

CURRICULUM VITA

MEGAN H. PAPESH

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EDUCATION

Ph.D., Psychology (2012), Arizona State University, Tempe, Arizona.
Dissertation: *Source memory revealed through eye movements and pupil dilation.*

M.A., Psychology (2008), Arizona State University, Tempe, Arizona.

B.S., Psychology (2005), Baldwin-Wallace College, Berea, Ohio.

ACADEMIC EMPLOYMENT

Associate Professor Psychology Department, University of Massachusetts
Lowell
August 2023 – present

Assistant/Associate
Professor Department of Psychology, New Mexico State University
August 2020 – July 2023

Assistant/Associate
Professor Department of Psychology, Louisiana State University
August 2012 – 2020

OTHER PROFESSIONAL ROLES

Associate Chair Department of Psychology, University of Massachusetts
Lowell
July 2024 – present

Program Co-Coordinator PhD in Psychology, University of Massachusetts Lowell
July 2024 – present

Associate Editor *Attention, Perception, and Psychophysics*
January 2026 – present

BMC Psychology
July 2020 – present

Co-Director Discovery Scholars Program, New Mexico State University
May 2020 – July 2023

CURRENT or COMPLETED FUNDING ACTIVITIES

- University of Massachusetts Lowell Internal Seed Grants 2024
Exploring Racial Disparities in Medical Image Perception
 Role: Principal Investigator
 Co-Investigator: Ivy K. Ho
 Total budget: \$14,650
 Proposed Project Period: July 2024 – May 2025
 Status: Funded, in progress
- National Science Foundation, Build and Broaden 2.0 2024
Exploring the Impact of Arousal on Event Memory
 Role: Principal Investigator, UML Consortium
 Principal Investigator: Daniella K. Cash (SHSU)
 Total UML costs: \$399,146
 Proposed Project Period: January 2025 – December 2027
 Status: Revisions in progress
- NIH, National Cancer Institute, R01
Failures to detect early-stage cancer: Perceptual and cognitive challenges in radiology
 Role: Principal Investigator
 Total costs: \$TBD
 Ant. Submission: July 2024
 Status: Revisions in progress
- NIH, NM-INBRE 2021
Cognitive and Contextual Challenges in Image Analysis
 Role: Principal Investigator
 Total costs: \$35,970
 Proposed Project Period: April 2021 – March 2022
 Status: Awarded, completed
- LSU, College of Humanities and Social Sciences, Strategic Enhancement 2018
Psychology Department Bayesian Workshop
 Total costs: \$700 (College, matching funds via Dept.)
 Status: Funded, complete
- NIH, National Institute on Child Health and Human Development, R01 2014
 Grant (#1 R01 HD075800-01)
Cognitive Load in the Bilingual Brain: Insights from Decoupled Reading
 Role: Principal Investigator, Louisiana State University Consortium
 Principal Investigator: Stephen D. Goldinger (ASU)
 Total costs: \$2,505,370

LSU Consortium budget: \$524,284
Project Period: January 2014 – December 2019
Status: Awarded, completed

- LSU, Board of Regents, Traditional Enhancement 2014
Psychology Department EEG Neuroscience Lab
Role: Co-investigator
Principal Investigator: Dr. Sean Lane (LSU)
Total costs: \$102,000 (approx.)
Status: Completed
- Louisiana State University, Summer Stipend Program 2013
Psychophysiological Reflexes as a Pure Index of Memory Strength
Total costs: \$5000
Status: Completed

AWARDS

- Tiger Athletic Foundation Undergraduate Teaching Award 2014, 2019
Rising Star, Association for Psychological Science 2016
Emerging Scholar Rainmaker Award, Louisiana State University 2015
Robert B. Cialdini Dissertation Prize in Psychology, Arizona State University 2011

IMPACT / CITATIONS (SOURCE: [GOOGLE SCHOLAR](#); JAN 2026)

Citations: 2957 h-index: 21 i10-index: 28

PUBLICATIONS (GRADUATE STUDENT AUTHORS DENOTED BY *; UNDERGRADUATES DENOTED BY **)

TOTAL = 39 ; SINCE TENURE (2018) = 24

- *Del Sordo, G. C., *Tardivo, F., **Papesh, M. H.** (in press). The Complex Card Matching Task (CCMT): A PsychoPy-Based Task for Studying the Exploration-Exploitation Trade-off. In press at: *The Journal of Open Research Software*
- *Del Sordo, G. C. & **Papesh, M. H.** (2026). Exploration vs. exploitation in a novel complex card matching task: Evidence from pupillometry. *Cognitive, Affective, & Behavioral Neuroscience*. <https://doi.org/10.3758/s13415-025-01377-y>
- *Davis, A. R., **Charles, S. D., **Papesh, M. H.**, Gerson, J., & Shen, J. (in press). Memory after sports-related traumatic brain injuries in pediatric and young adult athletes: A scoping review. *Journal of Pediatric Psychology*, 50(12), 1099-1114. <https://doi.org/10.1093/jpepsy/jsaf075>
- Godwin, H.J., Dewis, H., Darch, P.T., Hout, M.C., Ernst, D., Broadbent, P., **Papesh, M. H.**, & Wolfe, J.W. (2025). A sharing practices review of the visual search and eye

movements literature reveals recommendations for our field and others. *Behavior Research Methods*, 57(9), 235. <https://doi.org/10.3758/s13428-025-02759-3>

Cash, D.K., **Papesh, M. H.**, & *Harrison, A.T. (2025). False memories of familiar faces: The role of familiarity in recognition and source memory. *Experimental Psychology*, 71(6), 313–323. <https://doi.org/10.1027/1618-3169/a000631>

Cash, D.K., **Papesh, M.H.**, Russell, T.D., & Harrison, A.T. (2025). The effects of confidence consistency and delay on perceptions of eyewitness. *Legal and Criminal Psychology*, 30(2), 335-348. <https://doi.org/10.1111/lcrp.12316>

Papesh, M. H., Hout, M.C, *Del Sordo, G.C., *White, B.L., & *Mathis, A.P. (2025). Eye-tracking as a lens into expertise development in visual search. *Proc. ACM Hum.-Comput. Interact.*, Vol. 9, No. 3, Article v9ETRA12

Papesh, M. H., Cash, D. K., Guevara Pinto, J. D., & **Lomba, S. (2024). Spotting missing or wanted people: Racial biases in person prospective memory. *Cognitive Research: Principles and Implications*, 9(68). <https://doi.org/10.1186/s41235-024-00597-z>

Cash, D.K., Russell, T.D., Harrison, A.T., & **Papesh, M.H.** (2024). Evaluating eyewitnesses: Translating expressions of pre- and post-identification confidence. *Applied Cognitive Psychology*, <https://doi.org/10.1002/acp.4163>

Guevara Pinto, J.D. & **Papesh, M.H.** (2023). High target prevalence may reduce the spread of attention during search tasks. *Attention, Perception, & Psychophysics*, doi: 10.3758/s13414-023-02821-2

Valdez, A. B., **Papesh, M. H.**, Goldinger, S. D., Treiman, D. M., & Steinmetz, P. N. (2022). Encoding of race categories by single neurons in the human brain. *NeuroSci*, 3, 419-439. <https://doi.org/10.3390/neurosci3030031>

Urgolites, Z. J., Wixted, J. T., Goldinger, S. D., **Papesh, M. H.**, Treiman, D. M., Squire, L. R., & Steinmetz, P. N. (2022). Two kinds of memory signals in neurons of the human hippocampus. *Proceedings of the National Academy of Sciences*, 119(19), e2115128119. <https://www.pnas.org/doi/10.1073/pnas.2115128119>

Hout, M. C., **Papesh, M. H.**, Masadeh, S. *Sandin, H., Post, P., *Madrid, J., *White, B., Guevara Pinto, J. D., **Welsh, J., *Goode, D., *Skulsky, R., & **Cazares Rodriguez, M. (2022). The Oddity Detection in Diverse Scenes (ODDS) database: Validated real-world scenes for studying anomaly detection. *Behavioral Research Methods*. [10.3758/s13428-022-01816-5](https://doi.org/10.3758/s13428-022-01816-5)

Guevara Pinto, J.D., **Papesh, M.H.**, & Hicks, J.L. (2022). Flexible attention allocation dynamically impacts incidental encoding in prospective memory. *Memory & Cognition*, 1-17. doi: 10.3758/s13421-021-01199-6

