

# Gayle Alicen Schwark, Ph.D.

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## EDUCATION

- 2011-2014**      **Ph.D. Psychology**  
New Mexico State University – Las Cruces, NM  
Advisor: Dr. David Trafimow  
*Dissertation Title: Modeling the Cognitive Mechanisms Responsible for Belief Bias in Conditional Reasoning*
- 2009-2011**      **M.A. Psychology**  
New Mexico State University – Las Cruces, NM  
Advisor: Dr. David Trafimow  
*Thesis Title: Subjective Conditional Probability Bias in Human Reasoning*
- 2005-2009**      **B.A. Psychology**  
**B.A. Sociology**  
New Mexico State University – Las Cruces, NM
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## EMPLOYMENT

- 2018-Present**    **Assistant Professor of Instruction**, University of Texas at Dallas, *Richardson, TX*
- 2016-2018**      **Assistant Teaching Professor**, Pennsylvania State University Abington, *Abington, PA*
- 2016**            **Lecturer**, La Salle University, *Philadelphia, PA*
- 2014-2016**      **Instructor, Honors Faculty**, Arizona State University, *Phoenix, AZ*
- 2014-2015**      **Instructor**, Maricopa County Community College, *Phoenix, AZ*
- 2013-2014**      **Scientific Teaching Fellow**, Howard Hughes Medical Institute, *Las Cruces, NM*
- 2012-2013**      **Graduate Student Instructor**, New Mexico State University, *Las Cruces, NM*
- 2012-2013**      **Instructor**, El Paso Community College, *El Paso, TX*
- 2009-2012**      **Graduate Teaching and Research Assistant**, New Mexico State University, *Las Cruces, NM*
- 2007-2009**      **Research Lab Manager**, New Mexico State University
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## TEACHING EXPERIENCE

### Course Instructor

#### **Statistics for Psychology / Introductory Statistics**

The University of Texas at Dallas  
Arizona State University  
La Salle University

#### **Research Design & Analysis**

The University of Texas at Dallas

#### **Experimental Projects / Advanced Research Seminar**

The University of Texas at Dallas  
New Mexico State University

#### **Research Methods**

Penn State Abington  
Arizona State University (Online)  
Estrella Mountain Community College (with Lab)  
New Mexico State University (with Lab)

#### **Social Psychology**

Estrella Mountain Community College

**Abnormal Psychology (Introductory and Advanced)**

The University of Texas at Dallas  
Penn State Abington

**Effective Thinking**

Arizona State University (Online)  
Arizona State University

**Introduction to Psychology**

The University of Texas at Dallas  
Penn State Abington  
Estrella Mountain Community College  
Phoenix Community College  
New Mexico State University  
New Mexico State University (Online)  
El Paso Community College  
El Paso Community College (Online)  
El Paso Community College (Hybrid)

**Internship**

Penn State Abington

**Teaching Internship**

The University of Texas at Dallas

**Developmental Psychology (Lifespan)**

Penn State Abington  
La Salle University

**Adolescent Development**

Penn State Abington

**Criminal Minds**

La Salle University

**Graduate Teaching Assistant**

**Introduction to Psychology**  
New Mexico State University

**Engineering Psychology**

New Mexico State University

**Research Methods**

New Mexico State University

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**DEVELOPMENT & WORKSHOPS**

- 2021**      **Annual Conference for the National Institute on the Teaching of Psychology**  
Attendee, *Virtual Conference*
- 2020**      **Is Higher Education Ready to (Really) Talk About Race?**  
Center for Teaching and Learning, *The University of Texas at Dallas*
- 2020**      **Equity, Justice, and Inclusion in the Classroom Training**  
Student Counseling Center, *The University of Texas at Dallas*
- 2020**      **Small Teaching Online: Applying Learning Science in Online Classes**  
Reading/Discussion Group; Center for Teaching and Learning, *The University of Texas at Dallas*
- 2020**      **Innovations in Teaching Large and Introductory Courses**  
Center for Teaching and Learning, *The University of Texas at Dallas*
- 2020**      **Taking College Teaching Seriously: Reading/Discussion Group and Presentation**  
Dr. Gail Mellow; Hosted by Center for Teaching and Learning, *The University of Texas at Dallas*

