

Virtual Poster Session

Division: 3

Exploring the Psychometric Properties of the Proposed Avatar Embodiment Questionnaire in VR Cassandra L. Crone, MA, BS, Rachel W. Kallen, PhD, Macquarie University, Sydney, Australia

How Essential Oil Usage and Need for Cognition Scores Impact Long-Term Memory Rene' M. Wallace, BS, Heather A. Labansat, PhD, Tarleton State University

Executive Function, Attention, and Arousal: Effects on Comprehension Svetha Mohan, MA, Hannah Weisman, BS, Benjamin Rickles, MS, Donald J. Bolger, PhD, University of Maryland

Examining Speed of Responding for Emergent Stimulus Relations Using Latent Growth Modeling Kylie R. Kadey, BA, Jessica L. Katschke, MA, Allison C. Moll, BS, Bradley J. Dixon, BA, Jonathan L. Lundblad, BS, Wayne State University, Mackenzie Baranski, AA, Adnan Faraj, AA, John L. Woodard, PhD, Wayne State University

Comparing Visual Clutter Metrics: What Feature Is Important? Yelda Semizer, PhD, New Jersey Institute of Technology, Tomer Weiss, PhD

Thursday, Aug. 4, 10:00–10:50am

Symposium 2.0: Experimentally Exploring the Consequences of COVID-19 on Cognition

Minneapolis Convention Center, Level Two, Room 205C

Divisions: 3, 12

• **Participants:** Caitlin Sisk, PhD, Vanessa Lee, PhD, Yi Ni Toh, BS, Jihyang Jun, PhD, Roger Remington, PhD, University of Minnesota. Impact of Latent and Active Concerns About COVID-19 on Attention

Jessica Bernard, PhD, Ivan Herrejon, BA, Texas A&M University. The Impact of COVID-19 Infection on Cognitive and Brain Aging

Anne Krendl, PhD, Brea Perry, PhD, Indiana University Bloomington. The Impact of Sheltering in Place During the COVID-19 Pandemic on Older Adults' Well-Being

Thursday, Aug. 4, 11:00–11:50am

Symposium 2.0: The Cognitive Challenges of Effective Teaching

Minneapolis Convention Center, Level One, Ballroom B

Divisions: 2, 3

- **Chair:** Stephen L. Chew, PhD, Samford University
- **Participants:** William J. Cerbin, PhD, University of Wisconsin--La Crosse. The Cognitive Challenge Framework
- **Participant/1stAuthor:** Melissa J. Beers, PhD, The Ohio State University

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Thursday, Aug. 4, 1:00–2:50pm

Symposium 2.0: Misconceptions, Misinformation, and Mechanisms of COVID-19 Risky Behaviors

Minneapolis Convention Center, Level Two, Room 200D

Divisions: 3, 46

- **Chair:** Valerie Reyna, PhD, Cornell University
- **Participants:** Christopher Wolfe, PhD, Josselyn E. Marroquin, BA, Wylie Brace, BA, Miami University of Ohio. The Battle for the Gist of Vaccination on the Web
- Rebecca Ferrer, PhD, Jennifer Bowers, PhD, Chloe Huelsnitz, PhD, National Cancer Institute, Rockville, MD, Arielle Gillman, PhD. Relationships, Risk Perceptions, and COVID-19 Risk Behavior
- **Participant/1stAuthor:** David Broniatowski, PhD, George Washington University

Thursday, Aug. 4, 2:00–2:50pm

Presidential Address

Minneapolis Convention Center, Level One, Room 101B

Divisions: 6, 3

- **Participants:** Antonio E. Puente, PhD, University of North Carolina--Wilmington. The Life and Works of Roger W. Sperry: Lessons Learned From 30 Years of Archiving His Research