- Leonard, T., Lemme, R., Kral, C., Santiago, B., Elberts, D. O., Dewald, S., McGonagill, P., Waclawski, P., Bay, C., Koo, P. J., **Papesh, M. H.**, Goldinger, S. D., Kodibagkar, V., Dragovich, T., Choti, M., Wang, H., Kundranda, M., & Chang, J. C. (2021). High-percentage of early resectable pancreatic ductal adenocarcinoma is unidentified on abdominal CT obtained for unrelated diagnosis. *Annals of Clinical Oncology*, ISSN 2674-3248. https://www.sciencerepository.org/high-percentage-of-early_ACO-2021-2-103
- Papesh, M. H.**, Hout, M. C., *Guevara Pinto, J. D, Robbins, A., & **Lopez, A. (2021). Eye movements reflect expertise development in hybrid search. *Cognitive Research: Principles and Implications*, 6(7). <https://doi.org/10.1186/s41235-020-00269-8>
- *Guevara Pinto, J. D., **Papesh, M. H.**, & Hout, M. C. (2020). The detail is in the difficulty: Challenging search facilitates rich incidental object encoding. *Memory & Cognition*. doi: 10.3758/s13421-020-01051-3
- Urgolites, Z., Wixted, J. T., Goldinger, S. D., **Papesh, M. H.**, Squire, L. R., Smith, K. A., Treiman, D. T., & Steinmetz, P. N. (2020). Spiking activity in the human hippocampus prior to encoding predicts subsequent memory. *Proceedings of the National Academy of Sciences*, 117(24), 13767-13770. doi: 10.1073/pnas.2001338117
- *Moen, K. C., *Guevara-Pinto, J. D., **Papesh, M. H.**, & Beck, M. R. (2019). Not all information in visual working memory is forgotten equally. *Consciousness and Cognition*, 74, 102782
- Papesh, M. H.** & *Guevara Pinto, J. D. (2019). Spotting rare items makes the brain “blink” harder: Evidence from pupillometry. *Attention, Perception, & Psychophysics*, 81, 2635-2647.
- Papesh, M. H.**, Hicks, J. L., & *Guevara-Pinto, J. D. (2019). Retrieval dynamics of recognition and rejection. *Quarterly Journal of Experimental Psychology*, 72, 2328-2341.
- *Guevara Pinto, J. D. & **Papesh, M. H.** (2019). Incidental memory in rapid serial visual search: The role of attention allocation strategies. *Journal of Experimental Psychology: Human Perception and Performance*, 45, 1174-1190.
- Hicks, J.L., *Spitler, S., & **Papesh, M. H.** (2019). Response dynamics of event-based prospective memory retrieval. *Memory & Cognition*, 47, 923-935.
- Papesh, M. H.**, *Heisick, L. L., & **Warner, K. M. (2018). The low-prevalence effect in unfamiliar face-matching: The roles of feedback and criterion shifting. *Journal of Experimental Psychology: Applied*, 24, 416-430. <http://dx.doi.org/10.1037/xap0000156>

- *Cash, D., *Heisick, L. L., & **Papesh, M. H.** (2018). Expectancy effects in the Autonomous Sensory Meridian Response. *PeerJ*, 6:e5229 <https://doi.org/10.7717/peerj.5229>
- Papesh, M. H.** (2018). Photo ID verification remains challenging despite years of practice. *Cognitive Research: Principles and Implications*, 3:19. <https://doi.org/10.1186/s41235-018-0110-y>
- Wixted, J. T., Goldinger, S. D., Squire, L. R., Kuhn, J., **Papesh, M. H.**, Smith, K. A., Treiman, D. T., & Steinmetz, P. N. (2018). Coding of episodic memory in the human hippocampus. *Proceedings of the National Academy of Sciences*, 115, 1093-1098.
- *Acklin, D. & **Papesh, M. H.** (2017). Modern speed-reading apps do not foster reading comprehension. *American Journal of Psychology*, 130, 183-199. doi: 10.5406/amerjpsyc.130.2.0183
- Goldinger, S. D., **Papesh, M. H.**, Barnhart, A. B., Hansen, W. A., & Hout, M. C. (2016). The poverty of embodied cognition. *Psychonomic Bulletin & Review*, 23, 959-978. doi: 10.3758/s13423-015-0860-1
- Papesh, M. H.**, Goldinger, S. D., & Hout, M. C. (2016). Eye movements reveal fast, voice-specific priming. *Journal of Experimental Psychology: General*. doi: 10.1037/xge0000135
- Papesh, M. H.** (2015). Just out of reach: On the reliability of the action-sentence compatibility effect. *Journal of Experimental Psychology: General*, 144, e116-e141. doi: 10.1037/xge0000125
- Valdez, A. B., **Papesh, M. H.**, Treiman, D. M., Smith, K. S., Goldinger, S. D., & Steinmetz, P. N. (2015). Distributed representation of visual objects by single neurons in the human brain. *Journal of Neuroscience*, 35, 5180-5186. doi: 10.1523/JNEUROSCI.1958-14.2015
- Wixted, J. T., Squire, L. R., Jang, Y., **Papesh, M. H.**, Goldinger, S. D., Smith, K. A., Treiman, D. M., & Steinmetz, P. N. (2014). Sparse and distributed coding of episodic memory in neurons in the human hippocampus. *Proceedings of the National Academy of Sciences*. www.pnas.org/cgi/doi/10.1073/pnas.1408365111
- Papesh, M. H.**, & Goldinger, S. D. (2014). Infrequent identity mismatches are frequently undetected. *Attention, Perception, & Psychophysics*, 76, 1335-1349. doi: 10.3758/s13414-014-0630-6
- Hout, M. C., **Papesh, M. H.**, & Goldinger, S. D. (2013). Multidimensional Scaling. *WIREs Cognitive Science*, 4, 93-103. doi: 10.1002/wcs.1203

- Papesh, M. H., & Goldinger, S. D.** (2012). Memory in motion: Movement dynamics reveal memory strength. *Psychonomic Bulletin & Review*, *19*, 906-913. doi: 10.3758/s13423-012-0281-3
- Goldinger, S. D. & **Papesh, M. H.** (2012). Pupil dilation reflects the creation and retrieval of memories. *Current Directions in Psychological Science*, *21*, 90-95.
- Papesh, M. H. & Goldinger, S. D.** (2012). Pupil-blah-metry: Cognitive indices of attentional dynamics in delayed naming. *Attention, Perception, and Psychophysics*, *74*, 754-765. doi: 10.3758/s13414-011-0263-y
- Papesh, M. H., Goldinger, S. D., & Hout, M. C.** (2012). Memory strength and specificity revealed by pupillometry. *International Journal of Psychophysiology*, *83*, 56-64. doi: 10.1016/j.ijpsycho.2011.10.002
- Papesh, M. H. & Goldinger, S. D.** (2010). A multidimensional scaling analysis of own- and cross-race face spaces. *Cognition*, *116*, 283-288. doi: 10.1016/j.cognition.2010.05.001
- Goldinger, S. D., He, Y., & **Papesh, M. H.** (2009). Deficits in cross-race face learning: Insights from eye-movements and pupillometry. *Journal of Experimental Psychology: Learning, Memory and Cognition*, *35*, 1105-1122. doi: 10.1037/a0016548
- Papesh, M. H. & Goldinger, S. D.** (2009). Deficits in cross-race face recognition: No evidence for encoding-based effects. *Canadian Journal of Experimental Psychology*, *64*, 253-262. doi: 10.1037/a0015802

BOOKS

- Papesh, M. H. & Goldinger, S. D.** (Eds.; 2024). *Modern Pupillometry: Cognition, Neuroscience, and Practical Applications*. Springer.

EDITED VOLUME CHAPTERS

- Papesh, M. H., *Del Sordo, G.C., & Hout, M.** (in press). Eye-tracking and pupillometry. In E. Chrysikou (Ed.) *Cognitive Neuroscience Methods*. Springer Nature.
- *Cairney, B., *Chaisson, F., & **Papesh, M. H.** (2024). Learning, remembering, and forgetting: Pupillometry studies of memory. In Papesh, M.H. & Goldinger, S.D. (Eds.), *Modern Pupillometry: Cognition, Neuroscience, and Practical Applications*. Springer Nature.
- Papesh, M. H., & Goldinger, S. D.** (2015). Pupillometry and Memory: External Signals of Metacognitive Control. In Gendolla, G.H.E, Tops, M., & Koole, S. (Eds.),

Handbook of Biobehavioral Approaches to Self-Regulation. NY: Springer. Pp. 125-139.

Papesh, M. H. & Goldinger, S. D. (2013). Recollection is fast and easy: Pupillometric studies of face memory. In B. Ross (Ed.), *The Psychology of Learning and Motivation, Vol. 59*, pp. 191-222.

