

Total Survey Error Workshop

March 17-18, 2005

Bureau of Labor Statistics Conference Center, Rooms 1 & 2
2 Massachusetts Ave., NW
Washington D.C.

Sponsored by the National Institute of Statistical Sciences
in conjunction with the SAMSI program on [Latent Variable Models in the Social Sciences](#)

Thursday, March 17, 2005

7:30 AM **Continental Breakfast**

8:20 AM **Introductions and Welcome**

Paul Biemer, RTI International and UNC, Conference, Co-Chair
Jerome Reiter, Duke University, Co-Chair

8:30 AM **Total Survey Error: Past, Present, Future**, Robert Groves, University of Michigan

Discussion Leader: Martin Frankel, Abt Associates and Baruch College

9:20 AM **The Relevance of Total Survey Error Estimation for Federal Programs**, Clyde Tucker, Bureau of Labor Statistics

Discussion Leader: Lars Lyberg, Statistics Sweden

10:10 AM **Break**

10:40 AM **Nonsampling Error Research in Practice**, Michael Brick and Graham Kalton, Westat

Discussion Leader: Colm O'Muircheartaigh, NORC

11:30 PM **Lunch — On Your Own**

1:00 PM **Total Survey Error Models**, William Kalsbeek, University of North Carolina

Discussion Leader: Judith Lessler, RTI International

1:50 PM **Modeling Approaches**, Bruce Spencer, Northwestern University

Discussion Leader: Mary Mulry, Bureau of the Census

2:40 PM **Break**

3:10 PM **Some Model Approaches to More Interpretable Measures of Nonresponse Rates**, Fritz Scheuren, NORC

Discussion Leader: Roger Tourangeau, Joint Program in Survey Methodology

4:00 PM **Structural Equation Modeling Approaches for Estimating Reliability and Validity**,
Willem Saris, University of Amsterdam

Discussion Leader: Robert Fay, Bureau of the Census

4:50 PM **Adjourn**

Friday, March 18, 2005

7:30 AM **Continental Breakfast**

8:30 AM **Bayesian Methods for Estimating Survey Error**, Alan Zaslavsky, Harvard University

Discussion Leader: Elaine Zanutto, University of Pennsylvania

9:20 AM **Use of Multilevel Models in Survey Error Estimation**, Joop Hox, Utrecht University

Discussion Leader: Michael Elliott, University of Pennsylvania

10:10 AM **Break**

10:40 PM **Latent Class Analysis Approaches for Estimating Measurement Bias**, Paul Biemer, RTI and UNC

Discussion Leader: Michael Larsen, Iowa State University

11:30 PM **Lunch — On Your Own**

1:00 PM **Breakout Session to Discuss an Agenda for Future Research on Total Survey Error**

2:00 PM **Break**

2:30 PM **Reports from the Breakout Sessions and Discussion**

3:30 PM **Closing Remarks**

3:40 PM **Adjourn**