



C2S Summer Biomarker Institute
June 6-8, 2011

Day 1 Annenberg Hall - Room 345

Morning session

8:30 Continental breakfast

8:45 **Welcome and participant introductions**

Thom McDade, Emma Adam, and Chris Kuzawa, Northwestern University

9:15 **What is biology and why measure it? A theoretical introduction to biology and its role in the social sciences**

Chris Kuzawa, Northwestern University

10:15 Break

10:30 **Case studies: Biology in context**

Thom McDade, Emma Adam, & Chris Kuzawa, Northwestern University

12:00 *Lunch*

Afternoon Session

1:30 **Theory to practice: Guiding principles for integrating biological measures into survey research**

Chris Kuzawa, Northwestern University

2:15 **Salivary biomarkers: Common measures, collection methods and challenges, and analysis techniques**

Emma Adam, Northwestern University

3:00 Break

3:15 **Salivary biomarkers, continued**

4:30 Adjourn



The Center on Social Disparities and Health

AT THE INSTITUTE FOR POLICY RESEARCH, NORTHWESTERN UNIVERSITY

6:00 *Dinner Reception @ Campagnola – 2nd floor*
815 Chicago Ave., Evanston (847) 475-6100

Day 2 Annenberg Hall - Room 345

Morning session

8:30 Continental Breakfast

9:00 **Engaging diverse populations in biomarker research**
Ann Bryant Borders, Feinberg School of Medicine, Northwestern University

10:00 Break

10:15 **Dried blood spots as a minimally-invasive alternative to venipuncture: Advantages/disadvantages, analytic options, and procedures for sample collection**
Thom McDade, Northwestern University

12:15 *Lunch*

Afternoon session

1:45 **Methods breakout sessions:**

- 1. Anthropometry**
- 2. Blood pressure**
- 3. Actigraphy**

Chris Kuzawa, Northwestern University

3:15 Break

3:30 **Methods development and application: Lessons from the National Social Life, Health, and Aging Project**
Stacy Tessler Lindau, University of Chicago

4:30 Adjourn



Day 3 Anthropology Department, 1810 Hinman Avenue, main conference room and Laboratory for Human Biology Research

Morning session

8:30 Continental breakfast

9:00 **Deoxyribonucleic acid topic: TBA**

M. Geoffrey Hayes, Feinberg School of Medicine, Northwestern University

10:00 Break

10:15 **Laboratory measurement, I: Introduction to the immunoassay**

Thom McDade, Northwestern University

11:00 **Laboratory measurement, II: Assay evaluation and quality control**

Thom McDade, Northwestern University

12:00 *Lunch in house*

12:30 **Breakout sessions:**

- 1. Lab tour**
- 2. Sample shipping and storage**

1:30 Presentation of lab results and wrap up

2:00 Adjourn