- 2018**      **Evidence-Based Teaching and Learning: Designing Effective Teaching**  
Lilly Conference Series on College/University Teaching & Learning, *Bethesda, MD (May 31-June 3)*
- 2017**      **Respecting Identity in Student Writing**  
Abington Academy, *Penn State Abington*
- 2017**      **Implicit Bias: Practical Ways to Avoid It**  
Abington Academy, *Penn State Abington*
- 2017**      **\*Canvas Training**  
Presentation given at Abington Academy, *Penn State Abington*
- 2017**      **Training in Peer Review of Teaching Effectiveness**  
Abington Academy, *Penn State Abington*
- 2017**      **Educating a Diverse Nation: Lessons from Minority Serving Institutions**  
Speaker: Marybeth Gasman, *Penn State Abington*
- 2016**      **Don't Just Survive... How to Thrive in Large Class Settings**  
'Learning Makes Us' Webinar Series, *Pearson*
- 2015**      **Boot Camp for Teaching Online**  
Two-week online workshop, *Arizona State University*
- 2015**      **Best Practices for Teaching Online**  
Online webinar, *Arizona State University*
- 2014**      **Online vs. In-Person Teaching Evaluations**  
HHMI Sponsored Teaching Toolbox, *New Mexico State University*
- 2014**      **Common Myths and Misconceptions in Neuroscience**  
HHMI Sponsored Teaching Toolbox, *New Mexico State University*
- 2014**      **Visual Representations in Teaching**  
HHMI Sponsored Teaching Toolbox, *New Mexico State University*
- 2013**      **\*Using Portfolios in the Classroom**  
Presentation given at HHMI Sponsored Teaching Toolbox, *New Mexico State University*
- 2013**      **An Innovative Approach to Having Undergraduate Students Tackle the Primary Scientific Literature**  
HHMI Sponsored Teaching Toolbox, *New Mexico State University*
- 2013**      **Online Teaching: What the Research Says**  
HHMI Sponsored Teaching Toolbox, *New Mexico State University*
- 2012**      **Active Learning That Works: What Students Think**  
Magna Seminar, *The Teaching Academy at New Mexico State University*
- 2011**      **Teaching of Psychology**  
Full semester course, *New Mexico State University*

## GRANTS, SCHOLARSHIPS, FELLOWSHIPS, & AWARDS

- 2018**      Teaching Conference Grant, *Schreyer Institute for Teaching Excellence*
- 2014**      Outstanding Graduate Award in the College of Arts and Sciences
- 2014**      Honors Graduate, Doctor of Philosophy
- 2013-2014**      Howard Hughes Medical Institute Scientific Teaching Fellowship
- 2013**      Psychology Department Graduate Student Scholarship Travel Award
- 2013**      Arts and Sciences Dean's Graduate Award for Excellence
- 2011-2014**      New Mexico Higher Education Department Graduate Fellowship
- 2011**      Honors Graduate, Master of Arts
- 2010-2011**      Psychology Department Recipient for Merit-Based Graduate Assistant Scholarship
- 2009-2014**      Graduate Assistant Tuition Fellowship
- 2009**      Honors Graduate, Bachelor of Arts
- 2005-2009**      Alumni Association Scholarship Recipient

## JOURNAL PUBLICATIONS (\*Formerly published under the name Gayle Hunt.)

- Bliss, J. P., Rice, S., **Hunt, G.**, & Geels, K. (2014). What are close calls? A proposed taxonomy to inform risk communication research. *Safety Science*.
- Hunt, G.**, Rice, S., Trafimow, D., & Sandry, J. (2013). Using potential performance theory to analyze systematic and random factors in enumeration tasks. *American Journal of Psychology*, 26(1), 23-32.

