# Nicholas P. Maxwell

## CURRICULUM VITAE

**Email:** nicholas.maxwell@msutexas.edu
**Online:** https://npm27.github.io | https://osf.io/uxdvh

## Education

**Ph.D., Cognitive Psychology, *The University of Southern Mississippi*, *Hattiesburg, MS* (2022)**
- **Dissertation:** *The influence of word pair associative direction on judgment of learning reactivity*
- **Advisor:** Dr. Mark J. Huff

**M.S., Experimental Psychology, *Missouri State University*, *Springfield, MO* (2018)**
- **Thesis:** *Modeling memory: Exploring the relationship between word overlap and single word norms when predicting judgments and recall*
- **Advisor:** Dr. Erin M. Buchanan
- Graduate Certificate in Statistics and Research Design (2018)

**B.A., Psychology**, *Mississippi State University*, *Starkville, MS* (2015)

## Academic Appointments

**Midwestern State University,** *Wichita Falls, TX* (2022 – Present)
 Assistant Professor, *Dept. of Psychology*

## Research

### Areas of Interest:

**Memory and Metamemory:** Judgments of Learning (JOLs); Semantic Memory; Metamemory Illusions; Cross-Race Effect; Deese-Roediger-McDermott False Memory Paradigm

**Computational Approaches to Psychology:** Norming Studies; Development of Research Tools; Big Data Applications in Cognitive Psychology

### Research Experience:

**Memory, Metamemory, and Learning Lab (2022 – Present)**
 *Midwestern State University,* Dept. of Psychology
 **Role:** *Principal Investigator*

**The MACA Lab (2018 – 2022)**
 *The University of Southern Mississippi*, School of Psychology

Dr. Mark J. Huff, Principal Investigator
**Role:** *Graduate Researcher*
Online: https://www.macapsych.com

**The DOOM Lab (2016 – 2018)**
*Missouri State University,* Dept. of Psychology
Dr. Erin M. Buchanan, Principal Investigator
**Role:** *Graduate Researcher*
Online: https://www.aggieerin.com/page/students/

**Memory and Metamemory Lab (2015)**
*Mississippi State University,* Dept. of Psychology
Dr. Deborah Eakin, Principal Investigator
**Role:** *Undergraduate Research Assistant*

---

# Publications

*= Undergraduate co-author; ^ = Graduate student co-author

## Peer Reviewed Journal Articles:

Maxwell, N. P. (in press). Judgments of learning improve memory for word lists via enhanced item-specific encoding: Evidence from categorized, uncategorized, and DRM lists. *Memory*, X – XX. Available at: https://osf.io/t453a/

Maxwell, N. P., Huff, M. J., & ^Namias, J. M. (In Press). Predictive alternating runs and random task-switching sequences produce dissociative switch costs in the consonant-vowel/odd-even task. *Cognitive Processing*, 1-14. Available at: https://osf.io/hzwc4/

Maxwell, N. P., Huff, M. J., Hajnal, A., ^Namias, J. M., Blau, J. J. C., Day, B., Marsh, K. M., Meagher, B. M., Shelley-Tremblay, J. F., ^Thomas, G. F., & Wagman, J. B. (2024). Affordance norms for 2825 concrete nouns. *Behavior Research Methods, 56*, 8480-8491. Available at: https://osf.io/68bkt/

Maxwell, N. P., *Cates, E. E., & Huff, M. J. (2024). Item-specific and relational encoding are effective at reducing the illusion of competence. *Psychological Research, 88*, 1023-1044. Available at: https://osf.io/x9n4f/

Maxwell, N. P. & Huff, M. J. (2024). Judgment of learning reactivity reflects enhanced relational encoding on cued-recall but not recognition tests. *Metacognition and Learning*, *19*(1), 189-213. Available at: https://osf.io/mfbnz/

Maxwell, N. P. & Huff, M. J. (2023). Is discriminability a requirement for reactivity? Comparing the effects of mixed vs. pure list presentations on judgment of learning reactivity. *Memory & Cognition, 51*(5), 1198-1213. Available at: https://osf.io/3fztn/

Huff, M. J., Maxwell, N. P., & *Mitchell, A. (2022). Distinctive Sans Forgetica font does not benefit memory accuracy in the DRM paradigm. *Cognitive Research: Principles and Implications*, 7(102), 1-12. Available at: https://osf.io/am5rb/