Papesh, M. H., & Goldinger, S. D. (2011). Your effort is showing! Pupil dilation reveals memory heuristics. In P. Higham & J. Leboe (Eds.), *Constructions of Remembering and Metacognition* (pp. 215-224). Palgrave Macmillan.

OTHER SCIENTIFIC WRITING

*Zappe, A. & **Papesh, M. H.** (2024). How to see it both ways. *Frontiers for Young Minds*, 2:1236524. doi: 10.3389/frym.2024.1236524

*Del Sordo, G.C., & **Papesh, M. H.** (2024). Ouch! What is pain and why do we need it? *Frontiers for Young Minds*, 12:1221084. doi: 10.3389/frym.2023.1221084

*Thoksakis, A. & **Papesh, M. H.** (2022). Why do some people see, hear, and feel “ghosts?” *Frontiers for Young Minds*, doi: 10.3389/frym.2022.790073

*Thomas, A-F. & **Papesh, M. H.** (2022). Why are we so scent-imental? Studying the effects of odor-evoked memories on our lives. *Frontiers for Young Minds*. 10:667792. doi: 10.3389/frym.2022.667792

Guevara Pinto, J.D., **Papesh, M.H.**, & Hout, M.C. (2021). Learning by accident: Sometimes memory errors are not totally wrong. *Frontiers for Young Minds*, 9:588337. doi: 10.3389/frym.2021.588337

Papesh, M. H. (2014, March 24). How hard is it to catch a fake passport? *Scientific American Mind Guest Blog*: <http://blogs.scientificamerican.com/mind-guest-blog/2014/03/24/how-hard-is-it-to-catch-a-fake-passport/>

PUBLISHED SUMMARIES

Sabik, M., Scarince, C., **Papesh, M.H.**, Godwin, H., Goldinger, S., & Hout, M. (2016). Rare targets induce less perceptual readiness: Evidence from pupillometry. *Journal of Vision*, 16(12), 1162-1162.

Hout, M. C., **Papesh, M. H.**, & Goldinger, S. D. (2012). RSVPupillometry: Incidental memory and psychophysiology in rapid-serial multiple-target search. Summary

RESEARCH COVERAGE IN POPULAR MEDIA

- Adame, A. (2020). NMSU psychology professor researches brain's 'ready to remember' mode. *Las Cruces Sun*.
- Bergland, C. (2020). The human brain has a "ready to remember" mode. *Psychology Today*, <https://www.psychologytoday.com/za/blog/the-athletes-way/202006/the-human-brain-has-ready-remember-mode>
- Johnson, C. K. (2019, February 1). Science says: Can a Super Bowl ad give you brain tingles? *AP News*. <https://apnews.com/0ae4283c09394902adfcf9291d4e67eb>
- Goldhill, O. (2019, January 16). The replication crisis is killing psychologists' theory of how the body influences the mind. *Quartz*. <https://qz.com/1525854/psychologists-replication-crisis-is-debunking-embodied-cognition-theory/>
- Brueck, H. (2018, March 26). Stormy Daniels' pupils dilated during her '60 Minutes' interview – here's why her irises might have changed shape. *Business Insider*. <https://www.businessinsider.com/stormy-daniels-do-dilated-pupils-mean-youre-on-drugs-2018-3>
- Quenqua, D. (2014, June 23). Where personal memories take root. *The New York Times*. http://www.nytimes.com/2014/06/24/science/where-personal-memories-take-root.html?_r=1
- Mohan, G. (2014, June 16). What did you do today? Your brain 'remembers' it cell by cell. *The Los Angeles Times*. <http://www.latimes.com/science/sciencenow/la-sci-sn-brain-memory-cell-20140616-story.html>
- Papesh, M. H.** (2014, March 16). Interview by Arun Rath [audio podcast]. Photo identification: The 'best and worst way' to ID people. *NPR, All Things Considered*. <http://www.npr.org/2014/03/16/290677528/photo-identification-the-best-and-worst-way-to-id-people>
- Askt, D. (2014, March 14). The face of our ID problem. *The Wall Street Journal*. <http://online.wsj.com/news/articles/SB10001424052702303730804579435624281668950>
- Papesh, M. H.** (2014, March 12). Interview by R. Buchanan [video recording]. Matching faces to IDs fails often. *WBRZ, Baton Rouge*. <http://www.wbrz.com/videos/study-matching-faces-to-ids-fails-often/>

No author indicated. (2014, March 12). Matching faces to IDs fails often. *The Huffington Post*. http://www.huffingtonpost.com/2014/03/12/face-matching-errors_n_4949507.html

Papesh, M. H. (2014, March 12). Interview by Kevin Gallagher and Brian Haldance [audio podcast]. *The Talk, 107.3 Baton Rouge*. <http://www.talk1073.com/home/news/185195-LSU-research-shows-face-matching-for-passports-and-IDs-incredibly-fallible.html>

SUBMITTED MANUSCRIPTS / MANUSCRIPTS IN REVISION

*Wang, F. X., Cash, D. K. & **Papesh, M. H.** (under review). Mock-jurors are insensitive to accuracy differences between showups and lineups. Under review at: *Psychology, Public Policy, and Law*.

*Davis, A., **Papesh, M.H.**, & Shen, J. (under review). Why is my memory not working? Working memory problems after a traumatic brain injury. In prep for: *Frontiers for Young Minds*

Papesh, M. H. & *Del Sordo, G. C. (revision in progress). Only spontaneous eye movements ‘to nothing’ facilitate memory source memory. Reviewed at: *Experimental Psychology*

MANUSCRIPTS IN PREPARATION

Empirical Manuscripts in Preparation (all data collected)

Papesh, M. H., Starns, J., & Hicks, J. L. (in preparation). Strength-based mirror effects in memory: Mouse tracking criterion shifts.

Papesh, M. H., Cash, D. K., & Guevara Pinto, J. D. (in preparation). Knowing what you don’t know: How memory is used to appreciate novelty.

Papesh, M. H. & *Del Sordo, G. C. (in preparation). Attentional dynamics in prospective memory: Insights from pupillometry.

Non-Empirical Manuscripts in Preparation

*Hayati, H. & **Papesh, M.H.** (in prep). Faces, memory, and the brain: How we recognize people in a lineup. In prep for: *Frontiers for Young Minds*

Quinn, A., **Amalan, F., & **Papesh, M. H. (in prep). Racial biases in the search for missing people. In prep for: *Frontiers for Young Minds*.

INVITED TALKS

- Papesh, M. H.** (2021). Best practices in identity verification. *Invited talk presented to the Notaries for Alabama and the Texas Notary Public Training Academy (August 2021).*
- Papesh, M. H.** (2019). Hiding in plain sight. *Invited talk presented at PechaKucha Night in Baton Rouge, LA (February, 2019).* <https://www.pechakucha.com/cities/baton-rouge/presentations/hiding-in-plain-sight>
- Papesh, M. H.** (2018). Paradoxes of perception: How statistical learning affects what people see and remember. *Invited talk presented at Macquarie University, in Sydney, Australia (August, 2018).*
- Papesh, M. H.** (2018). How do I know you? *Invited talk presented at LSU Science Café, in Baton Rouge, LA (June, 2018).*
- Papesh, M. H.** (2018). Evidence and causes of cross-racial impairment. *Invited talk presented at the North Carolina Racial Equity Network Training Session, in Chapel Hill, NC (March, 2018).*
- Papesh, M. H.** (2017). Identity verification: Best practices in unfamiliar face identification. *Invited talk presented at the Annual Education Conference of the Organization of Notaries Public, in Bangor, ME (April, 2017).*
- Papesh, M. H.** (2016). Single-cell studies of human episodic and semantic memory. *Invited talk presented at Tulane University (October, 2016).*
- Papesh, M.H.** (2015). The challenges of unfamiliar face matching. *Invited talk presented at National Notary Association Conference in Orlando, FL (June, 2015).*
- Papesh, M.H.** (2014). The low-prevalence effect in photo-ID verification. *Invited talk presented at Kwansei Gakuin University (September, 2014).*
- Papesh, M. H.** (2010). Memory revealed through physiology: The appeal of pupillometry to cognitive psychology. *Presentation given at the University of Pittsburgh (April, 2010).*

WORKSHOPS

- Papesh, M. H.** (2023). Preparing for grad school. *Workshop presented to El Paso Community College (Spring, 2023).*

