Schedule of Events

Thursday May 3

2:00 pm – 5:00 pm  Conference Sign-In Begins
5:00 pm – 5:15 pm  Welcoming and Opening Remarks
5:15 pm – 6:45 pm  Symposium Session 1: Risk and Protective Factors for Cognitive Decline: New Insights from Longitudinal Studies
6:45 pm – 7:45 pm  Keynote: From Satisficing to Optimizing: The Future of Cognitive Aging
7:45 pm – 8:45 pm  Welcome Reception

Friday May 4

8:00 am – 10:00 am  Poster Session B
10:00 am – 10:30 am  Coffee Break
10:30 am – 12:30 pm  Symposium Session 2: Cognition and the Aging Brain: Maintenance, Reserve and Compensation
12:30 pm – 2:00 pm  Lunch
2:00 pm – 4:00 pm  Plenary Session 1: Individual Differences
4:00 pm – 6:00 pm  Poster Session C
6:00 pm – 7:30 pm  AARP Roundtable: Translation and Dissemination of Cognitive Aging Research Round Table
7:30 pm – 8:30 pm  AARP Reception

Saturday May 5

8:00 am – 10:00 am  Poster Session D
10:00 am – 10:30 am  Coffee Break
10:30 am – 12:30 pm  Plenary Session 2: Memory
12:30 pm – 2:00 pm  Lunch
2:00 pm – 4:00 pm  Symposium Session 3: Prosocial Tendencies across the Adult Life Span: Cognitive, Motivational, and Neural Factors
4:00 pm – 4:30 pm  Refreshment Break
4:30 pm – 6:30 pm  Symposium Session 4: Cognitive and neural plasticity in older age: Mechanisms of change in cognitive training interventions
6:30 pm – 8:30 pm  Poster Session E

Sunday May 6

8:00 am – 10:00 am  Poster Session F
10:00 am – 10:30 am  Coffee Break
10:30 am – 12:30 pm  Symposium Session 5: New Insights on the Role of Strategies in Cognitive Aging
Symposium Session 1  Thursday May 3 (5:15 pm – 6:45 pm)

Risk and Protective Factors for Cognitive Decline: New insights from Longitudinal Studies

Overview Speaker
Anja Soldan, Department of Neurology, Johns Hopkins University School of Medicine

Cognitive Decline in Preclinical Alzheimer’s Disease
Elizabeth Mormino, Neurology & Neurological Sciences, Stanford University

Amyloid/Tau/Neurodegeneration (ATN) Profiles Among Cognitively Normal individuals and their Cognitive Outcomes
Anja Soldan, Department of Neurology, Johns Hopkins University School of Medicine

Predictors of Neurodegeneration in Cognitively Healthy and Subsequently Impaired Older Adults
Nicole Armstrong, Laboratory of Behavioral Neuroscience, National Institute on Aging, National Institutes of Health, Baltimore, MD

Relationship Between Self-Reported Lifestyle Activities and Longitudinal Cognitive Change
Corinne Pettigrew, Department of Neurology, Johns Hopkins University School of Medicine
Keynote Session

From Satisficing to Optimizing: The Future of Cognitive Aging

Neil Charness, Department of Psychology, Florida State University

Welcome Reception
1: Temporal Processing of Speech in Aging: A Gap Detection Study in French  
Sandra Schwab, Université de Genève / Universität Zürich

2: Relationship Between Diffusion Tensor Imaging Metrics and White Matter Hyperintensity Volume in Aging  
Stephanie Matijevic, University of Arizona

3: Age Group Differences in Whole-Brain Substrates of Mnemonic Discrimination  
Jenna L. Klippenstein, University of California, Riverside

4: Identifying Mild Cognitive Impairment Before Age 60: Validation with an Alzheimer’s Disease Polygenic Risk Score  
William S. Kremen, University of California, San Diego

5: Prior Knowledge and Evidence Accumulation in the Inferior Temporal Cortex  
Jenny Autumn Walker, Georgia Institute of Technology

7: Frontoparietal Activation During Visual Feature Search: Drift-Diffusion Model Components and Age-Related Differences  
David J. Madden, Brain Imaging and Analysis Center, Duke University Medical Center

8: Frontal Structural Neural Correlates of Processing Speed Performance in Older Adults  
Molly McLaren, Center for Cognitive Aging and Memory, Department of Clinical and Health Psychology, University of Florida

9: Elevated Blood Pressure interacts with Regional Cerebral Blood Flow to Impact Executive Function and Episodic Memory in A Lifespan Sample of Healthy Adults  
Chen Gonen, Center for Vital Longevity, School of Behavioral and Brain Sciences, the University of Texas at Dallas

10: Variability in BOLD Response During N-Back increases with Age and Difficulty Level and is Detrimental to Performance  
Kristen M. Kennedy, Center for Vital Longevity, School of Behavioral and Brain Sciences, the University of Texas at Dallas

11: Are Older Adults Always More Susceptible to Fraud Than Younger Adults? an investigation into A Mass Marketing Scam  
Patricia Xi, Claremont Graduate University

12: False Memory for Associatively and Categorically Related Lists in Younger and Older Adults  
Jen Coane, Colby College
13: The Effects of Hearing Loss and Amplification on Cognitive Screening Test Scores
Laura Gaeta, College of Health and Human Services at California State University, Sacramento

14: Does Video-Manual Have Benefits for Older Adults?: Experimental Study with Assembling Tasks
Rin Kawakami, College of Psychology, School of Human Sciences, Tsukuba University

15: Occupation Exposures and Brain Aging: Can Your Job Shrink Your Brain?
Yuqin Jiao, Colorado State University

16: Reference-Ability Neural Networks Across the Adult Life Span
Christian Habeck, Columbia University

17: Functional Activation, and Not White Matter integrity, Contributes to Age-Related Differences in Vocabulary
Yunglin Gazes, Columbia University Medical Center

18: Individual Differences in Preferences for Skewed Risks Across Adulthood
Kendra Seaman, Duke University

21: Racial-Ethnic Differences in Self-Reported Cognitive Decline in Older Adults
Charles Ellis, East Carolina University

22: Neural Encoding Differences in Older Adults’ Associative Memory
Kayla E. McGraw, Elon University

23: Exploring Visual Search as a Paradigm for Predicting Medication Errors
Erin Harrell, Florida State University

24: Investigating the Potential of Digital Home Assistants to Promote Physical Activity and Social Engagement for Older Adults
Sean A. McGlynn, Georgia Institute of Technology

25: Overview of the Neuropsychology Battery of the Canadian Consortium for Neurodegeneration in Aging (CCNA) COMPASS-Nd Study
Natalie Phillips, Concordia University

26: Relationship of Pure-Tone and Speech-in-Noise Measures of Hearing to Scores on the Montreal Cognitive Assessment Scale (Moca)
Natalie Phillips, Concordia University