Maxwell, N. P. & Huff, M. J. (2022). Reactivity from judgments of learning is not only due to memory forecasting: Evidence from associative memory and frequency judgments. *Metacognition and Learning, 17*(2), 589-625. Available at: https://osf.io/8yvn3/

Maxwell, N. P., Huff, M. J., & Buchanan, E. M. (2022). The *lrd* package: An *R* package and *Shiny* application for processing lexical response data. *Behavior Research Methods, 54*(4), 2001-2024. Available at: https://osf.io/admyx/

Maxwell, N. P., *Perry, T., & Huff, M. J. (2022). Perceptually fluent features of study words do not inflate judgements of learning: Evidence from font size, highlights, and Sans Forgetica font type. *Metacognition and Learning, 17*(2), 293-319. Available at: https://osf.io/3xwdr/

Namias, J. M., Huff, M. J., Smith, A., & Maxwell, N. P. (2022). Drawing individual images benefits recognition accuracy in the DRM paradigm. *Quarterly Journal of Experimental Psychology*, 75(8), 1571-1582. Available at: https://osf.io/r4yh9/

Maxwell, N. P. & Huff, M. J. (2021). The deceptive nature of associative word pairs: Effects of associative direction on judgments of learning. *Psychological Research, 85*, 1757-1775. Available at: https://osf.io/hvdma/

Maxwell, N. P. & Buchanan, E. M. (2020). Investigating the interaction of direct and indirect relation on memory judgments and retrieval. *Cognitive Processing, 21*(1), 41-53. Available at https://osf.io/fcesn/

Bowman, N. A., Miller, A., Woosley, S., Maxwell, N. P., & Kolze, M. J. (2019). Understanding the link between noncognitive attributes and college retention. *Research in Higher Education 60*(2), 135-152. Available at: https://link.springer.com/article/10.1007/s11162-018-9508-0

Buchanan, E. M., Valentine, K. D., & Maxwell, N. P. (2019). English semantic feature production norms: An extended database of 4,436 concepts. *Behavior Research Methods, 51*(4), 1849-1863. Available at: https://osf.io/cjyzw/

Buchanan, E. M., Valentine, K. D., & Maxwell, N. P. (2019). LAB: Linguistic annotated bibliography – A searchable portal for normed database information. *Behavior Research Methods, 51*(4), 1878 - 1888. Available at: https://osf.io/9bcws/

Pavlacic, J. M., Buchanan, E. M., Maxwell, N. P., Hopke, T., & Schulenberg, S. E. (2019). A meta-analysis of expressive writing on positive psychology variables and traumatic stress. *Review of General Psychology, 23*(2), 230-250. Available at: https://journals.sagepub.com/doi/pdf/10.1177/1089268019831645

## Submitted for Review:

Buchanan, E. M., Cuccolo, K., Coles, N. A., Heyman, T., Iyer, A., Lewis, N. A., Jr., ... Maxwell, N. P., ... & Lewis, S. C. Measuring the semantic priming effect across many languages. Submitted for review, *Nature Human Behavior.* Manuscript available at: https://osf.io/q4fjy/

Heyman, T., Pronnizius, E., Lewis, S. C., Acar, O. A., Adamkovič, M., Ambrosini, E., Antfolk, J., ... Maxwell, N. P., ... & Buchanan, E. M. Crowdsourcing multiverse analyses to explore the impact of different data-processing and analysis: A tutorial. Submitted for review, *Psychological Methods*. Manuscript available at:

https://osf.io/zgq5j/

Maxwell, N. P & Huff, M. J. Judgments of learning facilitate cued-recall of single and double semantically mediated word pairs. Submitted for review, *Journal of Experimental Psychology: Learning, Memory,& Cognition*. Manuscript available at: https://osf.io/p8wme/

^Morehead, A. G., Huff, M. J., & Maxwell, N. P. The art of (Un)Certainty: confidence ratings produce positive reactivity on word pair recall. Submitted for review, *Metacognition and Learning.* Manuscript available at: https://osf.io/ncsdm/

## Manuscripts in Preparation:

^Ballesteros, M., Maxwell, N. P., Alexander, M., & Hernandez, S. Mindfulness does not reduce the expectancy illusion on source-monitoring judgments. Target Journal: *Consciousness and Cognition.* Manuscript available at: https://osf.io/qxce8/

Brown, M., Sacco, D. F., Maxwell, N. P., Eagan, L. E., & Young, S. G. Facial formidability informs perceptions of men's ability to protect offspring. Target journal, *Journal of Experimental Psychology: General*.

