AGENDA

TUESDAY, NOVEMBER 12, 2019

8:00 a.m. – 11:45 a.m.
PRE-WORKSHOP SESSION: AGING RESEARCH FOR EARLY CAREER INVESTIGATORS

1:00 - 1:30 p.m.
WELCOME, OVERVIEW, AND GOALS OF THE WORKSHOP

Stephen Kritchevsky, PhD
Wake Forest University

Dana Plude, PhD
National Institute on Aging

Stephanie Lederman
American Federation for Aging Research

1:30 – 2:00 p.m.
PLENARY

The NIA Landscape for Resilience Research
Lis Nielsen, PhD
National Institute on Aging

Basil Eldadah, MD
National Institute on Aging

Francesca Macchiarini, PhD
National Institute on Aging

Chhanda Dutta, PhD
National Institute on Aging

TOPIC 1: CONTRIBUTORS TO RESILIENCE AND RESERVE
Moderator: Jacqui Smith, PhD, University of Michigan

2:00 - 2:15 p.m.
Biology of Resilience
Adam Salmon, PhD
University of Texas Health Science Center at San Antonio

2:15 – 2:30 p.m.
Early Life Experiences - Preconditioning
Frances Champagne, PhD
University of Texas at Austin

2:30 – 2:45 p.m.
Social Network Influence on Resilience/Reserve
Cindy Bergeman, PhD
University of Notre Dame

2:45 – 3:00 p.m.
Existing Data Resource for the Study of Resilience
Brent Roberts, PhD
University of Illinois Urbana-Champaign

3:00 – 3:20 p.m.
Moderator Wrap-up/Group Discussion

3:20 – 3:35 p.m.
BREAK
TOPIC 2: OPERATIONALIZING RESERVE IN THE CONTEXT OF SOCIAL ADVERSITY

Moderator: Carlos Mendes de Leon, PhD, University of Michigan

3:35 – 3:50 p.m. Erosion of Reserve by Chronic Stress
Elissa Epel, PhD via Zoom Meetings
University of California, San Francisco

3:50 – 4:05 p.m. Physical Capacity Across Social Strata (or Ethnicities)
Michelle Odden, PhD
Stanford University

4:05 – 4:20 p.m. Socioeconomic Disparities in Cognitive Reserve
Tara Gruenewald, PhD, MPH
Chapman University

4:20 – 4:35 p.m. Economic Reserves and Their Effect on Quality of Life
Michael Hurd, PhD
RAND Corporation

4:35 – 4:55 p.m. Moderator Wrap-up/Group Discussion

4:55 p.m. ADJOURN DAY 1

6:00 - 9:00 p.m. NETWORKING RECEPTION

WEDNESDAY, NOVEMBER 13, 2019

8:30 - 8:45 a.m. RECAP OF DAY 1 AND GOALS FOR DAY 2
Stephen Kritchevsky, PhD
Wake Forest University

8:45 - 9:15 a.m. PLENARY

Evolution of Concepts on Reserve and Resilience in Aging and Dementia
Prashanthi Vemuri, PhD
Mayo Clinic

TOPIC 3: RESILIENCE: BOUNCING BACK FROM SURGERY

Moderator: Kenneth Schmader, MD, Duke University Medical Center

9:15 – 9:30 a.m. Animal Models of Recovery from Surgery
Nathan LeBrasseur, PhD
Mayo Clinic

9:30 – 9:45 a.m. The Complexity of EEG Signals Before and During Surgery May Predict Post-Operative Attention
Lewis A. Lipsitz, MD
Hinda and Arthur Marcus Institute for Aging Research

9:45 – 10:00 a.m. Physical Recovery from Planned Surgery
Cathleen Colon-Emeric, MD
Duke University

10:00 – 10:15 a.m. What Personalities Bounce Back from Illness?
Anthony Ong, PhD
Cornell University
10:15 – 10:35 a.m. Moderator Wrap-up/Group Discussion

10:35 – 10:50 a.m. BREAK

10:50 – 11:05 a.m. Exercise
Marcas Bamman, PhD
University of Alabama at Birmingham

11:05 – 11:20 a.m. Caloric Restriction
Valter Longo, PhD
University of Southern California

11:20 – 11:35 a.m. Mindfulness
Kirk Brown, PhD
Virginia Commonwealth University

11:35 – 11:50 a.m. Biostatistics
Ravi Varadhan, PhD
Johns Hopkins University

11:50 a.m. – 12:10 p.m. Moderator Wrap-up/Group Discussion

12:10 – 12:30 p.m. WRAP-UP SESSION

12:30 p.m. ADJOURN