27: Sequential Modulations of Executive Control Processes: an Aging Study in Dot Comparison Tasks.
Angélique Roquet, Laboratoire de psychologie cognitive, CNRS (Aix-Marseille Université)
28: **Cue-Evoked Alpha Phase Dynamics Influence Subsequent Stimulus-Processing in Younger and Older Adults**
Myriam C. Sander, *Max Planck Institute for Human Development, Berlin, Germany*

29: **Inhibitory and Lexical Frequency Effects in Older and Younger Adults' Spoken Word Recognition**
Sarah Colby, *McGill University*

30: **The Influence of Different Variables on the Response Time in Working Memory**
Yu-Yao Chang, *Neural Cognitive Mapping Project, University of Ottawa*

31: **Age Differences in Memory for News Headlines**
Allura F. Lothary, *North Carolina State University*

32: **Central Auditory Processing Versus Cognition Among Older Adults**
Sarah A. Blackstone, *Psychiatry and Behavioral Neurosciences, University of South Florida, Tampa, FL*

33: **Role of Stereopsis Losses in Older Adults’ Motion Estimates**
Marlena Pearson, *Ryerson University*

34: **Neuropsychological Functioning Following Mild Traumatic Brain injury with Loss of Consciousness: Social Support as a Moderator of Long-Term Outcomes**
Vanessa Taler, *School of Psychology, University of Ottawa, Ottawa, ON, Canada*

39: **Power Pose Perceptions: Proprioception Mediates Age-Differences in Self-Reported Power**
Jennifer Turner, *the University of Akron*

40: **False Memory and Aging: The Role of Cognitive Reserve in Young-Old and Old-Old Adults**
Tasnuva Enam, *the University of Alabama*

41: **Age-Related Susceptibility in Cyber Social-Engineering Attacks**
Paul Talty, *the University of Florida*

42: **Web Navigation in Young and Older Adults: Effects of Prior Domain Knowledge and Task Complexity**
Mathilde Sacher, *UMR CNRS 5263, University of Toulouse, France*

43: **User Perspectives of Conversational Agents Across Lifespan: Being Assistive, But Not Too Smart**
Jessie Chin, *University of Illinois at Chicago*
44: Search for Health Information Across the Lifespan: Validation, Confirmation Or Learning
Jessie Chin, University of Illinois at Chicago

45: Who Worries About Dementia? Examining the Influence of Knowledge and Exposure
Molly Maxfield, University of Colorado Colorado Springs

46: Interest in Dementia Testing: Understanding the Roles of Family History, Dementia Worry, and Coping Style
Molly Maxfield, University of Colorado Colorado Springs

47: Effects of Bilateral Frontal tDCS on the Working Memory Network: An fMRI-tDCS Study in Healthy Older Adults
Nicole R. Nissim, University of Florida

48: Exercise Training Related Changes in Verbal Fluency in Healthy Older Adults and Mild Cognitive Impairment
J. Carson Smith, University of Maryland

49: Decision Making in Technology Adoption Among Older Adults
Ronald W. Berkowsky, University of Miami School of Medicine

50: Emotional Enhancement in Long Term Memory
Farooq Kamal, University of Ottawa

51: Dual-Task interference in Cognition and Postural Control: The Role of Modality Mappings
Michael A. Rapp, University of Potsdam, Potsdam, Germany

52: Own-Age Biases in the Neural Correlates of Passively Viewing Faces
Joshua D. Koen, University of Texas at Dallas

53: Cohort Differences in Cortical Thicknesses: Findings from Seattle Longitudinal Study
Sherry L. Willis, University of Washington

54: Atypical Localization and Dissociation Between Glucose Uptake and Amyloid Deposition in Cognitively-Normal APOE*E4 Homozygotes
Jose V. Pardo, VAMC & University of Minnesota

55: The Dynamics of Event Model Construction and Updating
Jeffrey M. Zacks, Washington University in St. Louis

56: Cortical Speech Processing in Young and Older Adults’ Perception of Spoken Words: Evidence From fMRI
Chad S. Rogers, Washington University in St. Louis
59: Judging Truth Through “Rose-Tinted Glasses”: Reliance on Affect with Age
Nadia M Brashier, Duke University

60: Age Effects on Ventral Visual Pathway Representations: Evidence for Dedifferentiation and Hyperdifferentiation
Zachary A. Monge, Duke University

61: Control Beliefs and Response Time Inconsistency in Older Adults: Within- and Between-Person Associations
Eric S. Cerino, School of Social and Behavioral Health Sciences, Oregon State University

62: Investigating A Functional Connectivity-Based Neuromarker of Attention in Older and Younger Adults
Stephanie Fountain-Zaragoza, The Ohio State University

63: Differentiating True and False Schematic Memory in Older Adults
Christina E. Webb, The Pennsylvania State University

64: Increasing Comfort with Technology and Community Engagement Among Older Adults and individuals with Developmental Disabilities
Cassandra J. Richards, The University of Akron

65: Effects of Task Complexity, Video Game Learning and Aging on Task-Related Functional Connectivity of Attentional Networks
Margaret A. O'Connell, University of Texas at Dallas

66: E-Mail Scam Detection and Cognitive Performance in Younger and Older Adults
Rebecca A. Judges, University of Toronto
Symposium Session 2

Cognition and the Aging Brain: Maintenance, Reserve and Compensation

**Overview Speaker**
Maria Natasha Rajah, *Department of Psychology, McGill University*

**Brain Maintenance**
Lars Nyberg, *Department of Radiation Sciences, Umeå University, S-90197 Umeå, Sweden; Department of Integrative Medical Biology, Umeå University, S-90197 Umeå, Sweden; Umeå Center for Functional Brain Imaging (UFBI), Umeå University, S-90197 Umeå, Sweden*

**Compensation-Related Utilization of Neural Circuits (Hypothesis) Across the Life Span**
Patricia A. Reuter-Lorenz, *Department of Psychology, University of Michigan, Ann Arbor*

**Compensation in the Aging Brain: Networks and Representations**
Roberto Cabeza, *Center for Cognitive Neuroscience, Duke University*

**Age-Related Differences in the Neural Correlates of Cognitive Processing: From Description to Interpretation**
Michael D. Rugg, *Center for Vital Longevity and School of Behavioral and Brain Sciences, University of Texas at Dallas*

**Discussant**
Maria Natasha Rajah, *Department of Psychology, McGill University*
Plenary Session 1  
Friday May 4 ( 2:00 pm – 4:00 pm )

Individual Differences

**Overview Speaker**
William S. Kremen, *University of California, San Diego*

**Generational Effects for School Performance and Educational Attainment as Early-Life Predictors of Age-Related Memory Decline**
Sara Pudas, *Department of integrative Medical Biology, Umeå University*

**Change in Bold Modulation to Difficulty in Cognitively Normal Middle-Aged and Older Adults: Nonlinear Effects of Beta-Amyloid**
Chris M. Foster, *Center for Vital Longevity, School of Behavioral and Brain Sciences, the University of Texas at Dallas*