*Calvert, J. B., Maxwell, N. P., & Smith, K. A. "They all look the same." Using judgments of learning to explore the role of social categorization in the cross-race effect. Target journal, *Journal of Experimental Psychology: Applied.* Manuscript available at: https://osf.io/jgkc9/

*Eagan, L. E., Brown, M., Maxwell, N. P. Facial masculinity buffers expectations of the Cinderella Effect in Men. Submitted for review, *Evolutionary Psychological Science.*

Maxwell, N. P. & *Adkins, M. Using judgments of learning to improve memory for educational text passages. Target Journal: *Journal of Applied Research in Memory and Cognition*

Maxwell, N. P & ^Ballesteros, M. Investigating the effects of distinctiveness on memory for Sans Forgetica font. Target journal: *Psychological Research*

Maxwell, N. P. & Buchanan, E. M. Are large language models sensitive to relatedness judgment overconfidence? Target journal: *Cognitive Processing*

## Presentations

\* = Undergraduate co-author; ^ = Graduate student co-author

## Talks:

Brooks, T. R., Balzarini, R., Erickson, W. B., Hinojosa, V., Jones, A., Macchione, A., Maxwell, N. P., Rivers, A. S, Shelton, J., & Stocks, E. *Lone Star Nationalism: Texan Identity and Claustropolitanism Predict Texit Support.* Abstract submitted to the 2024 meeting of the Southwestern Psychological Association, Little Rock, AR (March 2025).

Maxwell, N. P. *Minding the Source: Does Trait-Mindfulness Influence the Accuracy of Source Monitoring Judgments?* Talk presented at the annual MSU Texas Celebration of Scholarship, Wichita Falls, TX (April

2024).

*Ondechek, A. & <u>Maxwell, N. P.</u> *The Impact of Chronic Illnesses on Students' Perceptions of Belongingness.* Talk presented at the annual MSU Texas Celebration of Scholarship, Wichita Falls, TX (April 2024).

Hajnal, A., <u>Maxwell, N.P.</u>, & Huff, M. J. *Creation of Affordance Norms for 3000 Objects*. Talk presented at the 2023 International Conference on Perception and Action, Guadalajara, Mexico (June 2023).

<u>Maxwell, N. P.</u>, Hajnal, A., Huff, M. J., & Surber, T. *Creation of Affordance Norms for 3000 Objects*. Talk presented at the 63rd annual meeting of the Psychonomic Society, Boston, MA (Nov. 2022).

<u>Maxwell, N. P.</u>, Hajnal, A., Huff, M. J., & Surber, T. *Creation of Affordance Norms for 3000 Objects*. Talk presented at the 2022 North American meeting of the International Society for Ecological Psychology, Hattiesburg, MS (June 2022).

*Mitchell, A., Huff, M. J., & <u>Maxwell, N. P.</u> *Distinctive Sans Forgetica Font does not Benefit Memory Accuracy*. Talk presented at the annual University of Southern Mississippi Undergraduate Symposium on Research and Creative Activity. Hattiesburg, MS (April 2022).

*Shearin-Anderson, W., Huff, M. J., & <u>Maxwell, N. P.</u> *The Effect of Initial Testing on Misinformation for Videos*. Talk presented at the annual University of Southern Mississippi Undergraduate Symposium on Research and Creative Activity. Hattiesburg, MS (April 2022).

<u>Maxwell, N. P.</u>, *Cates, E. E., & Huff, M. J. *Item-Specific and Relational Encoding are Effective at Reducing the Illusion of Competence.* Talk presented at the University of Southern Mississippi's annual Susan A. Siltanen Graduate Student Research Symposium, Hattiesburg, MS (April 2022).

Namias, J. M, <u>Maxwell, N. P.</u>, & Huff, M. J. *Drawing Individual Images Benefits Recognition Accuracy in the DRM Paradigm.* Talk presented at the University of Southern Mississippi's annual Susan A. Siltanen Graduate Student Research Symposium, Hattiesburg, MS (April 2022).

<u>Maxwell, N. P.</u>, Huff, M. J., & Buchanan, E. M. *lrd: An R Package and Shiny Application for Quickly Processing Lexical Response Data*. Talk presented at the University of Southern Mississippi's annual Susan A. Siltanen Graduate Student Research Symposium, Hattiesburg, MS (April 2021).