- Sandry, J., Rice, S., Trafimow, D., **Hunt, G.**, Busche, L., & Rubio, E. (2013). Suboptimal recognition for increasing set sizes is largely due to inconsistency: A potential performance theory analysis of individual differences.
- Bliss, J. P., **Hunt, G.**, Rice, S., & Geels, K. (2013). Automation trust and situational experience: Theoretical and experimental evidence. *Cognitive Technology*.
- Trafimow, D., Rice, S., **Hunt, G.**, List, B., Nanez, B., Rector, N., Notah, J., & Brown, J. (2012). It's irrelevant, but it matters: Using Confluence Theory to predict the influence of beliefs on evaluations, attitudes and intentions. *European Journal of Social Psychology*, 42, 509-520.
- Rice, S., Geels, K., Hackett, H., Trafimow, D., McCarley, J., Schwark, J., & **Hunt, G.** (2012). The harder the task, the more inconsistent the performance: A PPT analysis on task difficulty. *Journal of General Psychology*, 139, 1-18.
- Rice, S., Hackett, H., Trafimow, D., **Hunt, G.**, & Sandry, J. (2012). Damned if you do and damned if you don't: Assigning blame to victims regardless of their choice. *Social Science Journal*, 49, 5-8.
- Rice, S., Trafimow, D., Hughes, J., & **Hunt, G.** (2011). Two degrees of separation: Negative evaluations of the people and products associated with stigmatized persons. *International Journal of Technology, Knowledge, and Society*, 7(2), 11-20.
- Sandry, J., **Hunt, G.**, Rice, S., Trafimow, D., & Geels, K. (2011). Can priming yourself lead to punishing others? *Journal of Social Psychology*, 151(5), 531-534.
- Trafimow, D., **Hunt, G.**, Rice, S., & Geels, K. (2011). Using potential performance theory to test five hypotheses about meta-attribution. *Journal of General Psychology*, 138(2), 1-13.
- Rice, S., Trafimow, D., Keller, D., **Hunt, G.**, & Geels, K. (2011). Using PPT to correct for inconsistency in a speeded task. *Journal of General Psychology*, 138(1), 12-34.
- Rice, S., Trafimow, D., Rahmania, A., Keller, D., **Hunt, G.**, Taruc, K., Dirhamsyah, M., & Ridha, M. (2010). Sound the alarm--death approaches (suarakan genderang--maut menyerang). The tsunami early warning system in Indonesia. *International Journal of Technology, Knowledge and Society*, 6(4), 13-26.
- Rice, S., Trafimow, D., & **Hunt, G.** (2010). Using PPT to analyze sub-optimal human-automation performance. *Journal of General Psychology*, 137(3), 310-329.
- Rice, S., Trafimow, D., **Hunt, G.**, & Sandry, J. (2010). Generalizing Kant's distinction between perfect and imperfect duties to trust in different situations. *Journal of General Psychology*, 137(1), 20-36.
- Rice, S., Trafimow, D., Keller, D., & **Hunt, G.** (2010). Should I stay or should I run? Attitudes and subjective norms about disaster alarms. *International Journal of Technology, Knowledge and Society*, 6(1), 81-92.
- Rice, S., Trafimow, D., **Hunt, G.**, & Keller, D. (2010). We don't dislike the alarm: We dislike complying with the alarm. *International Journal of Technology, Knowledge and Society*, 6(1), 93-106.
- Rice, S., Trafimow, D., Clayton, K., & **Hunt, G.** (2008). Impact of the contrast effect on trust ratings and behavior with automated systems. *Cognitive Technology Journal*, 13(2), 30-41.

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## PROCEEDINGS PUBLICATIONS (\*Formerly published under the name Gayle Hunt.)

- Schwark, G.**, & Rice, S. (2016). An affect-trust (A-T) model with regards to technological errors. *Proceedings of the 60<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*. Washington, DC.
- Schwark, G.**, Rice, S., Busche, L., & Trafimow, D. (2016). Recognizing the role of consistency in a delayed memory task. *Proceedings of the 60<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*. Washington, DC.
- Hunt, G.**, Rice, S., Geels, K., & Davis, K. D. (2012). Using magpie research to determine the top 10 human factors Issues in UAS for NATO FINAS. *Proceedings of the 56<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*. Boston, MA.
- Sandry, J., Schwark, J., **Hunt, G.**, Geels, K., & Rice, S. (2012). Superior visual search accuracy after exposure to natural relative to urban environments. *Proceedings of the 56<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*. Boston, MA.

