

JUAN D. GUEVARA PINTO

CURRICULUM VITA

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EDUCATION

Ph.D., Cognitive and Brain Sciences (2020), Louisiana State University, Baton Rouge, LA
Dissertation Title: *Leveling the Viewing Field: The Impact of Target-Prevalence on Searchers' Functional Viewing Field*

M.A., Psychology (2017), Louisiana State University, Baton Rouge, LA

B.S., Psychology (2014), Georgia Southern University, Statesboro, GA

ACADEMIC APPOINTMENTS

Assistant Professor
Rollins College, Department of Psychology

August 2020-Present

GRANTS AND FELLOWSHIPS

Association for Psychological Science, Scholarship of Teaching and Learning 2020
Masks wearing during instruction: Desirable difficulty or perceived problem?

Role: Principal Investigator

Total cost: \$5,000

Project Period: October 2020-July 2021

Status: **Unfunded**

Louisiana State University, Dissertation Year Fellowship 2019

Leveling the Viewing Field: The Impact of Target-Prevalence on Searchers' Functional Viewing Field

Role: Principal Investigator

Total cost: \$18,000

Project Period: August 2019-May 2020

Status: **Awarded, completed**

Louisiana State University, Graduate Student Strategic Research Grant 2017

Exploring the Cause of Exploration: Does Goal Satisfaction Reduce Information Search

Role: Principal Investigator

Total cost: \$1,000

Project Period: December 2017-November 2018

Status: **Awarded, completed**

- Louisiana State University, Graduate Student Strategic Research Grant 2015
The Impact of Social Categorization on Own-Race Biases in Unfamiliar Face Processing
 Role: Co-Investigator
 Principal Investigator: Laura L. Heisick (LSU)
 Total cost: \$1,000
 Project Period: January 2016-January 2017
 Status: **Awarded, completed**
- American Psychological Association, Science Directorate 2013
APA Summer Science Fellowship
 Location: George Mason University
 Fellowship cost: \$4,000
 Period: June-July 2013
 Supervisor: Robert Youmans, PhD
 Status: **Awarded**

SCHOLARSHIPS AND AWARDS

- LSU Graduate School Dissertation Fellowship Award 2019
 LSU Dean's Graduate Student Travel Award 2017
 Psychonomic Society Graduate Student Travel Award 2016
 Georgia Southern University Alumni Association Award 2014
 GSU Psychology Department Georgelle Thomas Award 2014
 Georgia Southern University Psychology Award 2014

PEER REVIEWED PUBLICATIONS

- Papesh, M. H., Hout, M. C., **Guevara Pinto, J. D.**, Robins, A., & Lopez, A. (In press) Eye movements reflect expertise development in hybrid search. *Cognitive Research: Principles and Implications*
- 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*, 48, 1214-1233. doi: 10.3758/s13421-020-01051-3
- 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 & Cognition*, 74, 102782. doi: 10.1016/j.concog.2019.102782
- Papesh, M. H. & **Guevara Pinto, J. D.** (2019). Spotting rare items makes the brain "blink" longer: Evidence from pupillometry. *Attention, Perception, & Psychophysics*, 81, 2635-2647. doi:10.3758/s13414-019-01777-6
- Guevara Pinto, J. D.**, & Papesh, M. H. (2019). Incidental memory following rapid object processing: The role of attention allocation strategies. *Journal of Experimental Psychology: Human Perception & Performance*, 45(9), 1174-1190. doi:10.1037/xhp0000664

Papesh, M. H., Hicks, J. L., & **Guevara Pinto, J. D.** (2019). Retrieval dynamics of recognition and rejection. *Quarterly Journal of Experimental Psychology*, 72(9), 2328-2341. doi: 10.1177/1747021819836753

Meyer, A., Frederick, S., Burnham, T. C., **Guevara Pinto, J. D.**, Boyer, T. W., Ball, L. J., Pennycook, G., Ackerman, R., Thompson, V., & Schuldt, J. P. (2015). Disfluent fonts don't help people solve math problems. *Journal of Experimental Psychology: General*, 144 (2), e16-30. doi: 10.1037/xge0000049.

