Withdrawn Abstracts

Spoken Talk 114, Stumpers: Learning Psychology from Riddles

Spoken Talk 209, Two models to improve temporal prediction in simulating salience

Spoken Talk 217, What Type of Advice is Adopted When, and Benefits, Forecasting?

Spoken Talk 218, Brain stimulation of right dorso-lateral prefrontal cortex increases cognitive reflection performance

Spoken Talk 296, Modeling Visual Crowding in Mazes

Spoken Talk 319, Sequential Suppression and Activation: Parallels Between Alphabet and Language Codes

Poster Number 1015, Electrophysiological Evidence for Contingent Response Inhibition

Poster Number 1025, The Role of Executive Control in Divergent Thinking

Poster Number 1044, Effects of Game-Based and Standard Executive Control Training on Cognitive and Academic Abilities in Elementary School Children

Poster Number 1075, Differentiating social preference in hypothetical resource allocation

Poster Number 1126, Testing the Interleaving Effect Across Several Domains and Grade Levels

Poster Number 1154, The recall of highly literal phrases is both incremental and redintegrative

Poster Number 2035, The Effect of The Antisaccade Task on Microsaccade Suppression in The Posner Cueing Paradigm

Poster Number 2089, Emotional Tension and the Visual Structure of Film

Poster Number 2093, The Effect of Cold Temperature on the Utilization of Statistical Knowledge in Decision Making

Poster Number 2102, Information Sampling for Decisions from Finite Evidence

Poster Number 2136, A Modulating Circle Reduces Listening Effort and May Improve Speech Intelligibility for Older Adults

Poster Number 2197, The Co-presentation in an Asymmetry Joint Action: A fNIRS-based Hyperscanning Study

Poster Number 2197, The Co-presentation in an Asymmetry Joint Action: A fNIRS-based Hyperscanning Study

Poster Number 3135, The Influence of Foveal Lexical Processing Load on Parafoveal Preview Extent in Chinese Reading

Poster Number 3201, Motivational Influences on Prospective Memory and Metacognition

Poster Number 4029, Language-Independent Talker Similarity Space Captured by Dynamic Time Warping

Poster Number 4111, Nonnative Speech Increases Susceptibility to Semantic Illusions

Poster Number 4118, Semantic Ambiguity and Generation Effects with Adult Learners During Novel Word Learning

Poster Number 4161, Curiosity Mediates the Relationship Between Confidence in Errors and Learning

Poster Number 4165, Using Cognitive Science and Technology to Enhance Financial Education

Poster Number 5031, Dual-task performance as an insight into the impact of novel pilot rotorcraft display system on situational awareness.
**Poster Number 5035, The effect of information load in visual search for ground targets during rotorcraft operation**

**Poster Number 5076, Cognitive profiles of climate change beliefs: A mental models perspective**

**Poster Number 5100, Backward Priming in the Go/No-Go Ldt: Evidence for an Automatic Semantic Matching Process**

**Abstracts Added**

**Poster Number 3226, Poster Session III, Friday Evening, 4:00-7:30, Testing in the form of forced-choice recognition decreases false memory on morphed faces, DOROTTYA BENCZE, Budapest University of Technology and Economics, AGNES SZOLLOSI, Budapest University of Technology and Economics, KORNEL NEMETH, Budapest University of Technology and Economics, MIHALY RACSMANY, Budapest University of Technology and Economics**

Retrieval practice has a beneficial effect on long-term memory compared to restudying the information, a phenomenon known as the testing effect. We investigated the effect of retrieval practice on recognition memory of overlapping stimuli in three experiments with a novel design using morphed faces with gradually similar features as stimuli. In Experiment 1 and 2 we validated the paradigm using recognition confidence judgment and an old/similar/new decision task. We found that the degree of facial feature overlap affected recognition performance after both incidental and intentional encoding. In Experiment 3 we included a practice phase after encoding where stimuli were practiced with either forced-choice recognition or restudy, followed by a final old/similar/new task. Our results showed that retrieval in the form of recognition decreased false recognition and increased correct discrimination of partially overlapping faces compared to restudy. These findings contribute to the understanding of the testing effect and face recognition.

**Poster Number 3227, Poster Session III, Friday Evening, 4:00-7:30, Psychoactive Drugs and Episodic Memory: A Meta-Analysis of Recollection, Familiarity, and Metamemory Effects, MANOJ DOSS, John Hopkins University, JOSHUA KOEN, University of Notre Dame, JASON SAMHABA, University of California, Santa Cruz, FREDRICK BARRETT, Johns Hopkins University, ROLAND GRIFFITHS, Johns Hopkins University, HARRIET DE WIT, University of Chicago, DAVID GALLO, University of Chicago**

