



The Center on Social Disparities and Health

AT THE INSTITUTE FOR POLICY RESEARCH, NORTHWESTERN UNIVERSITY

C2S Summer Biomarker Institute June 18-20, 2007

Day 1 Annenberg Hall - Room 345

Morning session

8:30 Continental breakfast

8:45 Welcome: Lindsay Chase-Lansdale, Director, C2S, Northwestern University

9:00 Participant Introductions

9:30 **What is biology and why measure it? A theoretical introduction to biology and its role in the social sciences**

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

10:45 Break

11:00 **What is biology and why measure it? (continued)**

12:30 Lunch @ Norris University Center, east lawn (rain location: Big Ten Rm)

Afternoon Session

1:45 **Theory to practice: Guiding principles for integrating biological measures into survey research**

Chris Kuzawa, Northwestern University

2:45 Break

3:00 **Salivary biomarkers: Common measures, collection methods and challenges, and analysis techniques**

Emma Adam, Northwestern University

5:00 Adjourn

Pick-up
6:30 Dinner @ Campagnola, 815 Chicago Ave., Evanston (847) 475-6100

*** Transportation arranged ***



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Day 2 Annenberg Hall - Room 345

Morning session

8:30 Continental Breakfast

9:00 **Dried blood spots as a minimally-invasive alternative to venipuncture: Advantages/disadvantages, analytic options, and procedures for sample collection**

Thom McDade, Northwestern University

11:00 Break

11:15 **Methods breakout sessions:**

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

Chris Kuzawa, Northwestern University

12:15 **Lunch discussion: *Ethical considerations in the application of biological measurement to community-based research***

Dorothy Roberts, Northwestern University

Lunch will be held in the James Allen Center, Room 222

Afternoon session

1:45 **DNA: Everything you wanted to know but were afraid to ask**

Geoff Hayes, University of Chicago/Northwestern University

3:00 Break

3:15 **Methods development and application: Lessons from the National Social Life, Health, and Aging Project**

Stacy Lindau, University of Chicago

4:45 Adjourn



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

Morning session

8:30 Continental breakfast

9:00 **Laboratory measurement, I: Introduction to the immunoassay**

Thom McDade, Northwestern University

10:00 Break

10:15 **Laboratory measurement, II: Assay evaluation and quality control**

Thom McDade, Northwestern University

11:00 **Breakout sessions:**

1. Lab tour

2. Sample shipping and storage

12:00 Lunch and roundtable discussions, topics TBA

2:00 Wrap up session

3:00 Adjourn