Thursday, Aug. 4, 3:00–4:50pm

Symposium 2.0: Cognitive Aging

Minneapolis Convention Center, Level Two, Room 200B

Divisions: 3, 20, 40

- **Chair:** Patricia A. Reuter-Lorenz, PhD, University of Michigan
- **Participants:** Christopher Hertzog, PhD, Georgia Institute of Technology. Leveraging Cognitive Task Manipulations to Reveal Age Changes and Age Invariance in Memory Mechanisms
- Brittany Cassidy, PhD, University of North Carolina at Greensboro. Mechanisms for Enhanced Trust in Later Adulthood
- Matthew Grilli, PhD, University of Arizona. Autobiographical Remembering in Older Age: Uncovering the Role of Semantic Processing
- Maheen Adamson, PhD, Victoria Liou-Johnson, PhD, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA. Harnessing Neural-Based Metrics to Enhance

Innovation Treatment Strategies for Improving Cognitive Decline in TBI

Friday, Aug. 5, 8:00–8:50am

**Symposium 2.0: Contextualizing Emotion---
Influences of Context on Affective
Representation, Experience and Regulation**

Minneapolis Convention Center, Level Two, Room 203AB

Divisions: 3, 8, 12

- **Chair:** Chelsea Helion, PhD, Temple University
- **Participants:** William J. Mitchell, BA, Temple University, Lindsey Tepfer, MS, Nicole J. Henninger, PhD, The Philadelphia Inquirer, Philadelphia, PA, Susan Perlman, PhD, Vishnu P. Murty, PhD, Chelsea Helion, PhD, Temple University. Development Influences Prefrontal Representations of Affective Information
- Ajay B. Satpute, PhD, Yiyu Wang, BS, Zulqarnain Khan, MS, Northeastern University. Situational Variance in the Functional Neural Predictors of Fear
- Erik C. Nook, PhD, Princeton University, Katie McLaughlin, PhD, Leah Somerville, PhD, Harvard University. Age-Related Differences in Emotion Construction Across Development
- Danielle J. Cosme, PhD, University of Pennsylvania, Arian Mobasser, MS, Garrett Ross, MS, University of Florida, Dagmar Zeithamova, PhD, Elliot T. Berkman, PhD, Jennier H. Pfeifer, PhD, University of Oregon. Autonomous Motivation Improves Craving Regulation via Enhanced Attention

Friday, Aug. 5, 9:00–10:50am

**Symposium 2.0: Social and Environmental
Influences on Cognition**

Minneapolis Convention Center, Level Two, Room 203AB

Divisions: 3, 7, 8, 20

- **Chair:** Anne Krendl, PhD, Indiana University Bloomington
- **Participants:** Maital Neta, PhD, University of Nebraska-Lincoln. Valence Bias: Individual Differences in Response to Emotional Ambiguity
- Cristina Salvador, PhD, Duke University. Self-Referential Processing Accounts for Cultural Variation in Self-Enhancement Versus Criticism: An Electrocortical Investigation
- John Anderson, PhD, Carleton University, Ottawa, Canada. Bilingualism as a Contributing Factor to Cognitive Reserve
- Philip Zelazo, PhD, University of Minnesota. Social and Environmental Influences on the Development of Executive Function Skills in Childhood
- **Participant/1stAuthor:** Luke Chang, PhD, Dartmouth College

Friday, Aug. 5, 1:00–2:50pm

**Skill-Building: Introduction to Data Wrangling
and Visualization in R**

Minneapolis Convention Center, Level Two, Room 211C

Divisions: 5, 3, 14, 43, APA of Graduate Students

- **Chair:** Joscelin Rocha-Hidalgo, MA, Georgetown University
- **Participants:** Yexinyu “Yolanda” Yang, MA, University of North Carolina-Chapel Hill. Overview of R, R studio, and Descriptive Analyses
- Grace J. Goodwin, MS, University of Nevada, Las Vegas. Creating Reproducible Analyses: Introduction to R Markdown
- Joscelin Rocha-Hidalgo, MA, Georgetown University. Data Wrangling and Visualization: Introduction to Tidyverse and ggplot2

