

12th Graylyn Conference on Women's Cognitive Health
**Improving the Trajectory of Cognitive Aging in Women through
Innovative Translational Research
October 14-16, 2009**

WEDNESDAY, October 14

4:00 – 8:00 pm **Registration**

6:00 – 7:00 pm **Social**

7:00 – 9:00 pm **Dinner**

THURSDAY, October 15

8:00 am **Welcome & Introductory Remarks**, Mary Lou Voytko, PhD, Professor, Department of Neurobiology & Anatomy, Director, Women's Health Center of Excellence for Research, Leadership, Education, Wake Forest University School of Medicine

8:15 am **Women, Aging & Cognition: The Larger Context**, Jacqui Smith, PhD, Professor of Psychology, Research Professor, Institute for Social Research, University of Michigan

8:45 am **Session 1: Different Methods Yield Different Results: Why?**
Chair: Sally Shumaker, PhD, Senior Associate Dean for Research, Professor, Department of Social Sciences & Health Policy, Division of Public Health Sciences, Wake Forest University School of Medicine

Research in Human Subjects: Observational Studies and Clinical Trials

Jacques Rossouw, MD, Chief, Women's Health Initiative Branch, DPPS, National Heart, Lung & Blood Institute, National Institutes of Health

Non-Human Primates: Social Stratification, Social Dominance and Atherosclerosis

Stephen Manuck, PhD, Distinguished University Professor of Health Psychology and Behavioral Medicine, Department of Psychology, University of Pittsburgh

Animal Models of Age-Related Executive Dysfunction

Michelle Nicolle, PhD, Associate Professor, Department of Internal Medicine, Section on Gerontology and Geriatric Medicine, and the Department of Physiology and Pharmacology, Wake Forest University School of Medicine

The Challenges of Trans-species Research

Dale Dagenbach, PhD, Professor and Chair, Department of Psychology, Wake Forest University

Discussion moderated by the Chair.

10:15 am **Break**

10:45 am

Session 2: Recent Findings on Hormones, Cognition and Aging

Chair: Roberta Diaz Brinton, PhD, R. Pete Vanderveen Chair in Therapeutic Discovery and Development, Professor of Pharmacology and Pharmaceutical Sciences, and Biomedical Engineering, Norris Foundation Laboratory for Neuroscience Research Director, USC STAR Science Education Program, University of Southern California

Hormone Therapy in Humans: Updates on Clinical Trials

Mark Espeland, PhD, Professor and Chair, Department of Biostatistical Sciences, Division of Public Health Sciences, Wake Forest University School of Medicine

Hormone Therapy: What is the Evidence for a Critical Period?

Victor Henderson, MD, MS, Professor, Departments of Health Research & Policy and Neurology & Neurological Sciences, Stanford University

Protective Actions of Ovarian Steroids in the Serotonin System of Macaques

Cynthia Bethea, PhD, Senior Scientist, Division of Reproductive Sciences, Oregon National Primate Research Center, Oregon Health & Science University

Hormones, Molecules, and Memory: Mechanisms Underlying Hormone-Induced Memory Consolidation in Young and Aging Rodents

Karyn Frick, PhD, Associate Professor, Department of Psychology, Yale University

The Role of Estrogens in Cognitive Preservation and Brain Protection from Acute Injury in Rats

James W. Simpkins, PhD, Professor and Chair, Department of Pharmacology & Neuroscience, University of North Texas Health Science Center at Fort Worth

Discussion moderated by the Chair.

12:30 pm

Lunch

WHIMS/WHISCA Advisory Board Lunch Meeting

2:00 pm

Session 3: Variability in Cognitive Aging

Chair: Robert Brunner, PhD, Associate Professor, Family & Community Medicine, University of Nevada Reno School of Medicine, Principal Investigator, Women's Health Initiative

Genetics & Cognitive Aging

David Bennett, MD, Director, Rush Alzheimer's Disease Center, Robert C. Borwell Professor of Neurological Sciences, Rush University Medical Center

Resilience and Cognitive Aging

Teresa Seeman, PhD, Professor of Medicine and Epidemiology, Department of Medicine – Geriatrics, UCLA

Sleep and Cognition in Older Women

Kristine Yaffe, MD, Associate Chair for Clinical and Translational Research, Professor, Departments of Psychiatry, Neurology and Epidemiology, University of California, San Francisco, Chief, Geriatric Psychiatry and Director, Memory Disorders Clinic, San Francisco VAMC

Cognitive and Comorbid Disease

Stephen Kritchevsky, PhD, Director, J. Paul Sticht Center of Aging, Professor, Section on Gerontology and Geriatric Medicine, Department of Internal Medicine, Wake Forest University School of Medicine

Rats & Monkeys: Individual Differences

Peter Rapp, PhD, Senior Investigator, Chief, Laboratory of Experimental Gerontology, National Institute on Aging, National Institutes of Health

Discussion moderated by the Chair.