- Papesh, M. H.** (Annually, 2020 – 2022). Discovery Scholars Program, Center for Undergraduate Research and Creative Activity: Applying for an NSF Graduate Research Fellowship. *Five-week workshop held annually at NMSU (September – October).*
- Papesh, M. H.** (2020). Publishing Scholarly Work. *Workshop presented virtually to El Paso Community College (November, 2020).*
- Papesh, M. H.** (2016). Preventing fraud through identity verification. *Invited workshops delivered at the National Notary Association Conference in Orange County, CA (June, 2016).*
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INTERNATIONAL PRESENTATIONS

- Papesh, M. H.,** Hout, M.C, *White, B.L., *Del Sordo, G.C., & *Mathis, A.P. (2025). Eye-tracking as a lens into expertise development in visual search. *Paper to be at the ACM ETRA Conference in Tokyo, Japan (May, 2025).*
- Papesh, M. H.,** *Del Sordo, G. C., & **Rowley, M. (2024). Using context to improve prospective memory: A pupillometry study. *Paper presented at the European Conference on Eye Movements in Maynooth, Ireland (August, 2024).*
- *Del Sordo, G. C. & **Papesh, M. H.** (2024). Understanding behavioral regulation: How the eyes reveal exploration-exploitation dynamics. *Paper presented at the European Conference on Eye Movements in Maynooth, Ireland (August, 2024).*
- Papesh, M. H.** (2016). The science behind identity verification. *Keynote address delivered at the Annual Meeting of BC Notaries in Whistler, BC (April, 2016).*
- Papesh, M. H. &** Goldinger, S. D. (2014). Pupil dilation reveals cognitive effort, and cognitive effortless. *Paper presented at the 17th World Congress of Psychophysiology Meeting in Hiroshima, Japan (September, 2014).*
- Papesh, M. H. &** Goldinger, S. D. (2011). The own-race bias is revealed by eye movements across converging memory procedures. *Paper presented at the 16th European Conference on Eye Movements in Marseille, France (August, 2011).*
- Papesh, M. H. &** Goldinger, S. D. (2011). The own-race bias in face perception: The role of cognitive demand. *Paper presented at the 5th International Conference on Memory, York, England (July, 2011).*
- Papesh, M. H. &** Goldinger, S.D. (2010). The eyes have it: Recollection from episodic memory as a fast, automatic process. *Poster presented at the 15th World Congress of Psychophysiology Meeting in Budapest, Hungary (September, 2010).*

Goldinger, S.D. & **Papesh, M. H.** (2009). Pupil dilation as an index of cognitive effort. *Poster presented at the Annual Meeting of the Society for Psychophysiological Research in Berlin, Germany (October, 2009).*

Papesh, M. H. & Goldinger, S.D. (2009). Exploring specificity effects in compound audio-visual memory. *Poster presented at the European Society for Cognitive Psychology conference in Krakow, Poland (September, 2009).*

Papesh, M. H. & Goldinger, S. D. (2008). Deficits in other-race face recognition: No evidence for encoding-based effects. *Poster presented at the Experimental Psychology Society conference at The University of Liverpool (April, 2008).*

DOMESTIC PRESENTATIONS

Papesh, M. H., Cash, D. K., & *Hayati, H. (2025). Repeated faces, reduced memory: The own-race bias is resistant to memory-strengthening methods. *Paper to be presented at the Annual Meeting of the Psychonomic Society in Denver, CO (November, 2025).*

*Del Sordo, G. C., **Alonso, M., **Papesh, M. H.**, & Hout, M. C. (2025). Pupillometry reveals distinct signatures of active and passive sustained attention. *Paper to be presented at the Annual Meeting of the Psychonomic Society in Denver, CO (November, 2025).*

*Hayati, H. & **Papesh, M. H.** (2025). Face recognition in lineup tasks: The impact of memory and spatial position on accuracy. *Poster to be presented at the Annual Meeting of the Psychonomic Society in Denver, CO (November, 2025).*

*Del Sordo, G. C. & **Papesh, M. H.** (2025). Not all uncertainty is equal: Task demands shape the exploration-exploitation tradeoff. *Poster to be presented at the Annual Meeting of the Psychonomic Society in Denver, CO (November, 2025).*

*Hernandez, O., *Lawrence, S., *Lanman, L., *Wang, F., **Spenard, K. D., **Paez, M. M., Cash, D. K., & **Papesh, M. H.** (2025). Does identification procedure type influence perceptions of eyewitness credibility? *Poster presented at the Southeastern Psychological Association, Atlanta, GA (March, 2025).*

*Hernandez, O., *Menke, A., *Dozier, J., **Wang, F., **Spenard, K. D., **Paez, M. M., Cash, D. K., & **Papesh, M. H.** (2025). Need for speed? Faster eyewitnesses are perceived as more accurate. *Poster presented at the Southwestern Psychological Association, Little Rock, AR (March, 2025).*

**Was an undergraduate student showcase finalist

*Wang, F., Cash, D. K., & **Papesh, M. H.** (2025). Examining how laypeople view lineup and showup identifications. *Data blitz presented to the American Psychology-Law Society, Puerto Rico, United States (March, 2025).*

- *Wang, F., Cash, D. K., & **Papesh, M. H.** (2025). The fast and the accurate? Evaluators consider identification speed when assessing eyewitness accuracy. *Paper presented to the American Psychology-Law Society, Puerto Rico, United States (March, 2025)*
- Papesh, M. H.**, Cash, D. K., & **Quinn, A. (2024). Be on the lookout: Racial biases in prospective person memory.. *Poster presented at the Annual Meeting of the Psychonomic Society in New York City, NY (November, 2024).*
- *Del Sordo, G. C. & **Papesh, M. H.** (2024). Validating a new measure of vigilant attention. *Poster presented at the Annual Meeting of the Psychonomic Society in New York City, NY (November, 2024).*
- *Mathis, A. P., * Del Sordo, G. C., Hout, M. C., **Papesh, M. H.**, *White, B., & *Penn, R. (2024). A closer look at perceptual training during an anomaly search task: target recognition and error distributions. *Poster presented at the Annual Meeting of the Object Perception and Memory Conference in New York City, NY (November, 2024).*
- *Del Sordo, G. C. & **Papesh, M. H.** (2024). Examining contextual cues in prospective memory using pupillometry. *Paper presented at the Annual Meeting of the Object Perception and Memory Conference in New York City, NY (November, 2024).*
- *Davis, A., **Charles, S., **Papesh, M.H.**, Gerson, J., & Shen, J. (2024). Memory Impairment after Sports-Related TBI in Pediatric and Young Adult Athletes: A Scoping Review. *Poster presented at the annual meeting of the American Psychological Association in Seattle, WA (August 2024).*
- Hout, M. C., **Papesh, M. H.**, *Penn, R., **Stutesman, E., & **Hernandez, J. (2024). Developing use-inspired basic research paradigms (and stimuli) for the study of medical image perception. *Poster presented to the 9th National IDEa Symposium of Biomedical Research Excellence (NISBRE): Washington DC (June, 2024).*
- **Wang, F., Cash, D. K., & **Papesh, M.H.** (2024). Perceived familiarity influences interpretations of eyewitness confidence statements. *Data blitz presented at the American Psychology-Law Society.*
- *Del Sordo, G.C., *Tardivo, F., & **Papesh, M.H.** (2023). Exploration vs. exploitation in a novel complex card sorting task: Evidence from pupillometry. *Poster presented at the Annual Meeting of the Psychonomic Society in San Francisco, CA (November, 2023).*
- *Zappe, A. & **Papesh, M. H.** (2023). Social encoding in retrieval-induced forgetting. *Poster presented at the Annual Meeting of the Psychonomic Society in San Francisco, CA (November, 2023).*