Friday, Aug. 5, 2:00–2:50pm

Poster Session

Minneapolis Convention Center, Level One, Exhibit Halls BCD

Divisions: 3, APA Early Career Psychologists

- Evaluating Frontoparietal Network Topography for Diagnostic Markers of Alzheimer's Disease** Bayard Rogers, MS, MA, University of Glasgow, Glasgow, United Kingdom
- Benefit of Imagining Loss on Location Memory Across Age** Wanbing Zhang, MA, Angela Gutchess, PhD, Brandeis University
- Cross-Cultural Differences in Memory for Abstract and Real Items** Krystal R. Leger, BS, Angela Gutchess, PhD, Brandeis University
- How Acculturative Processes Influence the Self-Reference Effect** Ashley N. Gilliam, MA, BS, Angela Gutchess, PhD, Brandeis University
- Environmental Psychological Restoration With Virtual Reality in Children** Aimée Arguero-Fonseca, PhD, Universidad Autónoma de Nayarit, TEPIC, United Mexican States, Davide Marchioro, PhD, Joel Martínez-Soto, PhD, Universidad de Guanajuato, León, United Mexican States
- Incorporating Trainees' Cognitive State Into Rapid Response Decision Training Assessments** Quinn Kennedy, PhD, Peter Nesbitt, PhD, Naval Postgraduate School
- Choice Reaction Time Performance Predicts Working Memory, Fluid Intelligence, and Reading Abilities** Michael Hahn, PhD, McKendree University
- The Relationship Between Cognitive and Linguistic Abilities in Bilingual Children** Ines Elena Martin, MS, Sara Incera, PhD, Eastern Kentucky University, Maria Paz Suarez Coalla, PhD

Collocational Processing in English Monolinguals and Mandarin-English Bilinguals: Insights from ERPs Yun-Ruei Ku, MA, Jason Scofield, PhD, Spyridoula Cheimariou, PhD, University of Alabama

The Role of Dichotomous Thought on Aversive Mental Health During the COVID-19 Pandemic Kaylie Williams, BS, Joseph Rhodes, BA, BS, Kanako Taku, PhD, Oakland University

What Can Fake News, Politics, and Religion Tell Us About Pseudoscience? Anastasia Jankovsky, BA, Brian A. Zaboski, PhD, Yale University, David Therriault, PhD

The Influence of Reward and Motivation on Reactive Cognitive Control Jacob J. Robbins, BS, Amanda Clark, PhD, Mia Melone, BS, University of Tennessee at Chattanooga

Cortical (EEG), Neuromuscular (EMG), and Cognitive Variables of Online Movement Corrections Isaac R. Flint, MS, Kevin M. Trewartha, PhD, Michigan Technological University

Are There Deductive Cortical Processes? MEG and EEG Approach on Logically Valid Inference Francisco Salto, PhD, Carmen Requena, PhD, Universidad de León, León, Spain, Paula Álvarez-Merino, PhD

A Cross-Cultural Experimental Study About the Influence of Language on the Level of Processing Gustavo Gonzalez-Cuevas, PhD, Idaho State University, Linxuan He, BS

Categorical Boundaries in Graduate Students' Judgment of Effect Sizes V. N. Vimal Rao, MS, Jeffrey K. Bye, PhD, University of Minnesota, Sashank Varma, PhD

Testing the Fuzzy-Trace Theoretical Framework in Bilingual Decisions Grace Hanzelin, MS, University of Texas at El Paso, Krystia Reed, JD, PhD, Morgan R. Wagner, BS, University of Texas at El Paso

Neurobiological Associations Between Cortical Thickness and Cognitive Shifting in Adolescents Connor S. Watkinson, BA, Hannah Travis, MA, Michelle Y. Kibby, PhD, Southern Illinois University at Carbondale

Evidence for the Graded Nature of Human Geometric and Topological Cognition Vijay Marupudi, BS, Georgia Tech, Sashank Varma, PhD

Taming the Wandering Mind With Mindfulness-Based Attention Training: An Internal Meta-Analysis Malena M. Price, MS, Anthony Zanesco, PhD, Ekaterina Denkova, PhD, Cody L. Boland, MS, Jordan Barry, BA, Scott L. Rogers, JD, Amishi P. Jha, PhD, University of Miami

Typicality Gradients in the Category Fluency Task Reba Koenen, MA, Georgia Institute of Technology, Benjamin Y. Hayden, PhD, Alexander B. Herman, PhD, University of Minnesota, Sashank Varma, PhD