*Perry, T., <u>Maxwell, N. P.</u>, & Huff, M. J. *Perceptually Distinctive Features of Study Words Do Not Inflate Judgments of Learning: Evidence from Font Size, Highlights, and Sans Forgetica Font Type*. Talk presented at the annual University of Southern Mississippi Undergraduate Symposium on Research and Creative Activity, Hattiesburg, MS (April 2021).

<u>Maxwell, N. P.</u>, Huff, M. J., & Buchanan, E. M. *lrd: An R Package and Shiny Application for Quickly Processing Lexical Response Data*. Talk presented at the 50th annual meeting of the Society for Computation in Psychology, Virtual Conference (Nov. 2020).

<u>Maxwell, N. P.</u>, Huff, M. J., & Schwartz, R. L. *Comparing Random versus Alternating-Runs Switch Costs in Younger Adults, Healthy Older Adults, Mild Cognitively Impaired Older Adults using the CV/OE Switch Task*. Abstract accepted at the University of Southern Mississippi's annual Susan A. Siltanen Graduate Student Research Symposium, Hattiesburg, MS (March 2020). Conference canceled due to COVID-19.

Buchanan, E. M., Valentine, K. D., <u>Maxwell, N. P.</u>, Taylor J. E., & Montefinese, M. *Power Simulations for Linguistic Norm Data Collection*. Talk presented at the 61st annual meeting of the Psychonomic Society, Virtual Conference (Nov. 2020).

Maxwell, N. P. & Buchanan, E. M. *Manipulating Associative, Semantic, and Thematic Relationships Between Word Pairs to Predict Recall Performance.* Talk presented at the annual Missouri State University Graduate Interdisciplinary Forum, Springfield, MO (April 2017).

## Posters:

*Adkins, M. & Maxwell, N.P. *Judgments of Learning do not Improve Free-Recall of Educational Text Passages.* Abstract submitted to the 2025 meeting of the Southwestern Psychological Association, Little Rock, AR. (March 2025).

^Ballesteros, B. & Maxwell, N. P. *Propositional Cognitive Complexity: A Dialectical Model.* Abstract submitted to the 2025 meeting of the Southwestern Psychological Association, Little Rock, AR (March 2025).

Maxwell, N.P., *Calvert, J. B., & Smith, K. A. *"They all look the same?" Using Judgments of Learning to Investigate the Cross-Race Effect.* Abstract submitted to the 2025 meeting of the Southwestern Psychological Association, Little Rock, AR. (March 2025).

^Morehead, A. G., Maxwell, N. P., & Huff, M. J. *The art of (Un)Certainty: Confidence Ratings Produce Positive Reactivity on Cued-Recall.* Poster presented at the 65th annual meeting of the Psychonomic Society, New York, NY (Nov. 2024).

*Ondechek, A. & Maxwell, N. P. *The Impact of Chronic Illnesses on Students' Perceptions of Belongingness.* Poster presented at the annual National Collegiate Honors Council Conference, Kansas City, MO (Oct. – Nov. 2024).

^Ballesteros, M. & Maxwell, N. P. *Cumulative Complexity: Explicating the Structure of Argumentation.* Poster presented at the 2024 meeting of the Southwestern Psychological Association, San Antonio, TX (March 2024).

*Calvert, J. B. & Maxwell, N. P. *Investigating the Cross-Race Effect on Memory and Metamemory Judgments.* Poster presented at the 2024 meeting of the Southwestern Psychological Association, San Antonio, TX (March 2024).

Maxwell, N. P, Huff, M. J., Hajnal, A., Namias, J. M., & Surber, T. *Affordance Norms for 3000 Highly Concrete Nouns.* Poster presented at the 64th annual meeting of the Psychonomic Society, San Francisco, CA (Nov. 2023).

Maxwell, N. P & Huff, M. J. *Investigating the Effects of Mediated Association on JOL Reactivity.* Poster presented at the 64th annual meeting of the Psychonomic Society, San Francisco, CA (Nov. 2023).

^Alexander, M., ^Ballesteros, M., ^Hernandez, S, & Maxwell, N. P. *Investigating the Relationship Between Trait-Mindfulness and Source-Monitoring Accuracy in the Judgment of Source Paradigm.* Poster presented at the annual MSU Texas Celebration of Scholarship, Wichita Falls, TX (April 2023).