**Markers of Olfactory Memory As Predictors of Future Dementia: Comparisons to Episodic and Semantic Memory for Verbal information**
Erika J. Laukka, *Aging Research Center, Karolinska Institutet, Stockholm, Sweden*

**Multiple Brain Markers Mediate Age-Related Changes in Cognition**
Trey Hedden, *Massachusetts General Hospital, Harvard Medical School*
1: Inhibitory Control Moderates the Relationship Between Sleep and Depression in Older Adults  
   David M. Brush, University of Central Florida

2: Rumination Moderates the Relationship Between Cerebrovascular Burden and Depression  
   Manuel Herrera, University of Central Florida

3: Combining Cognitive Markers to Identify individuals at Increased Dementia Risk  
   Nicola Maria Payton, Aging Research Center, Department of Neurobiology, Care Sciences and Society, Karolinska Institutet, Stockholm

4: The Relationship of Positive and Negative Emotionality to Cognitive Decline During Late Middle Age  
   Kristy Cuthbert, Boston University

5: Polygenic Scores for intelligence Predict Cognitive Change During Four Decades of Adulthood  
   Michael J. Lyons, Boston University

6: Neurodevelopmental Disorders in Middle Age Twins: Effects on Cognitive Ability and Mild Cognitive Impairment Status  
   Rosemary Toomey, Boston University

7: The Association Between Physical Functioning and Cognitive Ability in A Middle-Aged Twin Cohort  
   Ruth E. McKenzie, Boston University

8: Executive Function Performance Associated with Tau Accumulation in Individuals with Autosomal Dominant Alzheimer’s Disease  
   Joshua T Fuller, Boston University & Massachusetts General Hospital

9: Influence of Self-Referential Mode on Memory for aMCI Patients  
   Wanbing Zhang, Brandeis University

10: The Relationship of Sleep Quality to Objective and Subjective Cognitive Measures in Older Adults  
    Michael Sanchez, California State University, Fullerton

11: Improvement in Vision, Cognition, and Neuropsychiatric Symptoms Following Cataract Surgery in Subjects with Dementia  
    Grover C. Gilmore, Case Western Reserve University
12: Selective Study Enrollment and Generalizability in Cognitive Aging Research
Maria Josefsson, CEDAR, Umea University, Sweden

13: Can Intraindividual Variability in Cognitive Speed Be Reduced by Physical Exercise? Results From the LIFE Study
Allison A. M. Bielak, Colorado State University

14: The Role of Cognition in Hearing Loss and Mobility Among Older Adults with Age-Related Hearing Loss
Halina Bruce, Concordia University

15: Low Cholesterol Level Linked to Reduced Cognitive Performance and Brain Atrophy
Xiong Jiang, Department of Neuroscience, Georgetown University Medical Center

16: Associations Between Personal Support and Cognitive Change in Late Middle Age
Hillary L. Ditmars, Department of Psychological and Brain Sciences, Boston University, Boston, MA

17: Reliability of the Correlative Triad Among Aging, Dopamine, and Cognition
Eric J. Juarez, Department of Psychology and Neuroscience, Duke University

18: Safety of Chronic Intranasal Oxytocin Administration and Functional Benefits in Aging
Dinia Salmeron, Department of Psychology, University of Florida, Gainesville, FL, USA

19: Anterior and Posterior Memory System Functional Connectivity and Working Memory Performance in Subjective Memory Complaints
Raymond P. Viviano, Department of Psychology, Wayne State University, Detroit, US; Institute of Gerontology, Wayne State University, Detroit, US.

20: The influence of Participant and Intervention Characteristics on Adherence to Technology-Based Cognitive interventions
Erin R. Harrell, Florida State University

21: The Influence of Habitual Sleep Patterns on Memory Performance
Emily Hokett, Georgia Institute of Technology

22: Life Course Activity Participation and Cognitive Ageing: the Lothian Birth Cohort 1936
Alan Gow, Heriot-Watt University, Edinburgh, UK

23: Early Life Enrichment Predicts Hippocampal and Amygdala Volumes in Older Adulthood.
Kyle Moored, Johns Hopkins Bloomberg School of Public Health
24: Joint Associations of Hearing Loss and APOE E4 Genotype on Risk of Dementia and Cognitive Decline in the Health ABC Study
Jennifer A. Deal, Johns Hopkins University

25: Enriching Early Life Activities to Build Cognitive Reserves and Combat Health Disparities
Thomas Chan, Johns Hopkins University

26: Engagement of an Episodic Encoding Network Predicts Mnemonic Discrimination Performance in Younger but Not Older Adults
Michael A. Rupp, LANI LAB, University of California, Riverside

27: Daily Stress and Cognition: the Moderating Role of Education
Shenghao Zhang, North Carolina State University

28: Intraindividual Variability in Device Preference on Naturalistic Cognitive Testing Performance
Shevaun D. Neupert, North Carolina State University

29: The Effects of Acute Psychosocial Stress on Executive Functioning: A Comparison Between Younger and Older Adults
Leen Nasser, Ryerson University

30: Socioeconomic Indicators Or Reverse Causation? Reexamining Predictors of Midlife Cognitive Ability
Asad Beck, San Diego State University

31: Age Differences in Psychological Inertia
Sarah Barber, San Francisco State University

32: Genetic and Environmental Architecture of Processing Speed Across Midlife
Mark Sanderson-Cimino, SDSU/UCSD Joint Doctoral Program in Clinical Psychology

33: Family History of Alzheimer’s Disease Reveals Hippocampal Abnormalities in Young Adulthood
Sarah Letang, the University of Alabama

34: Associations Between Loneliness, Social Isolation, and Health in Older Adults
Rachel Chudoba, the University of Arizona

38: Do Patterns of Responding on an Associative Memory Task Change with Age?
Elyse J. Carlson, Georgia Institute of Technology

39: The Genetic and Environmental Contributions Between Smoking Behaviors and Cognitive Functioning in Mid- and Late-Life
Shandell Pahlen, University of California- Riverside
40: Genetic and Environmental Influences on Processing Speed and Episodic Memory: Findings From the Vietnam Era Twin Study of Aging
Matthew S. Panizzon, University of California San Diego

41: Broad Learning is Related to Cognitive Abilities in Older Adulthood
Shirley Leanos, University of California, Riverside

42: Genetic and Environmental Influences on Verbal Fluency in Middle Age: A New Framework
Daniel E. Gustavson, University of California, San Diego

43: Visual Spatial Reasoning Predicts Visual Episodic Memory Change From Midlife to Late Midlife Largely via Genetic Pathways
Chandra A. Reynolds, University of California, Riverside

44: APOE influences on Cognition From Middle Childhood to Middle Adulthood
Chandra A. Reynolds, University of California, Riverside

45: APOE-4 Exerts Varied Effects on Dementia Risk and Age of on set Between Sexes: The Aging, Demographics, and Memory Study.
Rosanna Scott, University of Central Florida

46: Predictors of Dementia Worry in Health and Retirement Study Respondents
Laura M Lathrop, University of Colorado Colorado Springs