Snapping Out of Autopilot: Overriding Habits in Real Time and the Role of Frontal Cortex Cole Korponay, PhD, MPA, McLean Hospital, Belmont, MA

The Role of Humor and Emotionality in Memorability of

Road Signs Victoria M. Gamboa, BS, Stephen L. Chew, PhD, Samford University

Inferior Frontal Gyrus Cortical Volume in ADHD Sophia E. Shonka, MA, BS, Michelle Y. Kibby, PhD, Southern Illinois University at Carbondale

The Breaking Point: The Impact of Arousal on Memory for Emotionally Valenced Words Rebekah C. Knight, MA, BA, Daniel Grün, DPhil, North Carolina State University

Stammering An Integrated Approach: An Innovative Way to Deal with Stammering Antonio Bitetti, PhD, PhD, European Institute for Stammering, Milano, Italy

N-Back Task Improved Dual-Task Performances Consisted of Memory or Attentional Factors Takehide Kimura, PhD, Tsukuba International University, Tsuchiura, Japan, Ryouta Matsuura, PhD

Effect of Body Posture on Vigilance Performance in a Driving Scenario Jeremiah Ammons, BS, Jing Chen, PhD, Old Dominion University

Friday, Aug. 5, 3:00–3:50pm

Data-Blitz: Data Blitz with Early Career Cognitive Psychologists

Hyatt Regency Minneapolis, Main Level, Nicollet Ballroom C1

Divisions: 3, 7, 20, APA Early Career Psychologists

- **Chair:** Marianne Lloyd, PhD, Seton Hall University
- **Participants:** Laurent Prétôt, PhD, Quinlan Taylor, BA, Katherine McAuliffe, PhD, Boston College. Children Cooperate More With In-Group Than Out-Group Members in the Prisoner's Dilemma
- Michelle L. Rivers, DPhil, Texas Christian University, Steven Pan, PhD. Fostering Metacognitive Awareness of the Pretesting Effect: Beneficial Effects of Feedback, Reminders, and Recall Prompts
- Krystia Reed, JD, PhD, University of Texas at El Paso. Per Diem Arguments: Theoretically Guiding Jury Damage Award Decisions
- Caitlin Bowman, PhD, Madeline Valdez, BA, University of Wisconsin-Milwaukee. How Consistently Do Individuals Use a Prototype vs. Exemplar Strategy to Categorize?
- David Garavito, JD, PhD, Department of Veterans Affairs, Richmond, VA, Valerie Reyna, PhD, Joseph E. Detello, BS, Cornell University, Peter Ajayi, BS. A Fuzzy-Trace Theory Approach to Concussion Underreporting in Sports
- Isu Cho, PhD, Brandeis University, Francesco Margoni, PhD, Angela Gutches, PhD, Brandeis University. An Intent-to-Outcome Shift in Moral Judgment in Old Age

Symposium 2.0: Women Uplifting Women--- Strategies for Supporting Women in Psychology

Minneapolis Convention Center, Level Two, Room 200E

**Divisions: 41, 1, 3, 8, 9, 12, 17, 18, 28, 42, 50, 53, APA
Committee on Women in Psychology**

- **Chair:** Emily Gottfried, PhD, Medical University of South Carolina
- **Participants/1stAuthors:** Eve Brank, PhD, University of Nebraska-Lincoln, Lauren Kois, PhD, Margaret Bull Kovera, PhD, CUNY

Friday, Aug. 5, 4:00–4:50pm

Business Meeting

Hyatt Regency Minneapolis, Main Level, Nicollet Ballroom
C1

Division: 3

Friday, Aug. 5, 5:00–5:50pm

Social Hour

Hyatt Regency Minneapolis, Main Level, Nicollet Ballroom
C1

Divisions: 3, 6

Saturday, Aug. 6, 8:00–9:50am

Symposium 2.0: Computational Psychiatry and Cross-Species Translation

Minneapolis Convention Center, Level One, Room 101H

Divisions: 6, 3, 28, 40

- **Chair:** David A. Redish, PhD, University of Minnesota
- **Participants:** Nicola M. Grissom, PhD, University of Minnesota. Cross-Species Assessment of Neural Signatures of Decision Making
- Michael B. Chafee, PhD, University of Minnesota. Convergent Prefrontal Circuit Failure in Primate and Mouse Models Relevant to Schizophrenia
- Ann F. Haynos, PhD, University of Minnesota. Using Translation and Computation to Parse Decision-Making in Anorexia Nervosa
- Sophia Vinogradov, MD, University of Minnesota. State Representation Plasticity in Psychosis