^Alexander, M., ^Ballesteros, M., ^Hernandez, S, & Maxwell, N. P. *Investigating the Relationship Between Trait-Mindfulness and Source-Monitoring Accuracy in the Judgment of Source Paradigm.* Poster presented at the 2023 meeting of the Southwestern Psychological Association, Frisco, TX (March 2023).

Maxwell, N. P., Huff, M. J., & *Mitchell, A. *Distinctive Sans Forgetica font does not benefit memory accuracy in the DRM paradigm.* Poster presented at the 63rd annual meeting of the Psychonomic Society, Boston, MA (Nov. 2022).

Namias, J. M., Maxwell, N. P., & Huff, M. J. *Evaluating Switch Costs using Alternating-Runs and Random Sequencing Using the Consonant-Vowel/Odd-Even Task in Younger, Healthy Older, and Mildly Impaired Older Adults.* Poster presented at the 2022 Cognitive Aging Conference, Atlanta, GA (April 2022).

Maxwell, N. P., *Perry, T., & Huff, M. J. *Perceptually Fluent Features of Study Words Do Not Inflate Judgments of Learning: Evidence from Font Size, Highlights, and Sans Forgetica Font Type*. Poster presented at the 62nd annual meeting of the Psychonomic Society, Virtual Conference (Nov. 2021).

Maxwell, N. P. & Huff, M. J. *The Effects of Associative Direction on Judgment of Learning Reactivity*. Poster presented at the 61st annual meeting of the Psychonomic Society, Virtual Conference (Nov. 2020).

Namias, J. M., Maxwell, N. P., Huff, M. J., & Schwartz, R. L. *Comparing Random versus Alternating-Runs Switch Costs in Younger and Older Adults using the CV/OE Switch Task*. Poster presented at the 61st annual meeting of the Psychonomic Society, Virtual Conference (Nov. 2020).

*Cates, E. E., Maxwell, N. P., & Huff, M. J. *Item-Specific vs. Relational Processing can Reduce and Even Eliminate Illusions of Competence*. Abstract accepted at the annual University of Southern Mississippi Undergraduate Symposium on Research and Creative Activity, Hattiesburg, MS (April 2020). Conference canceled due to COVID-19.

*Namias, J. M., Maxwell, N. P., Huff, M. J., & Schwartz, R. L. *Comparing Random versus Alternating-Runs Switch Costs in Younger Adults, Healthy Older Adults, Mild Cognitively Impaired Older Adults using the CV/OE Switch Task*. Abstract accepted at the annual University of Southern Mississippi Undergraduate Symposium on Research and Creative Activity, Hattiesburg, MS (April 2020). Conference canceled due to COVID-19.

Maxwell, N. P., Huff, M. J., & Schwartz, R. L. *Comparing Random versus Alternating-Runs Switch Costs in Younger and Older Adults using the CV/OE Switch Task*. Abstract accepted at the 2020 Cognitive Aging Conference, Atlanta, GA (April 2020). Conference canceled due to COVID-19.

Maxwell, N. P. & Huff, M. J. *Relations are not Always Beneficial: The Effect of Associative Direction on Judgments of Learning*. Poster presented at the 60th annual meeting of the Psychonomic Society, Montreal, QC, CA (Nov. 2019).

Smith, K. A., Gretz, M. R., Maxwell, N.P., & Huff, M. J. *The Cognitive Benefits of Deadly Diseases: Increased Memorability for Contaminated Items on Tasks of Recall and Source Recognition.* Poster presented at the 60th annual meeting of the Psychonomic Society, Montreal, QC, CA (Nov. 2019).

Obiadi, C., Maxwell, N. P., Huff, M. J., & Schwartz, R. L. *The CVOE Assessment: A Potential Non-Invasive Detector of Preclinical Alzheimer's Disease.* Poster presented at the annual William Carey University Biomedical Research Symposium, Hattiesburg, MS (April 2019).

*Cates, E. E., Maxwell, N. P., & Huff, M. J. *The Direction of Association Affects Illusions of Competence in Cued-Recall of Word Pairs*. Poster presented at the annual University of Southern Mississippi Undergraduate Symposium on Research and Creative Activity, Hattiesburg, MS (April 2019).

Maxwell, N. P. & Huff, M. J. *Relations are not Always Beneficial: The Effect of Associative Direction on Judgments of Learning*. Poster presented at The University of Southern Mississippi's annual Susan A. Siltanen Graduate Student Research Symposium, Hattiesburg, MS (April 2019).