47: Semantic Relatedness Ameliorates the Age-Related Binding Deficit in Working Memory and Episodic Memory
Sabina Srokova, University of Essex

48: A Qualitative Approach to Understanding Older Adults’ Antihypertensive Medication Management
Kenneth A. Blocker, University of Illinois at Urbana-Champaign

49: The Effects of Geographical Region on Health-Related Quality of Life in A Sample of Older Adults in Costa Rica
Mirjana Ivanisevic, University of Kansas, Psychology Department

50: Premature Return to Demanding Activities Following Mild Traumatic Brain Injury is Predominantly Motivated by Internal Pressure
Emma Gootee, University of New Hampshire

51: Gender Differences in Cognitive Abilities From Early Adulthood Into Old-Age
Kaarin J. Anstey, University of New South Wales
52: Bilingualism as a Predictor of Executive Functioning Among Older Adults
Hillary Rouse, University of South Florida

55: The Impact of Job Strain on Cognition in a Puerto Rican Sample
Taylor Drury, University of South Florida

56: Gaming Habits and Attitudes in Young and Old As Predictors of Novel Game Learning.
Evan T. Smith, University of Texas at Dallas

57: How Specific is Domain-Specific Processing Speed
Cynthia Flores, Washington University in St. Louis

58: Exercise Engagement and Longitudinal Change in Regional Brain Structure and Cognitive Functioning
Marta Stojanovic, Washington University in St. Louis

59: An Agile Development Cycle of an Online Memory Program for Older Adults
Iris Yusupov, York University

60: Accuracy of the Montreal Cognitive Assessment (MoCA) in Detecting Cognitive Impairment Following Stroke
K.B. Zaidi, York University

61: Systemic Inflammation Mediates Age-Related Cognitive Decline
Gene A. Liu

62: Cognitive Interventions Reduce the Likelihood of Falling
Kyle Rhoads Kraemer, University of Alabama

63: The Role of Personality in A Regular Cognitive Monitoring Program
Nasreen A. Sadeq, University of South Florida

64: Practice Effects on Verbal Memory, Logical Memory, and Speed of Processing Predict Future Scores
Taylor Atkinson, University of South Florida

65: Multilevel Discourse Analysis in Participants with A Cognitive Impairment Associated with Alzheimer’s Disease
Stephen Kintz, University of Arkansas at Little Rock

66: Testing Cognitive Reserve and Environmental Selection Hypotheses for Cognitive Performance
Brittany Trubenstein, University of California - Riverside
Translation and Dissemination of Cognitive Aging Research

**Introduction**
Sarah Locke  
*Senior Vice President, Policy, Research and International, AARP*  
*Executive Director, Global Council on Brain Health*

**Panelists**
Marilyn Albert  
*Johns Hopkins University*  
Chair of Global Council on Brain Health  
Institutes of Medicine Committee Member

Lee Dockery  
*McKnight Brain Institute*  
*Institutes of Medicine Report co-sponsor*

Lisa McGuire  
*Centers for Disease Control and Prevention*  
*Global Council on Brain Health Liaison,*  
*Institutes of Medicine Report co-sponsor*

Jacobo Mintzer,  
*Roper St. Francis*  
*Governance Committee of Global Council on Brain Health*

George Rebok  
*Johns Hopkins University*  
*Issue Expert, Global Council on Brain Health*

Molly Wagster,  
*National Institute on Aging*  
*Global Council on Brain Health Liaison*  
Institutes of Medicine Report co-sponsor

AARP-Sponsored Reception  
Friday May 4 ( 7:30 pm – 8:30 pm )
1: Effects of Diabetes on the Financial Management Abilities of Older Adults
Sheila Black, University of Alabama

2: Age-Related Changes in Word Retrieval Vary by Self-Reported Symptoms of Anxiety
Lori James, University of Colorado Colorado Springs

3: Effects of Age and Stroke on Sentence Complexity While Walking: Effects of Task Prioritization and Distraction
Lori J. P. Altmann, University of Florida

5: Age-Related Differences in Spatial Learning and Neural Activations in the Early Phase of Reference Memory Acquisition in A Virtual Morris Water Maze Task
Jimmy Zhong, Georgia Institute of Technology

6: Network Degree Influences Picture Naming by People with Mild Cognitive Impairment
Nichol Castro, Georgia Institute of Technology

7: No Evidence That Foreign Language Acquisition Improves Cognitive Function in Older Adults
Rasmus Berggren, Aging Research Center, Karolinska Institutet, Solna, Sweden

8: None of My Business, Out of My Mind: Age Differences on Decision Process
Meijia Li, Beijing Normal University

9: The Effects of Self-Referential Encoding on Memory for Emotional and Neutral Information in Older and Younger Adults
Ryan T. Daley, Boston College

10: Age Differences in the Relationship Between Cortisol and Emotional Memory
Angela Gutchess, Brandeis University

11: The Effects of Expectation and Competition on the Speed of Speech Comprehension in Younger and Older Adults: an Eye-Tracking Study
Nicole D. Ayasse, Brandeis University

12: Influence of Narrative Content on Self-Referential Memory
Nishaat Mukadam, Brandeis University

13: Effects of Simultaneous Cognitive and Exercise Training on the Reduction of Fall Risks in Community-Dwelling Older Adults
Young-Hee Cho, California State University, Long Beach

14: Age Similarities in Emotional Visual Change Detection Ability
Maria J. Donaldson, Cleveland State University
15: Only Time Can Tell: Examining the Effects of Valence and Arousal in an Emotional Stroop Task in Older Adults
Samantha E. Tuft, Cleveland State University

16: Age-Related Differences Between Young and Older Adults in Visuo-Spatial Skills: Exploring the Role of Individual Characteristics
Elena Carbone, Department of General Psychology, University of Padova, Italy

17: Psychophysiological Markers Underlying the Affective Response to Acute Exercise in Older Adults
Timothy B. Weng, Department of Psychological and Brain Sciences, University of Iowa, Iowa City, IA

18: Self-Perceptions of Aging is Associated with Quality of Life and Mental Health Outcomes in Rural Community-Dwelling Older Adults
Kellie Brown, Department of Psychology, Idaho State University, Idaho, USA

19: Improving Self-Control and Emotion-Regulatory Capacity in Advanced Age: A Neurofeedback Approach
Samantha G. Smith, Department of Psychology, University of Florida, Gainesville, FL, USA

20: Cognition, Social Engagement, and Gender: Impact on Discourse
Hana Kim, East Carolina University

21: Is Episodic Memory Performance More Vulnerable to Depressive Affect in Older Adulthood?
Jong-Sung Yoon, Florida State University

22: The Aging Mind and the "Smiling" Chimpanzee: Anthropomorphic Responses in an Affective Priming Paradigm
Yi Feng, Colby College

23: Relational Integration and Associative Memory Deficits in Older Adults
Taylor James, Georgia Institute of Technology

24: The Effect of Aging on the Selective Processing of Affective Pictures: An ERP Study
Didem Pehlivanoglu, Georgia Institute of Technology

