Scott E. McIntyre, PhD

***School of Social and Behavioral Sciences***,

Arizona State University

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## **EDUCATION**

2008—2012 **PhD, *Human Factors Psychology,*** Clemson University

2004–2008 **Doctoral student**, ***Psychology: Cognition, Brain, and Behavior*** Graduate School and University Center, CUNY

2006 **M.A.** ***Experimental Psychology***, Brooklyn College, CUNY

#### ACADEMIC POSITIONS & TEACHING EXPERIENCE

2020— Teaching Professor, ***Psychology***, Arizona State University

2012-2020 Associate Teaching Professor, ***Psychology***, Arizona State University

* Intro Psychology (PSY 101)
* Introduction to Statistics (PSY 230)
* Social Psychology (PSY 350)
* Industrial Psychology (PSY 430)
* Business Statistics (ECN 221)
* Supervised Research (PSY 399)
* Research Methods (PSY 290)
* Effective Thinking (PSY 304)
* Organizational Behavior (PSY 453)
* Memory & Cognition (PSY 324)
* Statistical Methods (PSY 330)
* Individualized Instruction (PSY 499)

2012- 2020 Adjunct Faculty, ***Department of Psychology*** Mohave Community College

* Intro Psychology (PSY 101)
* Statistics for Behavioral Sciences (PSY 235)-one semester

2010-2012 Instructor, ***Department of Psychology***, Clemson University

* Advanced Experimental Psychology (PSY 310)

2008-2010 Instructor, ***Department of Psychology***, Clemson University

* Introduction to Psychology (PSY 201)

2004-2008 Adjunct Faculty, ***Department of Psychology,*** Brooklyn College

* Experimental Psychology Lab
* Introduction to Psychology
* Social Psychology

*Graduate courses*

* Quantitative Techniques in Industrial and Organizational Psychology
* Research and Program Evaluation Methods in Applied Psychology

#### PRESENTATIONS AND POSTERS (ASU student research in red)

2023 McIntyre, S. E., Most Abstracts do not Meet APA Reporting Standards.

Presentation at *Western Psychological Association Conference*, Riverside, CA, April 27-30.

2023 McIntyre, S. E., Measuring Depression by Duration of Symptoms Compared to

BDI Subjective Rankings. Presentation at *Western Psychological Association Conference*, Riverside, CA, April 27-30.

2023 McIntyre, S. E., Contributions of SES and race in Judging Admiration of Males.

Presentation at *Western Psychological Association Conference*, Riverside, CA, April 27-30.

2019 Svensk, J., McIntyre, S. E., Using QR Code Technology to Prevent Self-

 Administered Medications Errors. Poster for 99th *Western Psychological*

 *Association Conference*, Pasadena, CA, April 25-28.

2019 Brooks, S., McIntyre, S. E., Developing an Objective Assessment for Tracking

 and Diagnosing ADHD. Poster for 99th *Western Psychological*

 *Association Conference*, Pasadena, CA, April 25-28.

2019 McIntyre, S. E., Solving the Crisis of Confidence in Science. Presentation at 99th

 *Western Psychological Association Conference*, Pasadena, CA, April

25-28.

2018 Abram, A., McIntyre, S.E. Will Cosmetic Dentistry Increase Salary? Poster for

 *30th APS Annual Convention*, San Francisco, CA, USA, May 24-27.

2018 McIntyre, E.K., McIntyre, S.E. RRR and PDR Are NOT Going to Resolve Our Crisis of Confidence in Science. Poster for *30th APS Annual Convention*,

 San Francisco, CA, USA, May 24-27.

2016 Ramirez, Y., McIntyre, S.E. Stereotype threat effect on older adults’ math

 test performance, Poster for 96th *Western Psychological Association*

 *Conference*, Long Beach, April 28-May 1.

2015 McIntyre, S.E. (2015) Increasing transparency in science through scaffolding.

 *Proceedings of the* *International Annual Meeting of the Human Factors*

 *and Ergonomics Society,* Los Angeles, October 26-30.

2015 Issa, D. & McIntyre S. E. Students benefit from scaffolding when assessing

 research validity. Poster for 95th *Western Psychological Association*

 *Conference*, Las Vegas, NV April 30-May 3.

2014 Gugerty, L., McIntyre, S. E., Link, D., Zimmerman, K., Tolani, D., Huang, P.,

 Pokorny., B. (2014). Effects of intelligent advanced warning on drivers

negotiating the dilemma zone. *Proceedings of the* *56th Annual Meeting of*

*the Human Factors and Ergonomics Society*

2014 Gall, S. & McIntyre, S. E. (2014). Body posture has little effect on free recall.

 Poster for 26th Annual *Association for Psychological Science Convention,*

San Francisco, CA May 22-25.

2013 McIntyre, S. E., Gugerty, L. (2013).  Color and Luminance Coding of Vehicle

 Rear Lighting.  *Proceedings of the Human Factors and Ergonomics*

 *Society Annual Meeting, 57, 1480-1484.*

*DOI: 10.1177/1541931213571330.*

2012 McIntyre, S. E., Link, D., Gugerty, L., Zimmerman, K., Tolani, D., Pokorny., B.

Huang, P. Lane Specific Warnings in the Dilemma Zone. *Proceedings of*

*the* *56th Annual Meeting of the Human Factors and Ergonomics Society.*

2012 McIntyre, S. E., Gugerty, L., Link, D., Zimmerman, K., Tolani, D., Pokorny., B.

Huang, P. Dilemma zone mitigation at high speed intersections.

