterji, N Naidoo, P Kowal.

10:40- 10:55: BREAK

10:55 - 12:00 - Stresses and Biology

The Effect of Job Loss and Home Foreclosure on Health: Evidence from Biomarkers

Pierre-Carl Michaud, Eileen Crimmins, Michael Hurd

Prevalence of abandoned homes in the neighborhood and thymic function

Elizabeth McClure, Lydia Feinstein, Sara Ferrando-Martínez, Manuel Leal, Sandro Galea, Allison Aiello

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Neighborhood income and high sensitivity C-reactive protein among young adults:
differences by sexual orientation and gender
Evan A. Krueger, MPH; Dawn M. Upchurch

12:00 - 12:45: Lunch

12:45 - 1:25: Genetics

A weighted gene correlation network analysis method for the estimation of polygenic risk scores
Morgan E Levine, Peter Langfelder, Ake Lu, Steve Horvath

Mortality selection in a genetic sample and implications for association studies
Benjamin Domingue

1:25 - 2:05: New Measures and Markers for Demographers

Imaging biomarker or surrogate end point: How do assess arterial stiffness as independent predictor for mortality and physical aging in population-based studies?
Ronny Westerman

Neuroimaging data collection
Colter Mitchell

2:05 - 2:20: BREAK

2:20 - 3:00: New Measurement Approaches

In Search of a Salient Marker of Immune Function for Population Health Research
Lydia Feinstein, Elizabeth McClure, Jennifer B Dowd, Allison E Aiello

Validation of a commercially-available ELISA for apolipoprotein B measurement in dried blood spots
Geeta N Eick, Paul Kowal, J Josh Snodgrass

3:00 - 4:00 Allostatic Load and Cardiovascular Risk

Healthy Lifestyle Index Predicts Lower Allostatic Load in Young Women
Jenna van Draanen, Dawn Upchurch

Socioeconomic Gradients of Cardiovascular Risk Factors in China and India: Results from the China Health and Retirement Longitudinal Study and Longitudinal Aging Study in India
Peifeng Hu, Serena Wang, Jinkook Lee

Diabetes and Prediabetes in China
Y Zhao, E Crimmins, P Hu, Y Shen, J Smith, J Strauss, Y Zhang

4:00 - 4:30: General Group Discussion

4:30: ADJOURN MEETING