3:45 pm **Break**

4:15 pm **Session 4: Enhancing Precision in Predicting Cognitive Decline**

Chair: Francine Grodstein, ScD, Associate Professor of Medicine, Channing Laboratory, Brigham and Women's Hospital

Neuropsychological Measures in Enhancing Prediction of Cognitive Decline

Kathleen A. Welsh-Bohmer, PhD, Professor, Department of Psychiatry, Director, Bryan Alzheimer's Disease Research Center, Duke University

Physiological Brain Imaging in the Elderly

Paul Laurienti, MD, PhD, Associate Professor, Department of Radiology, Director, Wake Forest University MD/PhD Program, Wake Forest University School of Medicine

Body Weight, Cognition and Brain Atrophy: Is There a Relation?

Ira Driscoll, PhD, Postdoctoral Fellow, Laboratory of Personality and Cognition, National Institute on Aging, National Institutes of Health

Integration of Measures to Detect MCI

Oscar L. Lopez, MD, Professor of Neurology & Psychiatry, University of Pittsburgh

Discussion moderated by the Chair.

5:45 pm **Poster Exhibit Preparation**

6:00 pm **Poster Exhibit & Social Hour**

7:00 pm **Dinner**

FRIDAY, October 16

8:00 am **Introductory Remarks**, Mary Lou Voytko, PhD, Professor, Department of Neurobiology & Anatomy, Director, Women's Health Center of Excellence for Research, Leadership, Education, Wake Forest University School of Medicine

8:15 am **Session 5: Translating Research to Community Health Policy**
Chair: David Goff, MD, PhD, Professor and Chair, Department of Epidemiology & Prevention, Division of Public Health Sciences, Professor of Internal Medicine, Wake Forest University School of Medicine

Cultural Background, Health Disparities & Cognitive Aging

Peggye Dilworth-Anderson, PhD, Professor, Health Policy & Management, Gillings School of Global Public Health, Associate Director, UNC Institute on Aging, University of North Carolina

Is Dementia an Inevitable Outcome of Aging?

Lewis H. Kuller, MD, DrPH, Distinguished University Professor of Public Health, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh

Implications for Current Health Policy

Walter H. Ettinger, MD, MBA, President, UMass Memorial Medical Center, Associate Vice-Provost for Clinical and Population Health Research, Professor of Medicine, University of Massachusetts Medical School

Changing Clinical Behavior: Implementing Guidelines to Improve Primary Care Practice

Elizabeth Dugan, PhD, Associate Professor, Gerontology Institute and Department, McCormack Graduate School of Policy Studies, University of Massachusetts

Working with Large, Extant Datasets – What Can We Learn?

Ann M. Geiger, MPH, PhD, Associate Professor and Head, Section on Healthcare Systems and Policy, Department of Social Sciences and Health Policy, Division of Public Health Sciences, Wake Forest University School of Medicine

Discussion moderated by the Chair.

10:00 am **Break**

10:30 am **Open Discussion: Improving the Trajectory of Cognitive Aging in Women**
Chair: Stephen Rapp, PhD, Professor, Department of Psychiatry & Behavioral Medicine, Wake Forest University School of Medicine

Discussants:

Marilyn Albert, PhD, Professor of Neurology, Johns Hopkins University
Alain Bertoni, MD, MPH, Associate Professor, Department of Epidemiology and Prevention, Division of Public Health Sciences, Section of General Internal Medicine, Department of Internal Medicine, Wake Forest University School of Medicine

12:00 pm **Concluding Remarks**, Mary Lou Voytko, PhD, Professor, Department of Neurobiology & Anatomy, Director, Women's Health Center of Excellence for Research, Leadership, Education, Wake Forest University School of Medicine

12:15 pm **Lunch**