25: Focusing and Switching Attention to Refresh Representations in Working Memory Are Preserved in Older Age
Vanessa M. Loaiza, University of Essex

26: The Use of Attentional Refreshing in Working Memory and its Impact on Age-Related Differences in Episodic Memory
Gabriel Jarjat, University Savoie Mont-Blanc
27: Interrelationships Between Depressive Symptoms, Memory, and Prefrontal Surface Area in Middle-Aged to Older Adults
Andrew Gradone, Georgia State University

28: Depressive Symptom Dimensions Are Associated with Cerebellar Volumes Independent of Memory Performance
Hannah R. Michalak, Georgia State University

29: Age-Related Changes in Resolving Proactive Interference in Associative Memory
Brittany Corbett, Georgia Institute of Technology

Adrien Folville, GIGA-CRC in-Vivo Imaging, University of Liège, Liège, Belgium

31: Do People with Alzheimer’s Disease Improve with Repeated Testing? Unpacking the Role of Content and Context in Retest Effects
Alden L. Gross, Johns Hopkins Bloomberg School of Public Health

32: Use of Redundant Multimodal Stimuli to Facilitate Associative Memory in Older Adults
Reed Decker, Memory and Cognitive Aging Laboratory, University of Missouri

33: Age-Related Differences in Spatial Learning and Neural Activations During A Well-Practiced Phase in A Virtual Morris Water Maze
Kathy R. Magnusson, Oregon State University

34: Age Differences in Motivated Attention: Behavioral and ERP Evidence
Farrah Kudus, Ryerson University

37: The Impact of Arousal on the Positivity Effect in Younger-Old and Older-Old Adults
Noelle Lopez, San Francisco State University

38: Age, and Divided Attention in Younger Adults Reduces Memory for Focal information More Than Non-Focal information
William Blake Erickson, Texas A&M University - Commerce

39: Attentional Modulation of Preference Judgments in Young Adults and Healthy Older Adults
Rebecca G. Deason, Texas State University

40: fMRI and Upper-Extremity Function: the Effect of Dual-Tasking
Ying-Hui Chou, the University of Arizona Center on Aging, Division of Geriatrics, College of Medicine
41: Age-Related Changes in Temporal Processing Mechanisms of Speech Production and Hand Movement: An ERP Study
Karim Johari, University of South Carolina

42: Hippocampal and Striatal Gray Matter Integrity Differentially Relate to Age and Mnemonic Discrimination
Anu Venkatesh, University of California, Riverside

43: Aging Enhances a Distractor Negativity Bias in Picture-Word Interference
Katherine K. White, Rhodes College

44: An Exploration of Older Adults’ Emotional Language Use in Lifespan Narratives
Katherine K. White, Rhodes College

45: Age-Similarities in Discrete Emotions in Negative Autobiographical Events
Lucas Hamilton, Cleveland State University

46: Age Effects in the Regulation of Negative Autobiographical Memories
Lucas Hamilton, Cleveland State University

47: Age Differences in Processing Framed Health Messages Depend on Both Linguistic and Emotional Mechanisms
Xiaomei Liu, University of Illinois Urbana-Champaign

48: Cardiorespiratory Fitness in Older Adults Predicts Place Learning, but Not Response Learning in Virtual Spatial Navigation Task
Rachel Clark, University of Iowa, interdisciplinary Graduate Program in Neuroscience

49: Repetitive mTBI Affects Mirror-Tracing but not Rotary Pursuit Performance
Richard Vandiver, University of New Hampshire at Manchester

50: A Big Data Analysis of Verbal Fluency Performance Across the Aging Spectrum
Vanessa Taler, University of Ottawa

51: The Effect of Bilingualism on Working Memory Event-Related Potentials and Age-Related Cognitive Decline
Cassandra Morrison, University of Ottawa, Bruyere Research Institute

52: Neglecting Negativity: Age Differences in the Role of Emotionally-Valenced Words in Paired-Associate Memory
Hannah Wolfe and Edie Sanders, University of Richmond

55: Prime Retrieval Failure Disrupts Lexical Retrieval to Definitions in Younger and Older Adults
Abhilasha A. Kumar, Washington University in St Louis
56: Reward and Punishment Effects on the Integration of Monetary and Liquid Incentives on Cognitive Control: Effects of Age
Debbie Yee, Washington University in St. Louis

57: Age-Related Slowing From an Upcoming Explicit Recognition Decision on Implicit Speeded Word Pronunciation
Jessica Nicosia, Washington University in St. Louis

58: Neural Signatures of Landmark Location Memory in Aging
Lauren L Richmond, Washington University in St. Louis

59: The Effect of Talker Variability and Accent on Second-Language Vocabulary Learning in Younger and Older Adults
Nichole Runge, Washington University in St. Louis

60: Meta-Analysis of Aging and Instructed Emotion Regulation
Brooke Brady, Western Sydney University

61: Listen to This: the Effects of Age and Hearing Acuity on Trial-and-Error and Errorless Listening on Memory for Speech
Amanda Lash, Whittier College

62: Effect of Manipulation of Stimulus and ISI Timing in the N-Back Paradigm in Younger and Older Adults
Kara Bopp, Wofford College

63: Culture and Age Differences in Spatial Memory and Use of Binding Strategies in Canadian and Indian Adults
Khushi Patel, Ryerson University

64: Effects of Motivational Incentives on Face-Name Hyper-Binding in Older Adults
Liyana T. Swirsky, Ryerson University

65: The influence of HbA1c on Spatial Navigation Abilities and Neuropsychological Test Performance
Colleen Pappas, University of South Florida, School of Aging Studies

66: Take Heart: Older Adults’ Anti-Negativity is Predicted by Heart Rate Variability
Konstantinos Mantantzis, University of Warwick
Memory

**Overview Speaker**
Cindy Lustig, *University of Michigan*

**Memory Guides the Comprehension of Event Changes in Older and Younger Adults**
Chris Wahlheim, *University of North Carolina at Greensboro*

**Age Differences in False Memory Are Magnified at Longer Delays**
Yana Fandakova, *Max Planck Institute for Human Development*

**Neuropsychological Correlates of Source Memory for Actions Depend Upon the Number of Sources**
Alan Kersten, *Florida Atlantic University*

**Age-Related Enhancements in Prefrontal Recruitment During Retrieval of Negative Events From One’s Past**
Jaclyn Ford, *Boston College*
Symposium Session 3  
Saturday May 5  ( 2:00 pm – 4:00 pm )

Prosocial Tendencies Across the Adult Life Span: Cognitive, Motivational, and Neural Factors

**Overview Speaker**
Ulrich Mayr, *Department of Psychology, University of Oregon*

**Decisions Between Self-interested vs. Altruistic Outcomes Across Adulthood**
Ryan Best, *Developmental Psychology Unit, University of Zurich*

