

**Meeting Agenda**  
**NIA-Sponsored Biomarker Network Meeting**  
**Wednesday, April 29, 2015**  
**Hilton San Diego Bayfront**  
**Sapphire M**

**8:00 – 8:30: Continental Breakfast**

**8:30 - 9:15: Welcome and Update on Center Activities –**  
Teresa Seeman, Eileen Crimmins, Heather McCreath, Alan Potter

**9:15 - 10:30: Session 1: Social Factors and Inflammation, Allostatic Load,  
Biological Risk and Physiological Dysregulation**

Chioun Lee  
Offspring's Schooling and Inflammation of Older Parents

Elinam Dellor and Dawn M. Upchurch  
Child Maltreatment, Interpersonal Violence and Inflammation

Evan A. Krueger, Mark L. Hatzenbuehler, and Dawn M. Upchurch,  
Sexual Identity Concordance and Allostatic Load

Ting Li, Yang Claire Yang, Zhao-Xue Yin, Xiao-Ming Shi, and Yi Zeng  
Social Relationships and Cumulative Physiological Dysregulation among Chinese at  
Advanced Ages: Findings from the CLHLS

**10:30 - 10:45: BREAK**

**10:45 - 11:45: Session 2: Using Dried Blood Spots**

Jessica Faul  
Investigation of Dried Blood Spot HbA1c Measurement Errors Using TipTemp Stamps

J. Josh Snodgrass, Elizabeth Thiele, Geeta Eick, Somnath Chatterji, Nirmala Naidoo,  
Lorna Madurai, and Paul Kowal  
Preliminary Dried Blood Spot Biomarker Data from the Study on global AGEing and  
adult health (SAGE).

Geeta Eick, Samuel S. Urlacher, Paul Kowal, and J. Josh Snodgrass  
What a Drop Can(t) Do: Methodological Challenges Associated with Incorporating Dried  
Blood Spot Biomarkers into Population-based Research

**11:45 - 12:15: Session 3: Updates on HRS Biomarkers**

Eileen Crimmins  
HRS Biomarker Data, 2006-2008 and 2010-2012

Uchechi A. Mitchell, Jennifer Ailshire, Jung Ki Kim and Eileen Crimmins

Four-year Change in Cumulative Biological Risk: Does Race/Ethnicity Matter?

**12:15 - 1:00: Lunch**

**1:00 - 1:40: Session 4: Genetics 1**

Benjamin W. Domingue, Robert Wedow, Dalton Conley, Matt McQueen, Tom Hoffman, and Jason D. Boardman

The Application of Genome Wide Relationship Statistics to Social Scientific Inquiry

Yi Zeng on behalf of the CLHLS Research Team

Novel Loci and Pathways Significantly Associated with Longevity in Han Chinese, also Indicating a lot of Excellent Research Opportunities

**1:40 - 2:20: Session 5: Genetics 2 - Telomeres and Methylation**

Colter Mitchell, University of Michigan

Measuring Biological Age: Telomere Length and DNA Methylation Age in Two Longitudinal Studies

Dana A. Glej, Noreen Goldman, Rosa Ana Risques, David Rehkopf, William H. Dow, Luis Rosero-Bixby, and Maxine Weinstein

Predicting Survival: Telomere Length versus Conventional Predictors

**2:20 - 2:30: BREAK**

**2:30 - 3:45: Session 4: New Measurement Approaches**

Tara Gruenewald

The Use of Smart Devices (Tablets, Phones) to Collect Cognitive Performance and Self-Report Activity and Affect Data

Pamela Herd, Federico Rey, and Kerryann DiLoreto

Incorporating the Microbiome into the Wisconsin Longitudinal Study

Jodi Ford and Chris Browning

Feasibility of Hair Collection for Biomarker Research in Population Studies of Adolescents: Updates from the Field

Ronny Westerman, Katharina Pyka, Sabine Groos, Hanna Ehlers, Walter Krause, and Ulrich Mueller

Semen Quality as Predictor of Mortality in a Cohort of Out-Patients of a German Andrology Clinic: Biomedical vs. Life with-children Pathways of Influence

**3:45 - 4:00: Very Brief Updates from Studies**

NSHAP - Kate Cagney

CRELES - Will Dow

PSID, NHATS - Vicki Freedman

SEBAS - Dana Gleib

WLS - Pam Herd

CHARLS - Perry Hu

SAGE - Paul Kowal

LASI - Jinkook Lee

MIDUS - Teresa Seeman

HAALSI - Steve Tollman

MxFLS - Duncan Thomas

HRS - David Weir

MHAS - Rebecca Wong

CLHLS - Yi Zeng

**4:00 - 4:30:     General Group Discussion**

**4:30:             ADJOURN MEETING**