- Hout, M. C., **Papesh, M. H.**, *Penn, R., **Stutesman, E., & **Hernandez, J. (2023). Learning to find anomalies: How behavior and eye movements change across 7 weeks of training. *Paper presented at the Annual Meeting of the Psychonomic Society in San Francisco, CA (November, 2023).*
- **Stutesman, E., **Hernandez, J., *Penn, R., **Papesh, M. H.**, & Hout, M. C. (2023). An Exploration of Perceptual Training Methods for Improving Medical Image Perception Part 1: Training Sessions. *Poster presented at the Annual Meeting of the Object Perception and Memory Conference in San Francisco, CA (November, 2023).*
- **Hernandez, J., **Stutesman, E., *Penn, R., **Papesh, M. H.**, & Hout, M. C. (2023). An Exploration of Perceptual Training Methods for Improving Medical Image Perception Part 2: Retention and Transfer. *Poster presented at the Annual Meeting of the Object Perception and Memory Conference in San Francisco, CA (November, 2023).*
- Papesh M. H.**, Guevara Pinto, J. D., **Lomba, S., Cash, D. K. (2023). Ethnicity biases in prospective person memory. *Paper presented at the Annual Meeting of the Rocky Mountain Psychological Association (April, 2023).*
- *Del Sordo, G. C. & **Papesh, M. H.** (2023). Individual differences in attentional resource allocation and cognitive reserve: Evidence from pupillometry. *Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (April, 2023).*
- *Zappe, A. & **Papesh, M. H.** (2023). Social encoding in retrieval induced forgetting: The impacts of social identity on the dynamics of forgetting. *Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (April, 2023).*
- Hout, M. C., Masadeh, S., *Sandin, H., **Papesh, M. H.**, Post, P., *Madrid, J., *White, B., Guevara Pinto, J. D., **Welsh, J., *Goode, D., *Skulsky, R., **Cazares Rodriguez, M. (2021). The Oddity Detection in Diverse Scenes (ODDS) database: Rated and validated real-world scenes for studying anomaly detection. *Poster presented at the (virtual) Annual Meeting of the Psychonomic Society Virtual Meeting (November, 2021).*
- Bartels, M., Beyer, K., Maitland, A., Taft Peterson, R., Goldinger, S.D., **Papesh, M.H.**, Kundranda, M., Koo, P. J., Dragovich, T., & Chang, J.C. (2021). Characterization of undiagnosed pancreatic ductal adenocarcinoma on CT scans. *Poster presented at the (virtual) Annual Meeting of the Gastrointestinal Cancers Symposium (January, 2021).*
- Cash, D. K. & **Papesh, M. H.** (2020). Alternative assessments of memory: Ecphoric confidence versus anchored confidence. *Poster presented at the Annual Meeting of the Psychonomic Society Virtual Meeting (November, 2020).*

- Papesh, M. H.** & Guevara Pinto, J.D. (2019). Low-prevalence search shrinks the functional viewing field. *Paper presented at the Annual Meeting of the Psychonomic Society in Montreal, Canada (November, 2019).*
- *Guevara-Pinto, J.D. & **Papesh, M.H.** (2019). Leveling the viewing field: The influence of target prevalence on the attentional window. *Poster presented at the Annual Meeting of the Vision Sciences Society in St. Petersburg, Florida (May 2019).*
- **Dickson, N., *Cash, D. K. & Papesh, M.H. (2019). Remembering and rejecting: Not just two sides of the same coin. *Poster presented at the annual meeting of the Southeastern Psychological Association in Jacksonville, FL (March, 2019).*
- *Guevara Pinto, J. D., Hicks, J. L., & **Papesh, M. H.** (2018). Remembering to remember (and remembering other stuff too!): Incidental encoding in prospective memory. *Poster presented at the Annual Meeting of the Psychonomic Society in New Orleans, LA (November, 2018).*
- *Guevara Pinto, J. D. & **Papesh, M. H.** (2018). Spotting rare targets makes your brain “blink” longer, and your pupils grow larger. *Poster presented at the annual meeting of the Objects, Perception, Attention, and Memory Meeting in New Orleans (November, 2018).*
- *Cash, D. K. & **Papesh, M.H.** (2018). Knowing not: Similarities (and dissimilarities) between rejecting and remembering. *Poster presented at the annual meeting of the Objects, Perception, Attention, and Memory Meeting in New Orleans (November, 2018).*
- *Moen, K. C., *Guevara Pinto, J. D., **Papesh, M. H.**, & Beck, M. R. (2018). Feature vs Identity: Directed forgetting in visual working memory. *Poster presented at the annual Object Perception, Attention, and Memory (OPAM) conference in New Orleans, LA (November, 2018).*
- Wixted, J.T., Squire, L.R., **Papesh, M.H.**, Goldinger, S.D., & Steinmetz, P.N. (2018). Time course of the development of episodic memory signals in the human hippocampus. *Paper presented at the Annual Meeting of the Society for Neuroscience in San Diego, CA (November, 2018).*
- *Guevara Pinto, J., **Papesh, M.H.**, Hout, M.C., & Goldinger, S.D. (2018). Enhanced distractor memory following difficult search: The role of attention allocation in incidental encoding. *Poster presented at the Annual Meeting of the Vision Sciences Society in St. Petersburg, Florida (May 2018).*
- **Lass, M., *Guevara Pinto, J. D., & **Papesh, M. H.** (2018). The unrecognized benefits of attention allocation in prospective memory. *Poster presented at the Annual Meeting of the Southeastern Psychological Association in Charleston, SC (March 2018).*

- **Walker, M. & Papesh, M. H.** (2018). Impact of value on prospective memory performance in face matching. *Poster presented at the Annual Meeting of the Southeastern Psychological Association in Charleston, SC (March 2018).*
- Hicks, J. L., Spitler, S. N., & **Papesh, M. H.** (2018). The after-effects of intentions: Spontaneous retrieval, commission errors, and cost. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Charleston, SC (March 2018).*
- *Guevara Pinto, J. D. & **Papesh, M. H.** (2017). Low-prevalence target identification depletes attentional resources. *Poster presented at the Annual Meeting of the Psychonomic Society in Vancouver, BC (November, 2017).*
- *Heisick, L. L., *Acklin, D., *Guevara Pinto, J. D. & **Papesh, M. H.** (2017). Implicit versus explicit social classification in unfamiliar face perception. *Poster presented at the Annual Meeting of the Psychonomic Society in Vancouver, BC (November, 2017).*
- *Spitler, S. N., Hicks, J. L., & **Papesh, M. H.** (2017). After-effects of canceled intentions and retrieval dynamics in mouse-tracking. *Poster presented at the Annual Meeting of the Psychonomic Society in Vancouver, BC (November, 2017).*
- *Guevara Pinto, J. D., **Papesh, M. H.**, & **Johnson, A-K. (2017). From mouth to mouse: Mouse-trajectories reveal early voice-specificity effects. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Atlanta, GA (March 2017).*
- *Heisick, L. L. & **Papesh, M. H.** (2017). Parts versus whole: How does processing bias influence face matching? *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Atlanta, GA (March, 2017).*
- *Acklin, D. M. & **Papesh, M. H.** (2017). The role of distractor salience in goal-directed action. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Atlanta, GA (March, 2017).*
- *Guevara Pinto, J. D. & **Papesh, M. H.** (2016). The low-prevalence effect transfers to other tasks. *Poster presented at the Annual Meeting of the Psychonomic Society in Boston, MA (November, 2016).*
- Hout, M. C., Lopez, A., Robbins, A., & **Papesh, M. H.** (2016). Expertise fine-tunes mental representations of targets during challenging visual search. *Poster presented at the Annual Meeting of the Psychonomic Society in Boston, MA (November, 2016).*
- *Moen, K. M, *Guevara Pinto, J. D., **Papesh, M. H.**, & Beck, M. R. (2016). Directed forgetting in visual working memory: Detoured, not lost. *Paper presented at the annual Object Perception, Attention, and Memory (OPAM) Conference in Boston, MA (November, 2016).*

- *Heisick, L. L., **Warner, K. M, & **Papesh, M. H.** (2016). The persistence of the low-prevalence effect in unfamiliar face-matching. *Poster presented at the Annual Meeting of the Psychonomic Society in Boston, MA (November, 2016).*
- *Acklin, D. M. & **Papesh, M. H.** (2016). Unfamiliar face matching has profound amnesia. *Poster presented at the annual Object Perception, Attention, and Memory (OPAM) Conference in Boston, MA (November, 2016).*
- *Heisick, L. L. & **Papesh, M. H.** (2016). Cognitive effort or cognitive effortless. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in New Orleans, LA (March 2016).*
- *Acklin, D. M. & **Papesh, M. H.** (2016). Working memory and text difficulty affect comprehension during RSVP reading. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in New Orleans, LA (March 2016).*
- *Guevara-Pinto, J. D. & **Papesh, M. H.**, & Hout, M.C. (2016). RSVP search: Typicality effects in an atypical visual search task. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in New Orleans, LA (March 2016).*
- *Guevara-Pinto, J. D. & **Papesh, M. H.** (2015). Physical retrieval dynamics of unexpected processing fluency. *Poster presented at the Annual Meeting of the Psychonomic Society in Chicago, IL (November, 2015).*
- *Heisick, L. L. & **Papesh, M. H.** (2015). The perceptual and cognitive challenges of unfamiliar face matching. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Hilton Head, SC (March 2015).*
- *Guevara-Pinto, J. D. & **Papesh, M. H.** (2015). Retrieval dynamics in memory: The hand-mind connection. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Hilton Head, SC (March 2015).*
- Papesh, M. H.** & **Rausch, C.F. (2014). Context-based criterion shifts in photo-ID verification. *Poster presented at the Annual Meeting of the American Psychology-Law Society in New Orleans, LA (March, 2014).*
- **Heisick, L. & **Papesh, M. H.** (2014). Believe the Lie: Source monitoring errors for repeated lies. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Nashville, TN (March, 2014).*
- Papesh, M. H.** & Goldinger, S. D. (2013). Exploring the low-prevalence effect in photo-ID verification. *Poster presented at the Annual Meeting of the Psychonomic Society in Toronto, Canada (November, 2013).*
- Hout, M. C., **Papesh, M. H.**, & Goldinger, S. D. (2013). Pupil size reveals template construction and target detection in RSVP search. *Poster presented at the Annual Meeting of the Psychonomic Society in Toronto, Canada (November, 2013).*