MANUSCRIPTS UNDER REVIEW

Guevara Pinto, J. D., Papesh, M. H., & Hicks, J. L. (Under Review). Flexible attention allocation in prospective memory impacts incidental encoding of nontarget items. Under Review at: *Memory & Cognition*

MANUSCRIPTS IN PREPARATION (ALL DATA COLLECTED)

Guevara Pinto, J. D., & Papesh, M. H. (In Preparation). High target-prevalence reduces the size of the functional visual field.

Cash, D., **Guevara Pinto, J. D.**, & Papesh, M. H. (In Preparation). Knowing what you don't know: How memory is used to appreciate novelty.

Goldinger, S. D., Hout, M. C., Papesh, M. H., & **Guevara Pinto, J. D.** (In Preparation). Scanning quiet echoes and learning (SQuEaL): An exemplar-based model of visual search.

PUBLICATIONS IN POPULAR SCIENCE OUTLETS

Guevara Pinto, J. D., Papesh, M. H., & Hout, M. C. (In press). Learning by accident: Sometimes memory mistakes are not totally wrong. *Frontiers for Young Minds*.

PROFESSIONAL CONFERENCE PRESENTATIONS

Guevara Pinto, J. D., Janhke, A., & Papesh, M. H. (2021). Knowing *when* helps you remember *what*: Incidental encoding in context-specific prospective memory. *Paper to be presented at the Annual Meeting of the Southeastern Psychological Association in Orlando, FL (Virtual; March, 2021)*

Papesh, M. H. & **Guevara Pinto, J. D.** (2019). Target frequency affect the functional viewing field. *Paper presented at the Annual Meeting of the Psychonomic Society in Montréal, Québec, Canada (November, 2019)*.

Hout, M. C., **Guevara Pinto, J. D.**, & Papesh, M. H., (2019). The details are in the difficulty: Incidental recognition of objects' perceptual details following visual search. *Poster presented at the Annual Meeting of the Psychonomic Society in Montréal, Québec, Canada (November, 2019)*.

Guevara Pinto, J. D., Papesh, M. H., & Goldiner, S. D. (2019). Target frequency during visual search facilitates memory differentiation for categorical exemplars. *Poster presented at the Annual ARMADILLO conference in San Antonio, TX (October, 2019)*.

- Guevara Pinto, J. D.,** & Papesh, M. H. (2019). Leveling the viewing field: The influence of target-prevalence on observer's attentional window. *Poster presented at the Annual Meeting of the Vision Sciences Society in St. Pete Beach, FL (May, 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 Object Perception, Attention, and Memory (OPAM) conference in New Orleans, LA (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).*
- Guevara Pinto, J. D.,** & Papesh, M. H. (2018). Incidental object memory during high and low target-prevalence search. *Poster presented at the Annual ARMADILLO conference in Houston, TX (September, 2018).*
- Guevara Pinto, J. D.,** Papesh, M. H., Goldinger, S. D., & Hout, M. C. (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. Pete Beach, FL (May, 2018).*
- Hout, M. C., Green, E.¹, **Guevara Pinto, J. D.,** & Papesh, M. H. (2018). Challenging visual search creates better incidental memories for objects and their perceptual features. *Paper presented at the Annual Meeting of the Rocky Mountain Psychological Association in Denver, CO (April, 2018).*
- Lass, M.¹, **Guevara Pinto, J. D.,** & Papesh, M. H. (2018). The unrecognized benefits of attention allocation in prospective memory. *Poster to be 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, Canada (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, Canada (November, 2017).*
- Guevara Pinto, J. D.,** Papesh, M. H., & Johnson, A. K.* (2017). From mouth to mouse: Mouse-trajectories reveal early voice-specific effects. *Paper presented at the Annual Meeting of the Southern Psychological Association in Atlanta, GA (March 2017).*
- Moen, K. C., **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).*

¹Supervised undergraduate students conference presentation.