*Proceedings of the* *91st Annual Transportation Research Board, National*

*Research Council,* *Washington D.C.*

2009 McIntyre, S. E. (2009). Capturing attention to brake lamps in a single fixation.

 *Proceedings of the 53rd Annual Meeting of the Human Factors and*

 *Ergonomics Society. DOI*: 10.1177/154193120905302314

**PUBLISHED PEER REVIEWED MANUSCRIPTS**

2019 Svensk, J., McIntyre, S. E. Using QR Code Technology to Reduce

Self-Administered Medication Errors. *Journal of Pharmacy Practice*, DOI: 10.1177/0897190019885245

2014 Gugerty, L., McIntyre, S. E., Link, D., Zimmerman, K, Tolani, D., Huang, P.

 & Pokorny, R. A. (2014). Effects of Intelligent Advanced Warnings on

 Drivers Negotiating the Dilemma Zone, *Human Factors*, 56(6), 1021-

 1035. DOI:  [10.1177/0018720814525438](https://doi.org/10.1177/0018720814525438).

2014 McIntyre, S. E. & Gugerty, L. (2014). Applying visual attention theory to

 transportation safety research and design: Evaluation of alternative

automobile rear lighting systems. *Accident Analysis and Prevention,*

DOI: 10.1016/j.aap.2014.02.007

2011 McIntyre, S.E., Gugerty, L., & Duchowski, A. (2012). Brake lamp detection in

 complex and dynamic environments: Recognizing limitations of visual

 attention and perception. *Accident Analysis and Prevention,*

DOI: 10.1016/j.aap.2011.09.050.

2008 McIntyre, S. E. (2008). Capturing attention to brake lamps. *Accident Analysis*

 *and Prevention, 40(2),* 691-696. DOI:.org/10.1016/j.aap.2007.09.020

**OTHER SCHOLARLY ACTIVITIES**

2023 **Conference Session Chair,**

*Western Psychological Association Annual Meeting, April 27-30, 2023*

2018 **Scientific Review Committee,** 10th International Driving Symposium on Human

 Factors in Driver Assessment, Training, and Vehicle Design,

 June 24-27, 2019

2018 **Presenter**, Sometimes there are Dumb Questions: Developing Better Surveys by

 an Expert, *Arizona Rural Transportation Summit*, October 24-26, 2018.

2016 **Conference Submissions** **Reviewer**, *Human Factors and Ergonomics*

 *Society Annual Meeting, 2016*

2015 **Conference Session Chair, Surface Transportation Technical Group**

 *Human Factors and Ergonomics, Society Annual Meeting, 2015*

2015 **Conference Submissions** **Reviewer**, *Human Factors and Ergonomics*

 *Society Annual Meeting, 2015*

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2012 **Conference Submissions** **Reviewer**, *Human Factors and Ergonomics*

 *Society Annual Meeting, 2012*

#### SERVICE

2023 **Community Outreach Group**

2019 **Faculty Executive Committee,** Arizona State University, Lake Havasu

2018 **Faculty Promotion Committee Co-Chair**, Arizona State University, Lake

 Havasu

#### GRANT PROPOSALS

2016 McIntyre, S. E., & Bansal, S. (2016). *Creating Competent Consumers of Science:*

 *Teaching High School Students How to Evaluate Scientific Internal,*

 *External and Statistical Validity,* National Science Foundation (NSF 16-

527) STEM + Computing Partnerships (not funded).

2015 McIntyre, S. E., & Bansal, S. (2015). *Online Autodidactic Informal STEM*

 *Education in Scientific Methods and Statistics,* National Science

 Foundation (NSF 15-593) AISL Pathways project proposal (not funded).

2014 McIntyre, S. E., & Bansal, S. (2014). *Online Autodidactic Informal STEM*

 *Education in Scientific Methods and Statistics,* National Science

 Foundation (NSF 14-555) AISL Pathways project proposal (not funded).

2008 Gugerty, L., McIntyre, S. (2008) *Enhancing Vehicle Conspicuity and Brake Lamp*

 *Detection,* Transportation Research Board (Safety IDEA) (not funded).

#### MEDIA CONTRIBUTIONS

October 30 2016. Enlighten App Uses AI to Predict when Lights will turn Green. Wired.com. Retrieved from: <https://www.wired.com/2016/10/enlighten-app-uses-ai-predict-lights-will-turn-green/>

# November 2014. Experiments in the Dilemma Zone. APS Observer. Retrieved from:

<https://www.psychologicalscience.org/observer/experiments-in-the-dilemma-zone>

# April 2, 2014 Driving: Intelligent warning systems may make 'dilemma zone' safer. *Science Daily.*Retrieved from: <https://www.sciencedaily.com/releases/2014/04/140402121441.htm>.

September 10, 2014 Advance Warning for Light Changes Could Make Intersections Safer, *Psychological Science.* Retrieved from: <https://www.psychologicalscience.org/news/motr/advance-warning-for-light-changes-could-make-intersections-safer.html>