- Wixted, J. T., **Papesh, M. H.**, Goldinger, S. D., Jang, Y., & Steinmetz, P. N. (2012). Representation of episodic memory strength by single neurons in the human hippocampus. *Paper presented at the Annual Meeting of the Psychonomic Society in Minneapolis, MN (November, 2012).*
- Papesh, M. H.** & Goldinger, S. D. (2012). Are eye movements “functional” for memory? *Poster presented at the Annual Meeting of the Psychonomic Society in Minneapolis, MN (November, 2012).*
- Papesh, M. H.**, Valdez, A. B., Treiman, D., Smith, K., Goldinger, S. D., & Steinmetz, P. N. (2012). Race-selective neurons in the human brain. *Poster presented at the Annual Meeting of the Society for Neuroscience in New Orleans, LA (October, 2012).*
- Wixted, J. T., **Papesh, M. H.**, Goldinger, S. D., & Steinmetz, P. N. (2012). Representation of episodic memory strength by single neurons in the human hippocampus. *Paper presented at the Annual Meeting of the Society for Neuroscience in New Orleans, LA (October, 2012).*
- Goldinger, S. D., Valdez, A. B., **Papesh, M. H.**, & Steinmetz, P. N. (2012). Single-neuron responses to emotional expressions in the human brain. *Poster presented at the Annual Meeting of the Society for Neuroscience in New Orleans, LA (October, 2012).*
- Hout, M. C., **Papesh, M. H.**, & Goldinger, S. D. (2012). RSVPpupillometry: Incidental memory and psychophysiology in rapid-serial multiple-target search. *Poster presented at the Vision Sciences Society 2012 Meeting in Naples, Florida (May, 2012).*
- Papesh, M. H.** & Goldinger, S. D. (2011). Response dynamics reveal underlying memory strength. *Poster presented at the Annual Meeting of the Psychonomic Society in Seattle, Washington (November, 2011).*
- Valdez, A. B., **Papesh, M. H.**, Treiman, D., Smith, K., Goldinger, S. D., & Steinmetz, P. N. (2011). Distributed visual representation of objects by single neurons in the human brain. *Paper presented at the Annual Meeting of the Society for Neuroscience in Washington, D.C. (November, 2011).*
- Steinmetz, P. N., **Papesh, M. H.**, Valdez, A., Treiman, D., Smith, K., & Goldinger, S. D. (2011). Single-neuron activity reflects source of memory in the human medial temporal lobe. *Paper presented at the Annual Meeting of the Society for Neuroscience in Washington, D.C. (November, 2011).*
- Papesh, M. H.**, Hout, M.C., & Goldinger, S.D. (2010). Eye movements and pupil dilations reveal fast, voice-specific priming. *Paper presented at the Annual Meeting of the Psychonomic Society in St. Louis, MO (November, 2010).*

Steinmetz, P.N., Goldinger, S.D., **Papesh, M. H.**, & Treiman, D. (2010). Single-neuron responses in continuous recognition memory for printed words. *Poster presented at the Annual Meeting of the Psychonomic Society in St. Louis, MO (November, 2010).*

Steinmetz, P.N., Goldinger, S.D., **Papesh, M. H.**, & Treiman, D. (2010). Repetition enhances single neuron responses to word recollection in human anterior cingulate cortex. *Paper presented at the Annual Meeting of the Society for Neuroscience in San Diego, CA (November, 2010).*

Papesh, M. H., Goldinger, S. D., & Killeen, P. R. (2009). Different Places for Identical Faces: Perceptual Space "Shrinks" for Other Races. *Poster presented at the Annual Meeting of the Psychonomic Society in Boston, MA (November, 2009).*

Papesh, M. H. & Goldinger, S. D. (2009). Pupil-Blah-Metry: Word frequency reflected in physiology. *Paper presented at the Western Psychology Association conference in Portland, OR (April, 2009).*

Papesh, M. H. & Goldinger, S. D. (2009). Fast and frugal is fine: Evidence for the recognition heuristic in city-size judgments. *Poster presented at the Western Psychology Association conference in Portland, OR (April, 2009).*

Papesh, M. H. & Goldinger, S. D. (2008) Pupil-blah-metry: Word frequency reflected in cognitive effort. *Poster presented at the Annual Meeting of the Psychonomic Society in Chicago, IL (November, 2008).*

STUDENT RESEARCH CONFERENCES

*Hernandez, O., *Lawrence, S., *Lanman, L., **Wang, F., **Spenard, K. D., **Paez, M. M., Cash, D. K., & **Papesh, M. H.** (2025). Does identification procedure type influence perceptions of eyewitness credibility? Poster presented the 18th Annual Undergraduate Research Symposium, Sam Houston State University, Huntsville, TX.

*Hayati, H., Sefidi, S. S., Dortaj, F., & **Papesh, M.H.** (2025). Neural signatures of face recognition: Investigating eyewitness testimony with EEG. *Poster presented at the Annual UML Student Research Symposium (Spring 2025).*

Bartlett, C., **Papesh, M.H., *Wang, F., & Cash, D. K. (2025). Potential jurors are insensitive to accuracy differences between showups and lineups. *Paper presented at the Annual UML Student Research Symposium (Spring 2025).*

Ibrahim, A. & **Papesh, M.H. (2025). What you see depends on how often you see it. *Poster presented at the Annual UML Student Research Symposium (Spring 2025).*

- **Maltsev, A., Papesh, M.H., & Cash, D.K. (2025).** Memory and attention in missing person searches: Racial differences in prospective person memory. *Poster presented at the Annual UML Student Research Symposium (Spring 2025).*
- **Adames, J. & Papesh, M.H. (2024).** Have you been paying attention? *Paper presented at the Annual UML Student Research Symposium (Spring 2024).*
- **Bisesti, N. & Papesh, M.H. (2024).** Memory meltdown: Unmasking the other-race effect. *Paper presented at the Annual UML Student Research Symposium (Spring 2024).*
- **Quinn, A. & Papesh, M.H. (2024).** Lost in the crowd: How racial biases affect face memory. *Poster presented at the Annual UML Student Research Symposium (Spring 2024).*
- **Rowley, M. & Papesh, M.H. (2024).** Remembering to remember: The connections between prospective memory and incidental learning. *Poster presented at the Annual UML Student Research Symposium (Spring 2024).*

TEACHING AND MENTORING

(* also prepped for asynchronous online delivery; + indicates online course prepped by another instructor)

Note: The “mean evaluation score” scale differs across universities:

- *LSU ranges from 1 (poor) to 5 (superior)*
- *ASU ranges from 1 (superior) to 5 (poor)*
- *NMSU did not use quantitative evaluations*
- *UML ranges from 1 (poor) to 5 (excellent)*

***Experimental Methods (PSYC 310, New Mexico State University / PSYC 2690 UMass Lowell).** *This is an undergraduate Psychology course covering core concepts in experimental design and methodology. In the four-credit version (NMSU), students design and conduct team-based research. In the three-credit version (UML), students design and propose team-based research.*

Fall 2025	25 Students	Mean Evaluation Score: 4.80
Sum. 2025*+	8 Students	Mean Evaluation Score: 5.00
Spring 2025*+	21 Students	Mean Evaluation Score: 4.80
Spring 2025	29 Students	Mean Evaluation Score: 4.80
Fall 2024	25 Students	Mean Evaluation Score: 4.80
Spring 2022	30 Students	
Fall 2022	39 Students	
Spring 2021	36 Students	

Professional Development in Psychology (PSYC 6001, UMass Lowell). *This is a graduate professional development seminar.*