**Aging and Altruism in Intertemporal Choice**
Julia Spaniol, *Department of Psychology, Ryerson University*

**Greater Emotional Gain from Giving in Older Adults: Age-Related Positivity Bias in Prosocial Behaviors**
Pär Bjälkebring, *Göteborgs Universitet*

**Uncovering Age-Related Vulnerabilities in Trust-Related Decision Making**
Natalie C. Ebner, *University of Florida*
Symposium Session 4  
Saturday May 5 (4:30 pm – 6:30 pm)

Cognitive and neural plasticity in older age: Mechanisms of change in cognitive training interventions

**Overview Speaker**
Julia Karbach, *University of Koblenz*

**Training Working Memory in Older Adults Using Tablet Technology – The Effects of Spacing and Consolidation**
Susanne Jaeggi, *University of California, Irvine, CA*

**Prospective Memory Training in Healthy Aging: Moderators of Strategy- and Process-Based Training and Transfer Effects**
Matthias Kliegel, *University of Geneva, Switzerland*

**Improving Cognitive Control Processes in Older Adults by Means of Task-Switching Training: An ERP Approach**
Katharina Stenger, *Saarland University, Germany*

**Comparing Cognitive Benefits From Single-Component and Multi-Component Cognitive Training Modules: A Meta-Analysis of Randomized Controlled Trials in Healthy Aging and Mild Cognitive Impairments**
Chandramallika Basak, *University of Texas at Dallas*

**Discussant**
Paul Verhaeghen, *Department of Psychology, Georgia Institute of Technology*
1: Correlates of Effortful Memory Processes Under Stereotype Threat in Aging
Sandrine Kalenzaga, UMR-CNRS 7295 Centre de Recherches sur la Cognition et l’Apprentissage, Université de Poitiers, Poitiers, France

2: A Pilot Study of Age Differences in Fear-Seeking vs. Fear-Avoiding Behaviors in A Naturally-Occurring Fear Event
Anthony Villalba, University of Akron

3: The Efficiency of Direct and Generative Retrieval Modes of Episodic Autobiographical Memory in Healthy Cognitive Aging
Aubrey A. Wank, University of Arizona

4: Comparison of Self-Report and Physiological Measures of Cerebrovascular Burden
Nicholas T James, University of Central Florida

5: Working Memory Across the Adult Lifespan: Age Effects on Simultaneous Storage and Processing
Stephen Rhodes, Memory and Cognitive Aging Lab, University of Missouri

6: Assessing Memory Precision in Younger and Older Adults Over Varying Delay Intervals Between Study and Test
Emily Abbene, Memory and Cognitive Aging Laboratory, University of Missouri

7: Improving Older Adults’ Name Detection in a Dichotic Listening Paradigm by Reducing Task Load in the Attended Channel
Sanchita Gargya, Memory and Cognitive Aging Laboratory, University of Missouri

8: Effects of Stereotype Threat on Older Adults' Associative Recognition Memory: the Role of Sensitivity and Criterion
Tremaine Ledbetter, Memory and Cognitive Aging Laboratory, University of Missouri

9: The Effects of Age-Related Stereotypic Expectancies on Older Adults’ Implicit and Explicit Memory Performances
Chantoin-Merlet Stéphanie, Centre de Recherches sur la Cognition et l'Apprentissage (CeRCA), Poitiers, France

10: Perceived Work Characteristics and Cognitive Function in Later Life
Miae Hwang, Daegu University

11: Evaluation of Web-Based Memory Training: Results From Active Memory Works
Marian Tzuang, Department of Mental Health, Johns Hopkins Bloomberg School of Public Health
12: Ups & Downs: Comparing Visual Thresholding Techniques for Applications in Cognitive Aging Studies  
Rachit Kumar, Department of Psychology, Georgia Institute of Technology, Atlanta, GA

13: Self-Perceptions of Aging Are Associated with Cognitive Performance in Rural Community-Dwelling Older Adults  
Kellie Brown, Department of Psychology, Idaho State University, Idaho, USA

14: Prospective Memory Training in Older Adults: Targeting Intention Retention is More Beneficial Than Targeting Intention Formation  
Matthias Kliegel, Department of Psychology, University of Geneva, Geneva, Switzerland

15: Declining with Purpose: Resilience Despite Cognitive Decline  
Sean N. Halpin, Emory Prevention Research Center, Rollins School of Public Health, Emory University

16: Assessing the Construct Validity of A Flanker Smartphone App  
Jessica Udry, Emory University

17: The Impact of Presentation Duration on Emotion Perception in the Young and Old  
Didem Pehlivanoglu, Georgia Institute of Technology

18: Does Time-on -Task Effect Vary As A Function of Age? A Distribution Analysis in Young, Middle-Aged, and Older People by Fitting the Ex-Gaussian Parameters to the Response Time Distributions  
Jessica Gilsoul, GIGA-CRC in Vivo Imaging, Liège, Belgium, Psychology and Neuroscience of Cognition, Liège, Belgium

21: Factor Analysis of the Cognitive Abilities Screening Instrument: Findings From the Kuakini Honolulu-Asia Aging Study  
Hardeep K. Obhi, Iowa State University

22: Neural Correlates of Implicit Priming in the Aging Auditory System  
Sandeepa Sur, Johns Hopkins University

23: The Role of Knowledge in Age-Related Changes in Event Segmentation and Memory  
Kimberly Newberry, Kansas State University

24: Relationship Between Changes in Loneliness and Changes in Autobiographical Memory Performance in Older Adults.  
Carol Holland, Lancaster University, UK

Alessia Rosi, Brain and Behavioral Sciences Department, University of Pavia, Italy
26: Theory of Mind in Aging: Investigation of Error Type in Mental States Attribution
Irene Ceccato, Department of Brain and Behavioral Sciences - University of Pavia

27: Prosocial Aging
Phoebe E. Bailey, Western Sydney University

28: Attachment and Episodic Quality of Autobiographical Memory Among Elderly Adults Based Upon Two Measures
Yan Wang, Beijing Normal University, Beijing, China

29: Age Differences in Risky Decision Making: the Effects of Explicitness, Personality, and Working Memory
Meagan M. Wood, Mississippi University for Women

Fernando Rosales Hernandez, Neural Cognitive Mapping Project - University of Ottawa

31: Aging and Effort Expenditure: The Impact of Motivation and Stereotype Activation on Cognitive Engagement
Claire M. Growney, North Carolina State University

32: Age-Related Differences in Social Effort and Willingness to Engage in Social Interactions
Erica L. O’Brien, North Carolina State University

33: Less is More: Complex Volunteer Jobs and More Volunteering Attenuate the Benefits of Volunteering on Cognition
Nicole D. Anderson, Rotman Research Institute, Baycrest Health Sciences

34: Optimizing Older Adults’ Associative Memory: The Effects of Item Pre-Learning and Value-Directed Learning
Lixia Yang, Ryerson University

37: Is 45 the New 90? Younger and Older Adults’ Preferred Age
Gabriel Saenz, Texas A&M University

38: Knowledge and Attitudes About Immigration: Does Knowing More Relate to Levels of Acceptance
Starlette Sinclair, South University

