

PENNSTATE



**Cognition, Health & Aging:
Integrating Perspectives
Across Disciplines**

**Conference at Penn State University
October 30-31, 2009**

**Penn Stater Conference Center
University Park, PA**

*Co-organizers—Duane F. Alwin, Penn State University,
Scott M. Hofer, University of Victoria, Canada, and
Mark D. Hayward, University of Texas at Austin*

Cognition, Health & Aging: Integrating Perspectives Across Disciplines

Conference Schedule

All sessions to be held in Conference Room 109

Friday, October 30, 2009

Morning

7:00-8:00am Continental Breakfast (Outside Conference Room 109)

8:00am Welcome by Susan Welch, Dean of the College of the Liberal Arts, Pennsylvania State University

Introductory Remarks: Duane Alwin, Scott Hofer and Mark Hayward

8:15-10:00am **Session #1**

Session #1: The Challenge: Integrating Cognition and Healthspan

Presider and Discussant—Robert Wallace

Avron Spiro, Christopher B. Brady, Martin L. Albert, Pantel S. Vokonas—
Integrating Health into Cognitive Aging Research

Duane Alwin—Population Processes in Health, Cognition and Aging

Parminder Raina—Conceptual Frameworks and Design of the Canadian Longitudinal Study to Understand the Precursors, Mediators, and Consequences of Cognition

10:00-10:30am Break (Poster Session)

10:30am-12:15pm **Session #2**

Session #2: Measurement and Design Issues

Presider and Discussant—Scott Hofer

Daniel Bontempo & Andrea Piccinin—Issues in the Conceptualization and Operationalization of Healthy Aging

Eileen Crimmins—Assessment of Cognition using Surveys and Neuropsychological Methods

John Gallacher—The Challenge of Conducting Large-Scale Cognitive Studies in Older Populations

Jeffrey Kaye—Can't Ask, Can't Tell: Adopting Methods and Technologies Enabling Home Based Continuous Assessment of Cognitive and Health Status with Aging

12:15-1:30pm Lunch in the Garden's Restaurant of the hotel

Afternoon

1:30-3:15pm **Session #3**

Session #3: Biosocial Perspectives on Cognition and Health

Presider and Discussant: Martin Sliwinski

Holly Tuokko—Understanding Normal and Abnormal Cognition, and Interrelationships of Biopsychosocial Factors on Cognition in CLSA

Hélène Payette & Howard Bergman—Trajectories of Physical Capacity in Relation to Nutritional Risk and Depressive Symptoms in the NuAge Study

Stuart MacDonald & Roger Dixon—Linking Biological and Cognitive Aging: Improving Characterizations of Developmental Time

Robert Stawski & David Almeida—The Role of the HPA Axis in Cognitive Change during Adulthood

Brent Small—Cognitive Deficits in Preclinical Alzheimer's Disease: An Integrative Data Analysis Approach

3:15-3:45pm Break (Poster Session)

3:45-5:15pm **Session #4**

Session #4: Early Life Course Events and Exposures and Later-life Aging

Presider and Discussant: Mark Hayward

Marcus Richards and Diana Kuh—Early life, Mental Development, and Mental Aging

Mary N. Haan—Life Course Exposure to Education and Late Life Cognitive Performance: The Influence of Nativity and Migration

Ian Deary—Be Wise with Speed...Cognition and Information Processing through the Lifespan

Mark Hayward—Childhood Malnutrition and Cognitive Impairment in Older Adults

Evening at The Gamble Mill in Bellefonte for participants

6:00pm Bus pick up at front of hotel

6:30-7:30pm Reception

7:30-9:00pm Dinner

9:00pm Bus pick up at The Gamble Mill

Saturday, October 31, 2009

Morning

7:00-8:00am Continental Breakfast (Outside Conference Room 109)

8:15-10:00am **Session #5**

Session #5: Midlife Events and Exposures and Later-life Aging

Presider and Discussant: Linda Wray and Stephani Hatch

Christina Wolfson—Lifecourse Versus Midlife Trajectories of Cognition and its Implication for Design of Longitudinal Studies such as CLSA