Fall 2025	7 students	Mean Evaluation Score: 5.00
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Cognitive Neuroscience, Advanced Cognition (PSYC 570, New Mexico State University / PSYC 5880 UMass Lowell). *This is graduate Psychology course focused cognitive neuroscience methods, findings, and ways to incorporate them into students' own research.*

Fall 2023	6 Students	Mean Evaluation Score: TBD
Spring 2021	13 Students	

Sensation and Perception (PSY 522, New Mexico State University). *This is graduate Psychology course focused the neurobiology and psychology of perception.*

Fall 2020	18 Students
Spring 2023	9 Students

***Physiological Psychology / Psychology and the Brain / Biological Psychology (PSYC 4034, Louisiana State University / PSYC 375 New Mexico State University / PSYC 2730 UMass Lowell).** *This is a survey Psychology course focused the neurobiological bases of human behavior.*

Spring 2017	119 Students	Mean Evaluation Score: 4.73
Spring 2018	121 Students	Mean Evaluation Score: 4.81
Spring 2019	68 Students	Mean Evaluation Score: 4.80
Fall 2019	58 Students	Mean Evaluation Score: 4.90
Spring 2020	59 Students	Mean Evaluation Score: 4.99
Fall 2021	59 Students	
Spring 2022	73 Students	
Fall 2022	56 Students	
Spring 2024	48 Students	Mean Evaluation Score: 4.45
Fall 2024 ^{*+}	25 Students	Mean Evaluation Score: 4.30
Spring 2025 ^{*+}	35 Students	Mean Evaluation Score: 4.90
Sum. 2025 ^{*+}	12 Students	Mean Evaluation Score: 4.00
Fall 2025 [*]	31 Students	Mean Evaluation Score: 5.00

Memory & Forgetting / Memory (PSYC 4033, Louisiana State University, PSYC 383 New Mexico State University). *This is an upper-division Psychology course focused on fostering a deeper understanding of human memory systems, phenomena, and theory.*

Fall 2012	60 Students	Mean Evaluation Score: 4.75
Spring 2013	98 Students	Mean Evaluation Score: 4.76
Fall 2013	110 Students	Mean Evaluation Score: 4.73
Spring 2014	136 Students	Mean Evaluation Score: 4.77
Fall 2014	93 Students	Mean Evaluation Score: 4.88
Fall 2016	130 Students	Mean Evaluation Score: 4.89
Spring 2017	73 Students	Mean Evaluation Score: 4.81
Fall 2017	189 Students	Mean Evaluation Score: 4.79
Spring 2018	98 Students	Mean Evaluation Score: 4.79

Spring 2020 59 Students Mean Evaluation Score: 4.99
Fall 2021 49 Students

Oculomotor Measures of Cognition (PSYC 7938, Louisiana State University). *This is a seminar course in which students learn to both use and critically evaluate eye-tracking in cognitive science. Students also learn to write in ‘grant-speak’ by producing the student sections of an NRSA F-mechanism proposal.*

Fall 2015 13 Students Mean Evaluation Score: 4.63

Biological Bases of Behavior (PSYC 7034, Louisiana State University). *This is a graduate-level course required for all Psychology graduate students focused on the neurobiological underpinnings of human behavior.*

Spring 2015 20 Students Mean Evaluation Score: 4.89

Cognition (PSYC 3030, Louisiana State University). *This is an upper-division Psychology course focused on broad topics in cognition, including attention/perception, memory systems, language, and reasoning/decision-making.*

Fall 2012 50 Students Mean Evaluation Score: 4.83
Spring 2013 60 Students Mean Evaluation Score: 4.82
Fall 2013 71 Students Mean Evaluation Score: 4.66

Memory and Cognition (PSY 324, Arizona State University). *This is an upper-division Psychology course focused on broad topics in cognition, including attention/perception, memory systems, language, and reasoning/decision-making.*

Fall 2010 50 Students Mean Evaluation Score: 1.17[†]

Experimental Psychology (PSY 390, Arizona State University). *This is an upper-division, advanced methods course, in which students design, implement, analyze, and present the results of a mentored experiment.*

Fall 2009 24 Students Mean Evaluation Score: 1.20[†]

[†]Note: For ASU, the “mean evaluation score” ranges from 1 (superior) to 5 (poor).

PGS 399/PSYC 2999/PSYC 400/PSYC 4880. *This is a “research experience” course. No course evaluations are given*

- As of Jan 2025, 90+ students have been supervised

PGS 499/PSYC 4999/PSYC 401. *This is an advanced research experience course. No course evaluations are given.*

- As of October, 2020, 50+ students have been supervised

Student Supervision and Committee Membership:

Dissertation Committees (Chair):

- Giovanna Del Sordo, New Mexico State University (2024)
- Juan Guevara Pinto, Louisiana State University (2020)
- Laura Heisick, Louisiana State University (2019)
- Daniella Cash, Louisiana State University (2019)

Dissertation Committees (Member):

- Renee Hunsberger, UMass Lowell (2025)
- Samira Aminihajibashi, University of Oslo (2020)
- Julia Clark, Louisiana State University (2019)
- Katherine Moen, Louisiana State University (2019)
- Jessica McGovern, Louisiana State University (2018)
- Rebecca Goldstein, Louisiana State University (2016)
- Rebecca Horn, Louisiana State University (2014)

General Exams, Qualifying Papers Committees (Chair):

- Jade Durkee, UMass Lowell (IP)
- Hourieh Hayati, UMass Lowell (IP)
- Giovanna Del Sordo, New Mexico State University (2023)
- Juan D. Guevara Pinto (2018)
- Laura Heisick (2018)
- Dina Acklin, Louisiana State University (2016, 2017)

General Exams, Qualifying Papers Committees (Member):

- Angelina Davis, UMass Lowell (2024)
- Jon Aube, UMass Lowell (2024)
- Jordan Sparrow-Antonio, New Mexico State University (2023)
- Bryan White, New Mexico State University (2021)
- Sarah Wheat, New Mexico State University (2021)
- Dré Goode, New Mexico State University (2021)
- Daniella Cash, Louisiana State University (2018)
- Katherine Moen, Louisiana State University (2017)
- Rebecca Goldstein, Louisiana State University (2014)

Master's Thesis Committees (Chair):

- Ashley Zappe, New Mexico State University (2023)
- Arianna K. Thoksakis, New Mexico State University (2022)
- Laura L. Heisick, Louisiana State University (2016)
- Juan D. Guevara Pinto, Louisiana State University (2016)

Master's Thesis Committees (Member):

- Bushra Moussaoui, New Mexico State University (2022)
- Diego Sanchez Pena, New Mexico State University (-)
- Amie Amiotte, New Mexico State University (2021)
- Kyle Jensen, New Mexico State University (2021)
- Rebecca Skulsky, New Mexico State University (2021)
- Harrison Preusse, New Mexico State University (2021)
- Felicia Chaisson, Louisiana State University (2020)

- Casey Phifer, Arizona State University (2017)
- Bryan Franks, Louisiana State University (2014)
- Dillon Cornett, Louisiana State University (2014)

Intermediate Project Supervisor:

- Kacie Mennie, Louisiana State University (2016-2017)
Project Title: Word memory under emotional arousal
- Ian Comeaux, Louisiana State University (2016-2017)
Project Title: Exploring the saccade induced cognitive enhancement effect
- Dina Acklin, Louisiana State University (2015)
Project Title: RSVP Reading and Working Memory
- Joseph Harris, Louisiana State University (2014)
Project Title: Context variability in recognition memory

Honor's Theses Supervised:

- Jon T Odell, Louisiana State University (2019-2020)
Project Title: Socially-shared memories
- Madeline Walker, Louisiana State University (2017-2018)
Project Title: The impact of value-directed remembering on prospective person memory
- Kayla (Mckenzie) Chutz, Louisiana State University (2017)
Project Title: The influence of photo perspective on event memory
- Karyn Warner, Louisiana State University (2014- 2016)
Project Title: The effect of salience on unfamiliar face matching
- Laura Siqueiros, Louisiana State University (2014- 2016)
Project Title: A multidimensional scaling analysis of the own-race bias for voices
- Brittany Martin, Louisiana State University (2014-2015)
Project Title: The dynamics of memory: Using mouse-movements to test single- and dual-process theories
- Laura Heisick, Louisiana State University (2013-2014)
Project Title: Believe the lie: Source monitoring errors for repeated lies
- Anne Kuni, Arizona State University (2010-2011)
Project Title: What is the nature of anti-survival processing?