- Guevara Pinto, J. D., & Papesh, M. H.** (2016). The low-prevalence effect transfers across tasks. *Poster presented at the Annual Meeting of the Psychonomic Society in Boston, MA (November, 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 Fluency. *Poster presented at the Annual Meeting of the Psychonomic Society in Chicago, IL (November, 2015).*
- Guevara Pinto, J. D. & Papesh, M. H.** (2015). Retrieval Dynamics in Memory: The Mind-Hand Connection. *Paper presented at the Annual Meeting of the Southeastern Psychological Association in Hilton Head Island, SC (March 2015).*
- Guevara Pinto, J. D. & Boyer, T. W.** (2014). Pupillometry: Perceptual disfluency as cognitive load. *Poster presentation at the Psi Chi section of the Annual Meeting of the South Eastern Psychological Association, Nashville, TN (March 2014).*

PROFESSIONAL SERVICES

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| Ad Hoc Reviewer for <i>Journal of Experimental Psychology: Human Perception and Performance</i> | 2020 |
| Graduate Student Representative, APA Division 3, <i>Society for Experimental Psychology and Cognitive Science</i> | 2019-2020 |
| Ad Hoc Reviewer for <i>Psychonomic Bulletin & Review</i> | 2019 |
| Ad Hoc Reviewer for <i>Journal of Experimental Psychology: General</i> | 2019 |
| Ad Hoc Reviewer for <i>Journal of Vision</i> | 2019 |
| Search Committee for Dean of College of Humanities and Social Sciences, Louisiana State University | 2019 |
| Discovery Day Research Conference judge, Louisiana State University | 2019 |
| Undergraduate Research Conference judge, Louisiana State University | 2015, 2017-18 |

TEACHING AND RESEARCH SUPERVISION

I have served as an *Instructor of Record* for the following course:

Introduction to Psychology (PSY 101, Rollins College) *This course focuses on fostering deeper understanding of human memory systems, phenomena, and theory, with a particular emphasis on findings from neuroscientific studies.*

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| Fall 2020, section 1: 24 students | Mean Evaluation Score: 4.63/5 |
| Fall 2020, section 2: 25 students | Mean Evaluation Score: 4.47/5 |

Topics in Cognitive Neuroscience: Memory (PSY 395, Rollins College) *This course focuses on fostering deeper understanding of human memory systems, phenomena, and theory, with a particular emphasis on findings from neuroscientific studies.*

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| Fall 2020: 11 students | Mean Evaluation Score: 4.66/5 |
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Memory and Forgetting (PSYC 4033, Louisiana State University). *This course focuses on fostering deeper understanding of human memory systems, phenomena, and theory.*

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| Fall 2018: 70 students | Mean Evaluation Score: 4.9/5 |
| Spring 2019: 59 students | Mean Evaluation Score: 4.8/5 |

Social Psychology (PSYC 2040, Louisiana State University). *This course focuses on the cultural forces affecting attitudes, social learning, perception and communication of individuals and groups.*

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| Summer 2017: 14 students | Mean Evaluation Score: 4.92/5 |
| Summer 2018: 15 students | Mean Evaluation Score: 4.71/5 |

I have served as a **Graduate Teaching Assistant** for the following course:

Memory and Forgetting (PSYC 4033, Louisiana State University). *This course focuses on fostering deeper understanding of human memory systems, phenomena, and theory.*

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| Fall 2016: 130 students | Mean TA Rating Score ¹ : 3.82/4 |
| Spring 2017: 75 students | Mean TA Rating Score: 3.74/4 |
| Fall 2017: 98 students | Mean TA Rating Score: 3.86/4 |
| Spring 2018: 97 students | Mean TA Rating Score: 3.66/4 |

I have supervised undergraduate students involved in the following research experience courses:

Independent Reading and Research in Psychology (PSYC 2999, Louisiana State University). *This course focuses on individual supervised experience in a psychological research laboratory.*

Students Supervised: 24

Independent Reading and Research in Psychology (PSYC 4999, Louisiana State University). *This course focuses on advanced hands-on experience in a psychological research laboratory in which students become involved with the design, data collection, and data analyses of a research project under the direct supervision of the principal investigator of the project.*

Students Supervised: 13

¹ Students in PSYC 4033 are given the opportunity to evaluate the Graduate Teaching Assistant across different dimensions including *knowledge of the material, assistance outside of class, and preparation during office hours*, among others.