39: Theory of Mind in Malaysia: A Behavioural and Eye Gaze Study on Age-Related Differences
Min Hooi Yong, Sunway University
40: The Effect of Cognitive Testing and Feedback on Older Adults' Subjective Age
Robert Tirso, Texas A&M University

41: Examining the Content of Older Adults’ Task-Related Interference
Megan Jordano, The University of North Carolina at Greensboro

42: Age-Related Decline in Neural Responses to Expectancy Violation About Someone’s Trustworthiness
Atsunobu Suzuki, The University of Tokyo

43: Grip Planning and Executive Function Across the Life-Span
Shan Wang, Oxford Brookes University, UK

44: Planning for Action Across the Lifespan
Shan Wang, Oxford Brookes University, UK

45: The Relationship with Mother Early in Life and Cognitive/Psychological Well-Being in Later Life
Yeonjung (Jane) Lee, Boston University

46: Volunteering and Cognitive Health
Yeonjung (Jane) Lee, Boston University

47: Older Adults Show More Trust Than Younger Adults Post-Betrayal in Trust/Lottery Game
Ian Frazier, University of Florida

48: Motivation Assessment for Cognitive Activities Questionnaire (MACAQ)
Morgane Schlemmer, University of Geneva, Switzerland

49: The Moderation of Perceiver's Mood and Emotional Valence of Face Stimuli on the Own-Age Bias in Memory
Qiao Chu, University of Houston

50: Older Adults’ Memory and Audience Design when Speakers’ Representations Conflict
Si on Yoon, University of Illinois at Urbana-Champaign

51: Social Motives Contribute to Flow State Among Older Adults
Ted Worm, University of Illinois Urbana-Champaign

52: Age-Related Differences in Brain Activation During an N-Back Working Memory Task
Shuo Qin, University of Texas At Dallas

55: Examining A Potential Alcohol-Based Stereotype Threat on Memory Performance in Younger and Older Adults
Louis A. Losbanos, University of Wisconsin – Eau Claire
56: Cognitive Self-Efficacy and Mental Health Outcomes Following A Memory Skills Group for Older Veterans with PTSD
Caitlin Tyrrell, VA Puget Sound Health Care System

57: Examining Age Differences in Inhibitory and Preparatory Strategic Prospective Memory Monitoring Processes
Hunter Ball, Washington University in St. Louis

58: Bayesian Analysis of Cognitive Aging Data: Making the Case for Parsimony
Kyle Featherston, Washington University in St. Louis

59: Assessing One’s Sense of Feeling Normal: Psychometric Properties of the Subjective Normalcy Inventory
Erica Tatham, York University

60: Examining the Impact of Age-Related Memory Changes on Day-to-Day Functioning in Older Adults
Komal Shaikh, York University

61: When Older Adults Smile and Frown: Guessing Age and Ascribing Stereotypes
Jessica Becerra, San Francisco State University

62: Stereotype Threat Reduces the Positivity of Older Adults’ Recall
Sarah Barber, San Francisco State University

63: The Facilitating Role of Familiarization in Rule-Based Category Learning of Older Adults: A Mouse Tracking Study
Ziyan Wang, University of Tsukuba

64: Gain without Pain: Glucose Promotes Cognitive Engagement and Protects Positive Affect in Older Adults
Konstantinos Mantantzis, University of Warwick

Alan J. Gow, Heriot-Watt University

66: Older Black Adults’ Satisfaction and Anxiety Completing Alternative and Traditional Cognitive Batteries
S.C. Tan, Human Development and Family Studies, Penn State University
1: Personal and General Beliefs About Decision-Making in Young, Middle-Age and Older Adults
Alessia Rosi, Brain and Behavioral Sciences Department, University of Pavia, Italy

2: Resilience-Building as a Means of Combating Frailty
Ian Garner, Aston University

3: Reducing Suggestibility to Additive versus Contradictory Misinformation in Younger and Older Adults via Divided Attention and/or Explicit Error Detection
Sharda Umanath, Claremont McKenna College

4: I Don’t Know vs. I Don’t Remember: Older Adults Have Preserved Meta-Cognitive Skills in Assessing Retrieval Failures
Jen Coane, Colby College

5: Transfer Effects Across Executive Control Tasks Following Ipad-Based Cognitive Training
R. Houdeib, Concordia University

6: Working Memory Training in Older Adults: Are the Gains Sensitive to Music?
Erika Borella, Department of General Psychology, University of Padova, Italy

7: Sleep-Related Metacognitive Activity on Sleep Quality in Older People
Enrico Sella, Department of General Psychology, University of Padova, Padova, Italy

8: Short-Term Change in Memory Complaint: the Role of Neuroticism
Ann Pearman, Georgia Institute of Technology

9: Older Adults’ Use of External Aids and Memory Strategies in Everyday Life: A Qualitative interview Study
Emily Lustig, Georgia Institute of Technology

10: Context Memory Performance in Adults with ASD: Evidence of Pre-Mature Aging
Patrick Powell, Georgia Institute of Technology

11: The Effects of Judgment Scaling on Feeling-of-Knowing Accuracy in Younger and Older Adults
Taylor Curley, Georgia Institute of Technology

12: Stress-inducing Tasks in the Context of Cognitive Aging
Layla Abdullatif, Georgia Institute of Technology
13: Training Attention with Variable Priority vs. Repeated Practice: Dose Effect, Transfer and Brain Changes  
Sylvie Belleville, Institut Universitaire de Gériatrie de Montréal

14: Pre-Training Emotional Enhancement Boosted Cognitive Training Gains Through Hippocampus-Amygdala Connectivity in SMC Elderly  
Juan Li, Institute of Psychology, Chinese Academy of Sciences

15: Semantic Relatedness and Retrieval Practice in Proper Name Learning for Older and Younger Adults  
Kethera Fogler, James Madison University

16: A Strategy Perspective on Age-Based Stereotype Threat: Studies in Arithmetic  
P. Nicolas, Laboratoire de Psychologie Cognitive, CNRS (Aix-Marseille Université)

17: Individual Differences in Verbal Learning, Memory and Forgetting in Healthy Aging  
Sandra Düzel, Max-Planck-Institute for Human Development

18: The Effects of Aging and Verbal Overshadowing on Eyewitness Identification  
Najeebah Hussain, Memory and Cognitive Aging Laboratory, University of Missouri

21: Conversation with Elderly: What Kind of Communication Lords Do Younger Members Bear?  
Etsuko T. Harada, University of Tsukuba

22: Communication at Customer Centers as Collaborative Problem Solving: Characteristics of Older Adults  
Kanau Ishii, University of Tsukuba

23: The Association Between Age, Disease State, and Cognitive Reserve on Cognitive Performance in Adults Aging with and without HIV  
Caitlin N. Pope, Nationwide Children's Hospital - Center for Injury Research and Policy

24: Effects of Informal Caregiving Duration on Cognitive Function and Well-Being: Evidence From ELSA  
Jing Yuan, North Carolina State University