Buchanan, E. M., Maxwell, N. P., Valentine, K. D., Cunningham, A., Gillenwaters, A. M., Padfield, W. E., Hopke, T., Van Nuland, A., & Wikowsky, A. *Using the Semantic Priming Project to Understand Variability in Priming.*

Poster presented at the 59th annual meeting of the Psychonomic Society, New Orleans, LA (Nov. 2018).

Maxwell, N. P. & Buchanan, E. M. *Modeling Memory: Exploring the Interaction between Associative, Thematic, and Semantic Overlap when Predicting Judgments and Recall.* Poster presented at the annual Missouri State University Graduate Interdisciplinary Forum, Springfield, MO (May 2018).

Maxwell, N. P. & Buchanan, E. M. *Single and Double Word-Pair Norms: Predictive Ability of Recall and Judgments.* Poster presented at the 2018 meeting of the Midwestern Psychological Association, Chicago, IL (April 2018). Abstract available at: https://osf.io/7je2u/download

Maxwell, N. P., Kostic, B., & Buchanan, E. M. *The Interaction of Semantic, Thematic, and Associative Overlap Strength in Predicting Recall*. Poster presented at the 58th annual meeting of the Psychonomic Society, Vancouver, BC, Canada (Nov. 2017). Poster available at: https://osf.io/ncmsb/download

Pavlacic, J. M., Buchanan, E. M., & Maxwell, N. P. *A Meta-Analysis of Expressive Writing on Quality of Life and Posttraumatic Growth.* Poster presented at the 2017 meeting of the Southwestern Psychological Association, San Antonio, TX (April 2017).

Pavlacic, J. M., Buchanan, E. M., & Maxwell, N. P. *A Meta-Analysis of Expressive Writing on Quality of Life and Posttraumatic Growth.* Poster presented at the annual Missouri State College of Health and Human Services Student Research Symposium, Springfield, MO (April 2017).

Buchanan, E. M., Miller, K. D., Klug, E. R., Knoph, R. E., Kusel, E., Marshall, C. Z., Maxwell, N. P., & Swadley, R. L. *Metacognitive Awareness and Judgements of Learning in Statistics Courses.* Poster presented at the 57th annual meeting of the Psychonomic Society, Boston, MA (Nov. 2016).

## Additional Projects

### *R* Packages:

***lrd:*** A package for quickly processing lexical response data in *R*.
   **Role:** Creator and maintainer (2019 – Present)
   **Available at:** https://github.com/npm27/lrd/

## Research Mentorship

### Masters Students Supervised:

Matthew Morales, *Midwestern State University*, Wichita Falls, TX (2023 – 2024)
Mikallah Alexander, *Midwestern State University*, Wichita Falls, TX (2022 – 2024)
Morgan Ballesteros, *Midwestern State University,* Wichita Falls, TX (2022 – Present)
Shakira Hernandez, *Midwestern State University*, Wichita Falls, TX (2022 – 2024)

### Undergraduate Students Supervised:

Mckinzie Adkins, *Midwestern State University*, Wichita Falls, TX (2024 – Present)
Andrew Delony-Robert, *Midwestern State University*, Wichita Falls, TX (2024 - Present)
Avery Ondechek, *Midwestern State University*, Wichita Falls, TX (2023 – 2024)
Julius Calvert, *Midwestern State University*, Wichita Falls, TX (2023 – 2024)
Brylee Grubb Erwin, *Midwestern State University*, Wichita Falls, TX (2023)

## Research Supervision

### Masters Theses Chaired:

Morgan Ballesteros, *Midwestern State University*, Wichita Falls, TX (2022 – Present)
> **Thesis Title:** Predicting Academic Performance with Automated Integrative Complexity

### Undergraduate Honors Projects Supervised:

Andrew Delony-Robert, *Midwestern State University*, Wichita Falls, TX (2025 – Present)
> **Project Title:** Demonstrating the Potential of Lasting Negative Impacts from Audiovisual Media
> Co-Supervised with Dr. Michael Vandehey

Mckinzie Adkins, *Midwestern State University,* Wichita Falls, TX (2024 – Present)
> **Project Title:** Do Judgments of Learning Improve Memory for Educationally Relevant Study Materials?