Confidence in episodic memories is shaped by recollection (R), familiarity (F), and metacognitive efficiency (ME) – all processes which may be impacted by psychoactive drugs. In five studies with different drug manipulations, we collected confidence ratings on recognition tasks of neutral and emotional words and pictures. We analyzed these data using dual process and meta-d’ signal detection models to explore patterns of pharmacological effects on R, F, and ME. Pre-encoding alcohol, THC, or DXM – drugs that bind widespread receptors (GABAA, CB1, NMDA) – impaired both R and F. In contrast, pre-encoding psilocybin or MDMA – psychedelics with a less widely spread receptor (5-HT2A) – impaired R but tended to enhance F. Pre-encoding amphetamine did not impact R or F, suggesting that monoaminergic facilitation (i.e., effects of both amphetamine and MDMA) does not play a role in these simultaneous effects on R and F. Interestingly, amphetamine was the only drug to impact ME, enhancing ME at encoding, retrieval, and, most robustly, when administered at both encoding and retrieval. These findings suggest the differential role of pharmacological systems in memory processes and implicate selective mnemonic states in drug experiences.

**Session/Presentation Changes**

**Saturday, November 16th, 1:30 p.m.-3:30 p.m. Attention and Scene Processing, Session Chair Changed to: TODD S. HOROWITZ, National Cancer Institute**

**Friday, November 15th, 1:30 p.m.-3:30 p.m. Symposium II: Re-organizing Our Understanding of Semantic and Episodic Memory, Presenter Changes:**

**An integrated view of episodic and semantic memory processing during complex retrieval tasks, 1:50 p.m.-2:05 p.m. Presenter Changed to: SARAH PETERS, McGill University**

**Representation of Complex Events and the Interplay Between Episodic and Semantic Memory, 2:10 p.m.-2:25 p.m. Presenter Changed to: ZACH REAGH, Washington University in St. Louis**

**Poster Number 1125, Verbatim and Paraphrased Note-Taking in the Classroom, moved to Poster Number 5076, Saturday Evening, 4:00 p.m.-7:30 p.m.**

**Poster Number 1155, Haven’t I Heard This Before? The Mechanism and Bias of Déjà Entendu, moved to Poster Number 4161, Saturday Noon, 11:00 a.m.-1:30 p.m.**

**Poster Number 3226, Testing in the form of forced-choice recognition decreases false memory on morphed faces, moved to Poster Number 3201, Friday Evening, 4:00 p.m.-7:30 p.m.**

**Poster Number 3227, Psychoactive Drugs and Episodic Memory: A Meta-Analysis of Recollection, Familiarity, and Metamemory Effects, moved to Poster Number 3135, Friday Evening, 4:00 p.m.-7:30 p.m.**
Poster Number 4060, Testing Embodied Cognition Through Color Adaptation, Presenter changed to: KATJA WIEMER, Northern Illinois University

Poster Number 5116, Autistic trait burden and false hearing: Evidence for weak central coherence, moved to Poster Number 4217, Saturday Noon, 11:00 a.m.-1:30 p.m.

Authors Added/Corrected
Spoken Talk 9, Correct Author list is: Ayala S. Allon, Ohio State University, Andrew B. Leber, Ohio State University (Author order was incorrectly listed in program)

Poster Number 2225, Correct Author list is: Maria Alexeeva, NRU - Higher School of Economics, Andriy Myachykov, Northumbria University, Beatriz Bermudez-Margaretto, NRU Higher School of Economics, Yury Shtyrov, Aarhus University

Poster Number 4170, Correct Author list is: Caroline Hornburg, Virginia Tech, Garrett O’Day, Purdue University, Jeffrey Karpicke, Purdue University (Caroline Hornburg affiliation updated, corrected email address: cbhornburg@gmail.com)

Symposium Changes/Corrections
Symposium I (What Memory Quirks, Hiccups and Odd Phenomena Tell Us): In Condensed Schedule C (page xxxvi) of the printed program, the author listing is incorrect. The correct author listing is as follows: (34) 10:00-10:15 AM Peynircioglu, Wong; (35) 10:20-10:35 AM Undorf; (36) 10:40-10:55 AM Smith; (37) 11:00-11:15 AM O'Connor, Aitken; (38) 11:20-11:35 AM Cleary, Huebert, McNeeley-White; (39) 11:40-11:55 AM Mulligan.

Symposium III (Seeking Explicit Cognitive Processes in Animals): In Condensed Schedule C (page xliii) of the printed program, the author listing is incorrect. The correct author listing is as follows: (164) 10:00-10:15 AM Smith; (165) 10:20-10:35 AM Manns; (166) 10:40-10:55 AM Church; (167) 11:00-11:15 AM Hampton; (168) 11:20-11:35 AM Pepperberg; (169) 11:40-11:55 AM Schwartz

Symposium I (What Memory Quirks, Hiccups and Odd Phenomena Tell Us): In the printed program (page 8), the day is incorrectly listed as Saturday Morning. The correct day is Friday Morning. We sincerely regret this error.

Symposium III (Seeking Explicit Cognitive Processes in Animals): In the printed program (page 37), the day is incorrectly listed as Friday Morning. The correct day is Saturday Morning. We sincerely regret this error.