25: Collaborative Prospective Memory: Do Older Couples Help Each Other Remember their Intentions?  
Celinda Reese-Melancon, Oklahoma State University

26: Investigating Neural Effects of Memory Training to Reduce False Memories in Older Adults  
Indira C. Turney, Pennsylvania State University
27: Aging and Emotion Regulation: Examining Strategy Use, Context and Cognitive Control in Recent Experiences of Negative Emotion
Patrick Whitmoyer, the Ohio State University

28: Using Perceptual Manipulations as a New Approach for Promoting Unitization in Older Adults
Courtney R. Gray, The Pennsylvania State University

29: Understanding the Relationship Between False Memory and White Matter in Younger and Older Adults
Jordan Chamberlain, The Pennsylvania State University

30: Electrophysiological Activity Underlying inhibitory Control Processes in Mild Cognitive Impairment
Rachel Rabi, The Rotman Research Institute of Baycrest Centre

31: Total Brain Health® Programs Improve Brain Health Knowledge and Memory Self-Efficacy in Older Adults: A Pilot Study
Ian M. McDonough, The University of Alabama

32: The Role of Stereotype Threat and Subjective Age in Older Adults’ Memory Strategies
Matthew Hughes, The University of North Carolina at Greensboro

33: Evaluating Item-Specific Processing Effects on False Recognition Using Signal-Detection and Diffusion-Modeling Analyses in Young
Mark J. Huff, The University of Southern Mississippi

34: Younger and Older Adults’ Predictions About Memory and Selectivity in a Value-Directed Remembering Task
Alexander L.M. Siegel, University of California, Los Angeles

35: The Effect of Healthy Aging on Cross Situational Statistical Word Learning
Federica Bulgarelli, Penn State University

37: Discourse in Older and Young Adults: Effects of Working Memory and Processing Speed
Lori J. P. Altmann, University of Florida

38: What’s My Name?: Investigating the Roles of Affect and Age in Learning and Recalling Face-Name Pairs
Jessica Campbell, University of Florida

39: Age-Related Differences in Strategy Use in Verbal WM Maintenance Based on Trial-By-Trial Reports
Johann Chevalère, University of Fribourg, Switzerland
40: Can Interleaved Training Improve Working Memory and Transfer?
Rachel Pharris, University of Illinois

41: Aging and Interference in Item vs. Associative Memory: Better interference-Resistance of Associative Memory, Even in Older Adults
Beatrice G. Kuhlmann, University of Mannheim, Germany

42: Value-Directed Remembering in the Absence of Point Value: The Role of Fluency in Younger and Older Adults' Metamemory and Memory
Donald Skinner, University of Mississippi

43: Multiple-Group Confirmatory Factor Analysis of Working Memory in Younger and Older Adults
Kazunori Otsuka, University of Nagasaki

44: Differential Influence of Multifaceted Depression on Subjective and Objective Memory
Wonjeong Haavisto, University of Nebraska at Omaha

45: Cognitive Domain-Specific Computer Game Training Effects in Older Adults: Comparison of Auditory & Visuospatial Adaptive Games
Mark E. Faust, University of North Carolina at Charlotte

46: The Role of Schematic Support in Strategic Choice During Skill Acquisition
Jack Kuhns, University of North Carolina Greensboro

47: Metacognitive Predictions and Strategic Adaptation to Distraction
Jacob Siri, University of North Carolina Greensboro

48: Effects of Aging on Spontaneous Concept Formation
Caitlin R. Bowman, University of Oregon

49: Intranasal Oxytocin Does Not Improve Age-Related Difficulties in Social Cognition
Sarah A. Grainger, University of Queensland

50: Post-Decision Confidence in Associative Memory: Metacognitive Accuracy in an Associative Deficit Task
Alexandria C. Zakrzewski, University of Richmond

51: Free Recall is Hard: Error Rates for Free Recall of Paired Associates are Comparable for Younger and Older Adults
Dylan T. Vavra, University of Richmond

52: Naturalistic Assessment of Functional Activity in Parkinson’s Disease
Kaila Rogers, University of Tennessee at Chattanooga
55: Can Older Adults Use Multiple Cues When Making Jols for Emotional Words?
Ethan Flurry, *Mississippi State University*

56: How Do Stimulus Difficulty and Amount of Delay Impact Judgments of Learning Made by Younger and Older Adults?
Emily L. Onken, *University of Wisconsin – Eau Claire*

57: Just Don’t Do It! A Comparison of Strategies for Reducing Commission Errors in Young and Older Adults.
Emily Streeper, *Washington University in St. Louis*

58: Why Do Older Adults Report Less Mind Wandering? Testing the Environmental Context Hypothesis
Nathaniel T. Diede, *Washington University in St. Louis*

59: No Evidence of Age-Related Differences in Rapid Lexical or Declarative Consolidation via Fast Mapping
Peter R Millar, *Washington University in St. Louis*

60: Aging and the Use of Context in Predictive Learning
Catherine M. Luna, *Western Kentucky University*

61: Younger and Older Adults’ Memory and Metacognition for Medication Side Effects
Mary B. Hargis, *University of California, Los Angeles*

62: Hyper-Binding: an Elusive Effect in Face-Name Learning
Lori E. James, *University of Colorado Colorado Springs*

63: Brief Strategy Training Enhances Targeted Memory and Beliefs and Promotes Near Transfer
Carla M. Strickland-Hughes, *University of the Pacific*

64: A Fuzzy Trace Theory Account of Age-Related Associative Deficit for Face-Scene Pairs in Short- and Long-Term Memory
Nathaniel R. Greene, *Memory and Cognitive Aging Laboratory, University of Missouri, Columbia, MO*

65: Interstimuli Articulatory Suppression Intervals Across Age: Testing Hyper-Binding and the Associative Deficit Hypothesis
Reed Decker, *Memory and Cognitive Aging Laboratory, University of Missouri*

66: Spill-Over of Memory Effect in Younger and Older Adults: Can Names Become Associated with Proximal Emotional Faces
Sanchita Gargya, *Memory and Cognitive Aging Laboratory, University of Missouri*
Symposium Session 5  
Sunday May 6 (10:30 am – 12:30 pm)

New insights on the Role of Strategies in Cognitive Aging

**Overview Speaker**
Dayna R. Touron, *University of North Carolina at Greensboro*

**Ready … Set … Test! Examining Older Adults’ Adaptation to the Expected Memory-Test Format**
Beatrice G. Kuhlmann, *University of Mannheim, Germany*

**A Learner-Oriented Approach for Improving Older Adults’ Memory and Transfer, Based on Strategy Adaptation**
Elena Cavallini, *University of Pavia, Italy*

**The Role of Knowledge in Age-Related Differences in the Segmentation and Memory of Everyday Activities**
Heather Bailey, *Department of Psychological Sciences, Kansas State University*

**Selective Memory as a Memory Strategy in Older Age**
Alan D. Castel, *University of California, Los Angeles*