Saturday, Aug. 6, 9:00–9:50am

Symposium 2.0: Human Memory

Minneapolis Convention Center, Level Two, Room 210AB

Division: 3

- **Participants:** Marlene Abadie, PhD, Aix Marseille University, Marseille, France. Verbatim and Gist-Based Associative Memory in Aging
- Anne Cleary, PhD, Colorado State University. Reinforcing Learning Outside of the Classroom: The Use of Smartwatches for Automating Spaced Testing as a Learning Reinforcement Technique

Saturday, Aug. 6, 1:00–1:50pm

Symposium 2.0: Environmental and Social Impacts on Learning and Memory

Minneapolis Convention Center, Level Two, Room 202AB

Divisions: 6, 3

- **Chair:** Jennifer J. Quinn, PhD, Miami University
- **Participants:** Jennifer J. Quinn, PhD, Miami University. Impacts of Early-Life Stress Experience on Subsequent Learning About Threat and Safety
- Elinor Sullivan, PhD, Oregon Health & Science University. Perinatal Environmental Influences on Offspring Risk for Psychiatric Disorders
- Amanda N. Reichert, BA, Miami University. Maternal Buffering Reduces the Persistent Impacts of Early Life Stress on Threat Responding
- Craig E.L. Stark, PhD, University of California--Irvine. Old Brains, New Tricks: Using Environmental Enrichment to Improve Memory

Symposium 2.0: Plea Bargaining---An Experimental Examination of Plea Decisions

Minneapolis Convention Center, Level One, Room 101B

Divisions: 3, 41

- **Chair:** Krystia Reed, JD, PhD, University of Texas at El Paso
- **Participants:** Alison Redlich, PhD, George Mason University. The Role of Psychological Science in Valid Plea Decision-Making
- Miko M. Wilford, PhD, Annabelle Fraizer, PhD, Misha Rabinovich, PhD, Joseph E. Gonzales, PhD, University of Massachusetts Lowell, Michael Pascale, BS. Getting Lost in the Shadow-of-the-Trial: The Ignored or Underestimated Variables Underlying False Guilty Pleas
- Rebecca K. Helm, PhD, University of Exeter Law School, Exeter, United Kingdom, Tina M. Zottoli, PhD, Vanessa A. Edkins, PhD, Florida Institute of Technology, Michael T. Bixter, PhD. Developing a Plea Decision Model: Psychological Theory and Computational Models
- Miko M. Wilford, PhD, University of Massachusetts Lowell. Customizing an Interactive Simulation of Legal Procedures for Both Research and Education

Saturday, Aug. 6, 2:00–2:50pm

Invited Address: Spielberger EMPathy Symposium--Emotion, Motivation, Personality

Minneapolis Convention Center, Level One, Room 103B

Sponsors: APF, 3, 8, 12

- **Chair:** Terence M. Keane, PhD, American Psychological

Foundation

- **Participants:** Joseph Mikels, PhD, DePaul University. The Old and the New Regarding Emotion: Aging, Positivity, and Appraisals

Anthony Burrow, PhD, Cornell University. A Question of Purpose: Charting a Psychological Resource

Donald Meichenbaum, PhD, The Melissa Institute, Coral Gables, FL. We Are Lived by the Stories We Tell: A Constructive Narrative Perspective on Emotion, Motivation, and Personality

Saturday, Aug. 6, 3:00–3:50pm

Skill-Building: Collecting Publishable Research Data on Mechanical Turk

Minneapolis Convention Center, Level One, Room 102C

Divisions: 3, 21, Psi Chi

- **Cochairs:** Constance J. Dalenberg, PhD, Kenneth J. Thompson, MA, Alliant International University San Diego

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