## Teaching Experience

### Teaching Interests:

*Quantitative Methods:* Statistics, Research Methods, Psychometrics

*Cognition:* Cognitive Psychology; Language, Memory; Cognitive Aging

*Foundational:* General Psychology; APA Writing

### Undergraduate Courses Taught:

^ = online course

*Midwestern State University (2022 – Present):*

| | |
|---|---|
| **PSYC 2203** General Psychology II (3 sections)[1] | (Spring 2025)[2] |
| **PSYC 4703** Research Methods in Psychology (3 sections) | (Spring 2025) |
| **PSCY 3503** Social Psychology (2 sections) | (Spring 2025) |
| **PSYC 3233** Developmental Psychology (10 sections) | (Fall 2024) |

---

[1] Denotes total number of sections of course taught across all semesters at institution.

[2] Indicates most recent semester teaching course.

**PSYC 4503** Psychological Tests and Evaluations (2 sections)     (Fall 2024)

**PSYC 4973** Special Topics in Memory (1 section)     (Spring 2024)

**PSYC 3303** Writing in Psychology (2 sections)     (Fall 2023)

**PSYC 4163** ^Cognition (1 section)     (Summer 2023)

**PSYC 1103** General Psychology I (1 section)     (Fall 2022)

*University of Southern Mississippi (2019 – 2020):*

**PSY 360** Introduction to Statistical Methods (2 sections)     (Spring 2020)

## Undergraduate Courses TA'd:

*University of Southern Mississippi:*

**PSY 436** Abnormal Psychology (1 section)     (Summer 2021)

**PSY 360** Introduction to Statistical Methods (1 section)     (Spring 2019)

**PSY 110** Introduction to Psychology (1 section)     (Fall 2018)

*Missouri State University:*

**QBA 337** Advanced Business Statistics (3 sections)     (Spring 2018)

**QBA 237** Basic Business Statistics (9 sections)     (Spring 2018)

## Guest Lectures and Invited Talks:

**Being successful in graduate school,** Brain and Behavior Brown Bag, *USM*, February 24th, 2023

**Creation of affordance norms for 3000 concrete nouns,** SEE Lab Brown Bag, *University of Connecticut*, October 21st, 2022

**A (very) brief introduction to R**, Brain and Behavior Brown Bag, *USM*, October 1st, 2021

**Conducting analyses with SPSS,** PSY 360 Introduction to Statistical methods, *USM*, February 5th, 2019

## Tutoring Experience:

**College of Business Tutoring Lab**, *Missouri State University*
    **Graduate Tutor:** Spring 2017 – Spring 2018
    **Courses Tutored:** QBA 237 Basic Business Statistics; QBA 337 Applied Business Statistics

**Student Support Services**, *Mississippi State University*
    **Undergraduate Tutor:** Spring 2014
    **Courses Tutored:** PSY 1013 General Psychology

## Other Relevant Experience: Data Analysis

**The University of Southern Mississippi,** *Office of Institutional Research,* Hattiesburg, MS
        Graduate Assistant (Aug. 2020 – May 2022)
        Online: https://www.usm.edu/institutional-research/index.php

**Skyfactor,** *Analytics and Research Team,* Springfield, MO
        Graduate Student Intern (Jan. 2017 – July 2018)
        Online: https://www.skyfactor.com/

## Computer and Technical Skills

### Programming:

*Advanced Knowledge*:

- *R* (including data visualization with *ggplot2*, mixed effects modeling with *nlme* and *lme4*, structural equation modeling with *lavaan*, basic machine learning with the stats, caret, and class packages, data wrangling with *plyr* and *dplyr*, and developing interactive web applications with *shiny* and *shinydashboard*)

*Basic Knowledge*:

- Python (including dataframe manipulation with *Pandas*, statistical programming with *Numpy* and *Scipy*, regression modeling with *sci-kit learn*, data visualization with *MatPlotLib*, and text analysis with *NLTK*)
- MatLab
- HTML5
- PHP
- Julia

### Statistical Software Programs:

*Advanced Knowledge*:

- SPSS

*Basic Knowledge:*

- Tableau
- Mplus

### Learning Management Systems:

*Advanced Knowledge*:

- Canvas
- Desire2Learn (D2L)

*Basic Knowledge:*

- Blackboard

### Miscellaneous:

*Basic Knowledge:*

- GitHub
- Mendeley

# Funding, Awards, and Honors

## Intramural Research Grants

**Project:** *Exploring the Effects of List-Wise Relatedness on Judgment of Learning Reactivity*
**Organization:** Midwestern State University
**Amount Awarded:** $2400.00 (*Funding period:* November 2023 – August 2024)
**Role:** PI

