Biosocial-Surveys in Germany and Great Britain

Gert G. Wagner
Berlin University of Technology (TUB), German Socio-Economic Panel Study (SOEP) and Max Planck Institute for Human Development (MPIB)

in Collaboration with Thomas Dohmen, Agnes Jaensch, Christian Montag, Martin Reuter, Matt Schoenlau, Jürgen Schupp, Nico Siegel, Uwe Sunde, Bernd Weber, and Armin Falk

GENEQOL Consortium Meeting
Amsterdam
December 2 and 3, 2009
Survey Team

Martin Reuter
Bernd Weber

Armin Falk

Uwe Sunde

Thomas Dohmen

Agnes Jaensch
Nico A. Siegel

Matt Schoenlau
Juergen Schupp
Gert G. Wagner
Longitudinal Surveys of Interest in UK and Germany

- UK Household Longitudinal Study (UK HLS)
- German Socio-Economic Panel Study (SOEP)
- Olympic Cohort in UK
- Berlin Aging Study I and II
- Helmholtz Cohort
Important Conceptual Differences

- Household Panel Studies cover the full age range
- Household Panel Studies collect data about members of a household and about parents and children
- Cohort Studies follow the members of one or some original cohorts
Planungen in UK
http://www.esrcsocietytoday.ac.uk

Biomarkers in the proposed UK Longitudinal Household Study

Meena Kumari, Department of Epidemiology, University College London
Mike Wadsworth, Director, National Survey for Health and Development, UCL
Margaret Blake, National Centre for Survey Research
John Bynner, Director, Longview
Gert G. Wagner, Director, Socio-Economic Panel Study, Institute for Socio-Economic Research, Berlin
Concept US (UK)

- **Physical Specimens:** (cellular, biochemical, molecular) – blood, saliva..
- **Physical measurement:** anthropometry, spirometry, grip strength, blood pressure…
- **Behavioural:** cognitive testing, socio-emotional functioning, mental health, fitness and physical abilities
- **Diagnoses:** disease status, medical or diagnostic results – via record linkage (NHS, pensions, education..)
German Socio-Economic Panel Study (SOEP)

- Some biomarkers are in the SOEP
- Salavia samples are *pretested*
Biomarker in SOEP
Experience Sampling und cognitive testing

**Self Report**

- **Content?**
  - 1 (not at all)
  - 2
  - 3
  - 4 (very much)

- **Angry?**
  - 1 (not at all)
  - 2
  - 3
  - 4 (very much)

**Cognitive Task**

- 4 0
- 2 7
- +2
- 5
- ?
5. Handhabung des Wattestäbchens

8. **Zielperson spuckt Listerine in den Kollektor**

Anschließend spuckt die Zielperson die Mundspülung durch den trichterförmigen Aufsatz in den Kollektor.
Berlin Aging Study I and II

- Cohorts of people living in Berlin
- Genotyping is going on
Olympic and Helmholtz Cohorts

- In planning stage