

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

Thursday May 3 (6:45 pm – 7:45 pm)

From Satisficing to Optimizing: The Future of Cognitive Aging

Neil Charness, *Department of Psychology, Florida State University*

Welcome Reception

Thursday May 3 (7:45 – 8:45 pm)

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*

55: Cohort Differences in Cortical Thicknesses: Findings from Seattle Longitudinal Study

Sherry L. Willis, *University of Washington*

56: Atypical Localization and Dissociation Between Glucose Uptake and Amyloid Deposition in Cognitively-Normal APOE*E4 Homozygotes

Jose V. Pardo, *VAMC & University of Minnesota*

57: The Dynamics of Event Model Construction and Updating

Jeffrey M. Zacks, *Washington University in St. Louis*

58: 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

Friday May 4 (10:30 am – 12:30 pm)

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 theLIFE 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*

AARP Round Table

Friday May 4 (6:00 pm – 7:30 pm)

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*

30: Evidence for a Dissociation Between Objective and Subjective Recollection in Healthy Aging: A Multilevel Analysis Approach.

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*

Plenary Session 2

Saturday May 5 (10:30 pm – 12:30 pm)

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*

25: Prosocial Behavior in Aging: Which Factors Can Explain Age-Related Differences in A Social Economic Decision-Making?

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*

30: Utilization of an Adaptive Difficulty Protocol for Estimation of Perceived Cognitive Task Difficulty
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*

65: What Keeps You Sharp? A UK-Wide Survey of Beliefs About, and Knowledge of, Cognitive Ageing

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*