

Curriculum Vitae

Jonathon Whitlock, M.S.

Ph. D Student

Psychology Program | University of Illinois at Urbana-Champaign

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Education

- 2020 **M.S., Psychology**
University of Illinois at Urbana-Champaign, Urbana IL
Advisor: Dr. Lili Sahakyan, Ph.D
- 2012-2015 **B.A., Psychology, Philosophy (Minor)**
University of Michigan-Dearborn, Dearborn, MI
High Distinction
Honors Thesis: Representation of Emotional Intentions
Dr. Arlo Clark-Foos, Primary Adviser; Dr. Dan Swift, Secondary Adviser
- 2002-2009 **A.A., Liberal Arts**
Oakland Community College, Auburn Hills, MI

Honor Societies, Awards, and Grants

- 2021 UIUC Campus Research Board Grant
- 2015 The International Honor Society in Psychology (PSI CHI)
- 2014-2015 Top Student in Psychology Award
- Fall 2014 The National Society of Leadership and Success (NSLS) (Sigma Alpha Pi)
- Fall 2014 Presidential Status in NSLS
- Fall 2014 National Engaged Leader Award in NSLS
- 2012-2015 Dean's List, College of Arts, Sciences and Letters, University of Michigan - Dearborn

Research Experience & Academic Support

- 2017-Current **Graduate Research Assistant**, Context Memory and Forgetting Laboratory, PI: Dr. Lili Sahakyan, Ph.D.
University of Illinois at Urbana-Champaign
- My responsibilities include:
- Designing studies, data collection and analyzing
 - Collect and analyze eye-tracking data in healthy college-aged adults

- Presentation of study design, data analyzing, results, and conclusions
- Preparing for conference presentations
- Overseeing honors student projects: design, data analyzing, and write-up
- Organizing lab schedules for undergraduate research assistants and lab meetings to discuss ongoing research
- Training of undergraduates on research projects for data collection

2013-2017 **Undergraduate Research Assistant**, Human Learning and Creativity Lab (HuLC), PI: Dr. Arlo Clark-Foos, Ph.D

- Study design (Honors Thesis, under Dr. Clark-Foos' mentorship)
- Understanding research methodology for and theory behind research studies
- Data collection with human subjects
- Training research assistants in lab procedures, including how to interact with and collect data from participants
- Preparing research posters for conference presentations

2013-2017 **Supplemental Instruction Leader**, Department of Behavioral Sciences, University of Michigan - Dearborn

Courses I assisted with include:

- Principles of Statistics and Experimental Design
- Cognitive Psychology
- Learning & Memory

My responsibilities included:

- Creating study materials and activities to complement professor's course lectures
- Holding instructional study sessions and implementing activities
- Working individually with students to reinforce class material
- Working to foster a thorough understanding of difficult topics
- Attending every lecture for the courses I support.

Examples of topics I cover that students find particularly difficult include: Measures of Central Tendency, Central Limit Theorem, Sampling Distribution of the Mean, Hypothesis Testing, t-tests, One-Way and Two-Way ANOVA, and Chi Square

Publications

Ding, H., **Whitlock, J.**, Sahakyan, L. (2022). Can intentional forgetting reduce the cross-race effect in memory? *Psychonomic Bulletin & Review*.

Whitlock, J., Hubbard, R., Sahakyan, L., (Submitted). Trial-level fluctuations in pupil dilation during encoding reflect strength of relational binding. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.

Whitlock, J., Chiu, Y., Sahakyan, L., (2022). Directed forgetting in associative memory: Dissociating item and associative impairment. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 48(1), 29-42.

Whitlock, J., Lo, Y., Chiu, Y., Sahakyan, L., (2020). Eye movement analyses of strong and weak memories and goal-driven forgetting. *Cognition*, 204.

Research Presentations

Whitlock, J., Sahakyan, L. (April 2022). *Pupil-size fluctuations during learning predict relational binding*. Paper presented at the 94th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Whitlock, J., Sahakyan, L. (April 2022). *First gaze viewing measures reflect previous experience and memory strength*. Poster presented at the 94th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Whitlock, J., Sahakyan, L., Hubbard, R. (November 2021). *Pupil-size fluctuations at encoding predict item-to-context binding*. Poster presented at the 62nd Annual Meeting of the Psychonomic Society, Virtual.

Whitlock, J., Sahakyan, L. (April 2021). *Directed Forgetting of Associative Memory Evident in Eye-Movements*. Paper presented at the 93rd Annual Meeting of the Midwestern Psychological Association, Virtual.

Whitlock, J., Lo, Y., Chiu, Y., Sahakyan, L., (May 2020) *Eye movements differentiate intentional forgetting from strength-based memory differences*. Paper presented at the 16th Annual Meeting of the Context and Episodic Memory Symposium, Virtual.

Whitlock, J., Lo, Y., Chiu, Y., Sahakyan, L., (April 2020). *How is intentional forgetting reflected in implicit eye movements?* Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, Virtual.