Carlos Mendes de Leon & Lisa Barnes—Change in Social Mobility Predicts Cognitive Decline in Older Adults

Stefan Agrigoroaei & Margie E. Lachman—The Contribution of Psychosocial and Behavioral Factors to Cognitive and Physical Health

Teresa Seeman—Social Relationships & Cognition across the Adult Life Span

10:00-10:30am Break (Poster Session)

10:30am-12:15pm **Session #6**

Session #6: Population Processes, Health and Cognition

Presider and Discussant: Scott Lynch

Dorly Deeg—Is the Nature of Chronic Diseases Changing over Time?

Robert M. Hauser and Alberto Palloni—Is IQ a "Fundamental Cause" of Health, Cognitive Ability, Gender, and Survival?

John Mirowski—Cognitive Decline and the Default American Lifestyle: Trajectories and Trends

The conference officially ends at 12:15pm on Saturday, October 31. Lunch will be provided immediately after in the Garden's Restaurant of the hotel.

12:15-1:30pm Lunch at the Garden's Restaurant

For those participants staying Saturday evening, Duane and Linda will be hosting a get together at their home, to include Clem's BBQ and Penn State Football. Kick off is at 4:00pm, guests are invited to start arriving any time after 3:00pm! Transportation will be available and will pick up at the hotel lobby.

Conference Participants and Affiliations

Stefan Agrigoroaei, Brandeis University
David Almeida, Penn State University
Duane Alwin, Penn State University
Daniel Bontempo, University of Kansas
Eileen Crimmins, University of Southern California
Ian Deary, University of Edinburgh
Dorly Deeg, University of Amsterdam
John Gallacher, Cardiff University
Pierrette Gaudreau, Quebec Network for Research on Aging, Canada
Mary Haan, University of California, San Francisco
Stephani Hatch, Institute of Psychiatry, King's College London, UK
Robert M. Hauser, University of Wisconsin-Madison
Taissa S. Hauser, University of Wisconsin-Madison
Mark Hayward, University of Texas at Austin
Scott Hofer, University of Victoria, Canada
Jeffrey Kaye, Layton Aging & Alzheimer's Disease Ctr for Health & Healing, Portland
Scott Lynch, Princeton University
Stuart MacDonald, University of Victoria, Canada
Carlos Mendes de Leon, Rush University
John Mirowsky, University of Texas at Austin
Hélène Payette, Institut Universitaire de Gériatrie de Sherbrooke, Canada
Andrea Piccinin, University of Victoria, Canada
Parminder Raina, McMaster University
Marcus Richards, MRC Unit for Lifelong Health and Ageing, London, UK
Teresa Seeman, University of California—Los Angeles
Martin Sliwinski, Penn State University
Brent Small, University of South Florida
Avron Spiro, Boston University and Dept. of Veterans Affairs—Boston
Robert Stawski, Penn State University
Elliott Tucker-Drob, University of Texas at Austin
Holly Tuokko, University of Victoria, Canada
Robert Wallace, University of Iowa
Christina Wolfson, McGill University
Linda Wray, Penn State University

Sponsorship

National Academies Keck Futures Initiative—Health and
Healthspan in Longitudinal Studies of Aging (PI: Scott M. Hofer)

University of Victoria, British Columbia
Mohr Research Chair in Adult Development and Aging

University of Texas at Austin
Population Research Center (NICHD—R24 HD042849)
Centennial Commission Chair in the Liberal Arts

The Pennsylvania State University
Center on Population Health and Aging (NIA—P30 AG021203)
McCourtney Professorship in Sociology & Demography—College
of the Liberal Arts
Social Science Research Institute

Conference Committee

Duane F. Alwin, Penn State University

Scott M. Hofer, University of Victoria, Canada

Mark D. Hayward, University of Texas at Austin

Linda A. Wray, Penn State University

Alyson M. Otto, CPHA Staff Assistant