**Project:** *Investigating the Effects of Mindfulness on Source-Monitoring Accuracy*
**Organization:** Midwestern State University
**Amount Awarded:** $1960.00 (*Funding period:* November 2022 – August 2023)
**Role:** PI

<div align="right">

**Total Intramural Funding:** $4360.00

</div>

## Research Funding Awards:

College Research and Faculty Development Grant, *Midwestern State University* (2024)  $3594.16
College Research and Faculty Development Grant, *Midwestern State University* (2023)  $2412.90
College Research and Faculty Development Grant, *Midwestern State University* (2022)  $1502.34
BBPSG Research Award, *USM*, School of Psychology (2020)  $100.00
Thesis Funding Award, *Missouri State University*, Dept. of Psychology (2017)  $500.00

<div align="right">

**Total Research Award Funding:** $8139.41

</div>

## Travel Awards:

Graduate Student Competitive Travel Award, *USM*, The Graduate School (2022, 2021, 2019)[3]  $1000.00
Travel Award, *Missouri State University*, Dept. of Psychology (2018, 2017)  $250.00
Graduate Student Travel Award*, Missouri State University*, The Graduate College (2016)  $300.00

## Other Awards and Scholarships:

Graduate Student Hall of Fame, *USM*, The Graduate School (2022)
Susan A. Siltanen Graduate Student Research Symposium, 2nd place Research Talk, *USM* (2021)
Missouri Outreach Graduate Opportunity Scholarship, *Missouri State University,* The Graduate College (2016)

# Service

## Service to the Profession:

*Conference Sessions Chaired:*
**2022 Meeting of the International Society for Ecological Psychology**, Late Afternoon Session, *Hattiesburg, MS* (June 2022)

*Ad Hoc Reviews:*

---

[3] Denotes separate years in which funding was awarded. Right most column reflects most recent award amount.

Journals: *Behavior Research Methods; Experimental Psychology*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Memory*; *Memory & Cognition*; *Metacognition and Learning*

Other: *In-Mind Magazine*

## University Service:

**Member**, Core Curriculum Committee, *Midwestern State University* (2024 – Present)
**Graduate Faculty Appointment**, *Midwestern State University (*2023 – Present)
**MSU Texas Celebration of Scholarship**, *Midwestern State University*, Moderator/Evaluator (2024)[4]
**USM Honors Day Experimenter Showcase**, *The University of Southern Mississippi*, Volunteer Presenter (2018)

## College Service:

**Member***,* Teaching and Scholarship Award Committee, *Midwestern State University* (2023 – Present)

## Department Service:

**Faculty Sponsor***,* Psi Chi, *Midwestern State University* (2023 – Present)
**Coordinator**, Brain and Behavior Brown Bag Talk Series, *The University of Southern Mississippi* (2019 – 2022)
**Administrator**, Brain and Behavior Psychology Facebook Page, *The University of Southern Mississippi* (2019 – 2020)

## Campus Organizations:

**Brain and Behavior Psychology Student Government**, *The University of Southern Mississippi*
      **Role:** Social and Professional Development Officer (2019 – 2022)

**USM Brain and Behavior *R* Group**, *The University of Southern Mississippi*
      **Role:** Organizer (2019 – 2021)

# Professional Memberships

Society for Computation in Psychology (2019 – Present)
      *Steering Committee Member* (2024 – Present)
Southwestern Psychological Association (2018; 2022 – Present)
Midwestern Psychological Association (2018)
Psychonomic Society (2016 – Present)
Psi Chi (2013 – Present)

[4] Dates denote most recent year volunteering

# References

Dr. Mark J. Huff (Mark.Huff@usm.edu)
Associate Professor of Psychology
The University of Southern Mississippi
Hattiesburg, MS, 39406

Dr. Erin M. Buchanan (Ebuchanan@HarrisburgU.edu)
Professor of Cognitive Analytics
Harrisburg University of Science and Technology
Harrisburg, PA, 17101

Dr. David Carlston (david.carlston@msutexas.edu)
Professor of Psychology
Midwestern State University
Wichita Falls, TX, 76308

Dr. Mitch Brown (mb103@uark.edu)
Instructor of Psychology
The University of Arkansas
Fayetteville, AR, 72701