Whitlock, J., Sahakyan, L. (November 2020). *Eye Movements Differentiate Forgetting from Strength-Based Memory Differences*. Paper presented at the 61st Annual Meeting of the Psychonomic Society, Virtual.

Ding, H., **Whitlock, J.,** Lo, Y., Sahakyan, L. (November 2020). *Eye-Tracking Investigation of Cross-Race effect in Relational and Item Recognition*. Poster presented at the 61st Annual Meeting of the Psychonomic Society, Virtual.

Whitlock, J., Lo, Y., Chiu, Y., Sahakyan, L. (August 2020). *Eye Movements Differentiate Intentional Forgetting from Strength-Based Memory Differences*. Paper presented at the 18th Annual Meeting of the Context and Episodic Memory Symposium, Virtual.

Whitlock, J., Lo, Y., Chiu, J., Sahakyan, L. (April, 2020). *How is Intentional Forgetting Reflected in Eye Movements?* Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, Virtual.

Whitlock, J., Chiu, Y., Sahakyan, L., (November 2019). *Can We Intentionally Forget Relational Information?* Poster presented at the 60th Annual Meeting of the Psychonomic Society, Montreal, QC.

Sahakyan, L., Huiyu, D., **Whitlock, J.,** (November 2019). *Directed Forgetting of Same-Race and Cross-Race Faces*. Poster presented at the 60th Annual Meeting of the Psychonomic Society, Montreal, QC.

Whitlock, J., Chiu, Y., Sahakyan, L. (November, 2018). *What Can Eye Movements Reveal About Intentional Forgetting?* Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.

- Clark-Foos, A., Urbanik, C., **Whitlock, J.** (November, 2016). *Intentional Superiority Effects for Participant-Generated Prospective Memories*. Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.
- Letang, S., **Whitlock, J.**, Pfannes, K., Yousif, M., Clark-Foos, A. (May, 2015). *What is the Fate of Naturally Occurring Prospective Memories?* Poster presented at the 88th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Whitlock, J.**, Forrest, S., Clark-Foos, A. (May, 2015). *Representation of Emotional Intentions*. Paper presented at the 23rd Annual Meeting of Minds at University of Michigan - Dearborn, Dearborn, MI.
- Whitlock, J.**, Clark-Foos, A. (May, 2015). *Metacognition in the Human Biocomputer*. Poster presented at the Annual Meeting of Minds at University of Michigan - Dearborn, Dearborn, MI.
- Hanosh, M., Bartnicki, J., & **Whitlock, J.** (May, 2015). *What is the Fate of Naturally Occurring Prospective Memories?* Poster presented at the 22nd Annual Meeting of the Minds, Dearborn, MI.
- Whitlock, J.**, Forrest, S., Clark-Foos, A. (March, 2015). *Emotional Representation of Intentions*. Paper presented at the Undergraduate Research Showcase of the College of Arts, Sciences, and Letters at University of Michigan - Dearborn, Dearborn, MI.
- Whitlock, J.**, Clark-Foos, A. (March, 2015). *Metacognition in the Human Biocomputer*. Poster presented at the Undergraduate Research Showcase of the College of Arts, Sciences, and Letters at University of Michigan - Dearborn, Dearborn, MI.
- Whitlock, J.** & Clark-Foos, A. (May, 2014). *Interpersonal Reality Monitoring: The Devil is in the Details*. Paper presented at the 22nd Annual Meeting of Minds at Oakland University, Rochester, MI.
- Whitlock, J.**, Las, D., Tout, W., & Clark-Foos, A. (March, 2014). *Source Monitoring in a Prospective Memory Task*. Paper presented at the Undergraduate Research Showcase of the College of Arts, Sciences, and Letters at University of Michigan - Dearborn, Dearborn MI.
- Las, D., **Whitlock, J.**, Morris, R., Holley, M., Pfannes, K., Cook, G., & Clark-Foos, A. (March, 2014). *Remembering may affect remembering to do something else*. Poster presented at the 60th Annual Meeting of the Southeastern Psychological Association, Nashville, TN.

Teaching & Course Development

2018 –Current **Teaching Assistant**

Department of Psychology, University of Illinois at Urbana Champaign

- Taught Introduction to Psychology course, including an Honors section
 - Planned lessons and assignments, led Team Exercise Days
 - Coordinated and led Discussions Days for the Honors Section
- Developed an online course for Learning & Memory
 - Developed lesson plans, including audio & video recordings
 - Developed assignments, exam questions/format
 - Coordinated lesson plans & recordings with online platform Moodle

Research Skills

- **Cognitive Behavioral Research**
 - Study design using E Prime 2.0 & 3.0
 - Data collection & analyzing

- **Eye Tracking**
 - Collected eye-tracking data on over 100 healthy adults
 - Transforming raw eye-tracking data using MATLAB scripts
- **R**
 - Mixed Effects Models, using lme4 package
 - Bayesian analysis, using brms package
 - Data visualization using ggplot2 package
 - Data transformation using dplyr package