Honor's Thesis Committees:

- Katelyn Hardin, Louisiana State University (2019)
Project Title: Changes in Salivary Antimicrobial Protein Concentrations in Response to Maximal Exercise in Collegiate Swimmers
- Alexander Rader, Louisiana State University (2019)
Project Title: Expression of Anoctamins 1 and 2 in the Avian Retina
- Annabeth Madden, Louisiana State University (2018)
Project Title: The Effect of Attention Bias Modification on Emotion Regulation
- Ari Saravia, Louisiana State University (2018)

Project Title: Intestinal Microbiome Composition of an Acute in vivo Alzheimer's Disease Rat Model

- Jordan Renschler, Louisiana State University (2017)

Project Title: Localization of the Cystic Fibrosis Transmembrane Conductance Regulator in Retinal Amacrine Cells

Discovery Scholars Supervised:

- Julianna Luna, New Mexico State University (2021-2022)
- Charlotte Martin, New Mexico State University (2021-2022)

McNair Scholars Supervised:

- Julia Gonzalez, New Mexico State University (2023)

PROFESSIONAL SERVICE

Occasional reviewer:

British Journal of Psychology
Consciousness & Cognition

Journal of Experimental Psychology: General
Journal of Speech, Language, and Hearing Research

International Journal of Psychophysiology
Journal of Experimental Social Psychology
Attention, Perception, & Psychophysics

Memory & Cognition
Perception

Cognitive Neuroscience
Cognition

Cognitive Processes
Experimental Psychology
Psychological Science

Ad-hoc Grant Reviewer:

National Science Foundation (NSF), 2018
Israel Science Foundation, 2019

Panelist

NSF, 2020, 2021, 2026

UNIVERSITY AND DEPARTMENTAL SERVICE

Faculty Supervisor:

- Psychology Club, New Mexico State University (2021 – 2021)
- Psychology Club, Louisiana State University (2013 – 2017)
- Psi Chi, Louisiana State University Chapter (2013 – 2017)

Departmental Committees:

- Sona-Systems Coordinator, UMass Lowell (2023 – current)
- Member, APPS/PhD Committee, UMass Lowell (2023 – current)
- Member, Strategic Planning Committee, UMass Lowell (2023 – current)
- Chair, Undergraduate Assessment Committee, NMSU (2020 – 2023)
- Member, Curriculum Committee, NMSU (2021 – 2023)
- Member, NMSU-O Committee, NMSU (2021 – 2023)
- Member, Psychology Inclusion and Equity Committee, NMSU (2021 – 2023)
- Member, Policy & Planning Committee, LSU (2013 – 2020)
- Member, Curriculum Assessment Committee, LSU (2014 – 2020)
- Psychology Search Committees

- NMSU Post-Doctoral Scholar, VSM Lab, 2025 (Dr. Giovanna Del Sordo)
- NMSU Department Head, 2021 (Dr. Andrew Conway)
- LSU Cognitive & Brain Sciences, 2016 (Dr. Heather Lucas)

Additional University Service:

- Faculty Senate, UML, Department Representative (2023)
- Research Advisory Council, UMass Lowell College of FAHSS (2023 – current)
- Workshop Developer and Organizer, NMSU Graduate Research Fellowship Workshop Series (annually, starting in 2020)
- Faculty Senate, NMSU, Standing Committee Chair, Curriculum and Programming (2022 – 2023)
- Faculty Senate, NMSU, Department Representative (2021 – 2023)
- Advisory Board Member, NMSU, Center for Undergraduate Research and Creative Activities (2021 – 2023)
- Department Representative, NMSU, Aggie Welcome (2021)
- NM AMP student mentor (Julianna Luna, 2020)
- Faculty Senate, LSU, Department Representative (2018 – 2020)
- Faculty Reviewer, LSU NSF GRFP Workshop (2013)
- Faculty Judge, LSU Undergraduate Research Conference (2012, 2013)
- LSU Sophomore Gold Mentor (2014-2015)
- Bridges Program Mentor (2016)
- LSU STRIPES Lecturer (2017)
- LSU Kickoff, Psychology Representative (September and November 2018)
- Dean's Representative, Non-Psychology milestone committees
 - Masters Committees
 - *Cayson Leslie, Mechanical Engineering, NMSU (2023)*
 - *Gabrielle Graves, Mechanical Engineering, NMSU (2022)*
 - *Bushra Moussaoui, Biology, NMSU (2022)*
 - *Alejandro Ruiz del Sol, English, NMSU (2021)*
 - General Exams Committees
 - *Cole Shugart, Communication Studies, NMSU (IP)*
 - *D. Parker Kelley, Comparative Biological Sciences, LSU (2018)*
 - *Dorothy Kemp, Communication, LSU (2018)*
 - *Charlie Lewis, Education, LSU (2017)*
 - *Chantelle Varanado, Speech & Communication, LSU (2014)*
 - Dissertation Committees
 - *Jacob Hiler, Business, LSU (2015)*
 - *Chantelle Varanado, Speech & Communication, LSU (2015)*

UNFUNDED GRANT SUBMISSIONS

NIH, National Eye Institute, R01 Grant

2022

Noradrenergic (LC-NE) Modulation of Human Visual Attention

Role: Principal Investigator

Total costs: \$2,784,260

Proposed Project Period: April 2022 – April 2027	
National Science Foundation, PAC	2022
<i>Neural Gain Modulation of Functional Viewing Fields</i>	
Role: Principal Investigator	
Total costs: \$495,983	
Proposed Project Period: May 2023 – April 2026	
National Science Foundation, Build and Broaden 2.0	2021
<i>Arousal-Mediated Changes in Human Episodic Memory</i>	
Role: Principal Investigator	
Total costs: \$405,735	
Proposed Project Period: October 2021 – September 2024	
NMSU, COVID 19 Performance Fund	2021
<i>Pathways to Success in Psychology</i>	
Role: Project Manager	
Total costs: \$206,400	
Proposed Project Period: May 2021 – May 2023	
NIH, National Eye Institute, R01 Grant	2020
<i>Arousal-Mediated Changes in Human Episodic Memory</i>	
Role: Principal Investigator	
Total costs: \$2,758,600	
Proposed Project Period: April 2021 – April 2026	
National Science Foundation	2019
<i>LC-NE Effects on Human Visual Attention Measured via Pupillometry</i>	
Role: Principal Investigator	
Total costs: \$287,820	
Proposed Project Period: August 2020 – July 2023	
LSU Board of Regents, ATLAS Funding	2018
<i>Modern Pupillometry: Cognition, Neuroscience, and Practical Applications</i>	
Total Costs: \$56,502	
NIH, National Institute of Mental Health, R01 Grant	2018
<i>Noradrenergic (LC-NE) Modulation of Human Episodic Memory</i>	
Role: Principal Investigator	
Total costs: \$2,702,688	
Proposed Project Period: July 2018 – June 2023	
U.S. Department of Homeland Security, Transportation Safety Administration	2015
<i>Using Shared Gaze to Create an Automated Training Model for Search</i>	
Role: Principal Investigator, Louisiana State University Consortium	
Principal Investigator: Dr. Michael C. Hout (NMSU)	
Total costs: \$795,797	

LSU Consortium budget: \$241,604

NIH, National Institute of Aging, R21 Grant 2014
Cognitive Aging and Monitoring Autobiographical Memory
 Role: Principal Investigator
 Total costs: \$366,464

U.S. Department of Homeland Security, Transportation Safety Administration 2014
The Low-Prevalence Effect in Face-to-Photo Matching
 Role: Principal Investigator
 Co-Investigator: Dr. Stephen D. Goldinger (ASU)
 Total costs: \$1,013,944

LSU, Office of Research and Economic Development, Faculty Research Grant 2014
Peering deep: Investigating the intersection between the neurological and psychological to understand human behavior.
 Role: Co-Investigator
 Principal Investigator: Dr. Andrew Schwartz (LSU, Business)
 Total costs: \$60,000

NIH, National Institute of Aging, R01 Grant 2013
Testing Heuristic Effects in Aging Memory: Pupillary Reflexes in Face Encoding
 Role: Principal Investigator, Louisiana State University Consortium
 Principal Investigator: Dr. Stephen D. Goldinger (ASU)
 LSU Consortium budget: \$387,340

DARPA, Basic Neuroscience 2012
Psychophysiological Markers of Overt and Covert Target Detection
 Role: Principal Investigator
 Co-Investigators: Drs. Melissa R. Beck (LSU) and Stephen D. Goldinger (ASU)
 Total costs: \$1,175,005