- \*Sandry, J., Schwark, J., **Hunt, G.**, Geels, K., & Rice, S. (2011). Operator Aid-Switching in a Case of Redundant Automation with Single-Aid Failure. *Proceedings of the 55<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*. Las Vegas, NV.  
\*Winner of HFES Perception and Performance Technical Group Best Student Poster Award
- Hunt, G.**, Rice, S., Trafimow, D., Schwark, J., Sandry, J., Busche, L., & Geels, K. (2011). Visual vs. auditory memory in an aviation task: A potential performance theory analysis. *Proceedings of the 16<sup>th</sup> International Symposium on Aviation Psychology*. Dayton, OH.
- Schwark, J., Sandry, J., **Hunt, G.**, Geels, K., Rice, S., Dolgov, I. (2011). Redundant automation and contamination in an aviation task. *Proceedings of the 16<sup>th</sup> International Symposium on Aviation Psychology*. Dayton, OH.
- Geels, K., Rice, S., Schwark, J., **Hunt, G.**, & Sandry, J. (2011). Applying the reliance-compliance model to system-wide trust theory in an aviation task. *Proceedings of the 16<sup>th</sup> International Symposium on Aviation Psychology*. Dayton, OH.
- Hunt, G.**, Rice, S., Geels, K., & Trafimow, D. (2010). Analyzing sub-optimal human-automation performance across multiple sessions. *Proceedings of the 54<sup>th</sup> Annual Meeting of the Human Factors and Ergonomics Society*. San Francisco, CA.
- Rice, S. & **Hunt, G.** (2009). Providing evidence of a multiple-process model of trust in automation. *Proceedings of the 15<sup>th</sup> International Symposium on Aviation Psychology*. Dayton, OH.
- Rice, S., Keller, D., **Hunt, G.**, & Trafimow, D. (2009). Automation dependency under time pressure. *Proceedings of the 15<sup>th</sup> International Symposium on Aviation Psychology*. Dayton, OH.
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#### CONFERENCE PRESENTATIONS (\*Formerly published under the name Gayle Hunt.)

- Hunt, G.**, & Trafimow, D. (2013). Conditional syllogism training improves judgments on Wason's selection task. Poster to be presented at the *Society for Judgment and Decision Making Annual Conference*. Toronto, Canada.
- Hunt, G.**, Rice, S., & Schwark, J. (2012). What fails matters: Expanding on the first failure effect. *Association of Psychological Science 24<sup>th</sup> Annual Convention*. Chicago, IL.
- Hunt, G.**, Rice, S., Trafimow, D., & Gambacorta, D. (2012). We trust our friend's friends because they trust them. *Society for Personality and Social Psychology 13<sup>th</sup> Annual Meeting*. San Diego, CA.
- Busche, L., Sandry, J., Geels, K., **Hunt, G.**, Schwark, J., & Rice, S. (2012). Evaluating morality: Influence of the strength of moral duty violations on expectancies of future immoral acts. *Society for Personality and Social Psychology 13<sup>th</sup> Annual Meeting*. San Diego, CA.
- Sandry, J., Rice, S., Trafimow, D., **Hunt, G.**, Busche, L., & Rubio, E. (2011). Isolation of random and non-random factors that contribute to limited working memory capacity. *Object Perception, Attention, & Memory 19<sup>th</sup> Annual Conference*. Seattle, WA.
- Geels, K., Rice, S., Schwark, J., **Hunt, G.**, & Sandry, J. (2011). False alarms and misses differentially affect trust in multiple automation. *Association of Psychological Science 23<sup>rd</sup> Annual Convention*. Washington, DC.
- Sandry, J., Schwark, J., **Hunt, G.**, Geels, K., & Rice, S. (2011). Priming nature improves visual search accuracy. *Association of Psychological Science 23<sup>rd</sup> Annual Convention*. Washington, DC.
- Sandry, J., **Hunt, G.**, Rice, S., & Trafimow, D. (2011). Perceptions of future moral violations are contingent on past perfect or imperfect duty violations. *Society for Personality and Social Psychology 12<sup>th</sup> Annual Meeting*. San Antonio, TX.
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#### INVITED TALKS

- Hunt, G.** (2013). Modeling the cognitive mechanisms responsible for belief bias in conditional reasoning. Research talk presented at Brown University.
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## MEMBERSHIPS & SERVICE

Academic Senate, *The University of Texas at Dallas* (2020-Present)  
Inclusion, Diversity, Equity, and Anti-Racism Group, *The University of Texas at Dallas* (2020-Present)  
Foster Connect Faculty Sponsor, *The University of Texas at Dallas* (2020-Present)  
Psi Chi Faculty Sponsor, *Penn State Abington* (2017-2018)  
Student Success Coach, *Penn State Abington* (2017-2018)  
Student Affairs Committee, *Penn State Abington* (2017-2018)  
Student Affairs Transportation Subcommittee, *Penn State Abington* (2017-2018)  
Online Advisory Board, Psychology Department, *Arizona State University* (2014-2015)  
Online Course Redevelopment, *Arizona State University* (2015)  
Honors Project Advisor, *Arizona State University* (2015)  
Honors Project Advisor, *Maricopa County Community College* (2015)  
Society for the Teaching of Psychology  
Association for Psychological Science  
American Psychological Association  
Society for Personality and Social Psychology  
Society for Judgment and Decision Making

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