

ZACHARY M. HIMMELBERGER

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EDUCATION

- Doctorate of Philosophy in Experimental Psychology**, The University of Alabama 2018
Emphasis in Cognitive Psychology and Developmental Science
Minor Emphasis in Statistics
Dissertation: The Acquisition of Survey Knowledge across Repeated Exposures
to a Novel Environment in Individuals with Down Syndrome
- Master of Arts in Experimental Psychology**, The University of Alabama 2015
Thesis: Processing Spatial Relations: The Role of Instructions on the Priming
of Egocentric and Allocentric Spatial Representations
- Bachelor of Arts in Psychology**, Rivier College 2012
Honor's Thesis: The Testing Effect in the Classroom

PROFESSIONAL EXPERIENCE

- Maryville College**, Maryville, TN
Assistant Professor of Psychology in Developmental and Experimental Research 2022-present
Lecturer in Psychology 2017-2022

Responsibilities:

- Teach three courses per semester, conduct empirical research and supervise undergraduate theses, advise students, serve on committees, provide statistical support to internal projects, and support departmental needs

- Bellevue University**, Bellevue, NE 2019-2020
Adjunct Instructor

Responsibilities:

- Teach one online course per winter and summer semester

- The University of Alabama**, Tuscaloosa, AL 2012-2017
Graduate Student Assistant

Responsibilities:

- Instructor, graduate teaching assistant, and graduate research assistant for Dr. Edward Merrill

RESEARCH EXPERIENCE

- Cognitive Science Lab** 2018-present
Principal Investigator: Zachary Himmelberger
Maryville College, Maryville, TN

Responsibilities: The main goal of the Cognitive Science Lab is to help undergraduate students gain hands-on research experience and professional skills that will aid them in their pursuit of graduate degrees. I supervise undergraduate student research assistants conducting empirical psychological research, maintain collaborations with researchers at other institutions, and provide data analytic support to faculty and staff at Maryville College and non-profits in the Maryville, TN community. Students in the lab also provide academic peer support in statistical programming, data analysis, APA formatting, and research writing.

Research Assistant

2012-2017

Principal Investigator: Dr. Edward Merrill
The University of Alabama, Tuscaloosa, AL

Responsibilities: Conducted various cognitive tasks with college students, children, and people with intellectual disability; data entry and analysis for multiple projects; recruited participants from a variety of sources, including participant pools, local community, and through service providers; trained undergraduate and graduate research assistants on testing procedures and data entry; and, worked closely with undergraduate students to schedule and test participants.

PUBLICATIONS

- Himmelberger, Z.M.**, Faught, G.G., Tungate, A., Conners, F.A., & Merrill, E.C. (2022) Personality Traits Predict Attitudes toward Individuals with Intellectual Disability. *International Journal of Developmental Disabilities*, 0(0), 1-9. <https://doi.org/10.1080/20473869.2022.2044594>
- Yang, Y., **Himmelberger, Z.M.**, Robinson, T., Davis, M., Conners, F., & Merrill, E. (2021). Everyday memory in people with Down syndrome. *Brain Sciences*, 11(551), 1-15. <https://doi.org/10.3390/brainsci11050551>
- Faught, G.G., **Himmelberger, Z.M.**, Conners, F.A., & Tungate, A. S. (2020). Sustained Attention to Response Task Performance Trajectories in Down Syndrome. *Journal of Intellectual Disability Research*, 1-6. <https://doi.org/10.1111/jir.12805>
- Lewis, J., **Himmelberger, Z.M.**, & Elmore, J.D. (2020). I Can See Myself Helping: The Effect of Self-Awareness on Prosocial Behavior. *International Journal of Psychology*, 56(5), 710-715. <https://doi.org/10.1002/ijop.12733>
- Himmelberger, Z.M.**, Merrill, E.C., Conners, F.A., Roskos, B., Yang, Y., & Robinson, T. (2020). The Acquisition of Survey Knowledge by Individuals with Down syndrome. *Frontiers in Human Neuroscience*, 14(256), 1-17. <https://doi.org/10.3389/fnhum.2020.00256>
- Faught, G.G., Conners, F.A., & **Himmelberger, Z.M.** (2016). Auditory and visual sustained attention in Down syndrome. *Research in Developmental Disabilities*, 53, 135-146. <https://doi.org/10.1016/j.ridd.2016.01.021>

MANUSCRIPTS IN PREPARATION/REVIEW

A complete draft of each project is available for review upon request.

Himmelberger, Z.M., Bagci, M., Roskos, B., & Merrill, E.C. (under review in the *Journal of Environmental Psychology*) The Effect of Landmark Saliency on Route and Landmark Learning Trajectories

Sherwood, J.A., Lewis, J.A., Elmore, J.D., & **Himmelberger, Z.M.** (rejected, not yet resubmitted) The leprous nature of victim status: Victimization decreases social desirability

Himmelberger, Z.M., Coyle, E., & Leonard, T. (rejected, not yet resubmitted) The Relationship between Contact and Social Comfort around Individuals with Intellectual Disabilities

WORKSHOPS

Himmelberger, Z., & Johnson, A.R. (2021, March) Applied Multilevel Modeling with Longitudinal Data. Workshop given at the Annual Meeting of the Southeastern Psychological Association.

Himmelberger, Z., & Johnson, A.R. (2020, June) An Introduction to Multilevel Modeling. Workshop given at the Annual Meeting of the Southeastern Psychological Association.

Himmelberger, Z., & Johnson, A. R. (2018, April) Introduction to R. Workshop given to students, faculty, and staff at Maryville College.

CONFERENCE PRESENTATIONS

*Undergraduate student author

Elmore, J.D., Lewis, J.A., **Himmelberger, Z.M.** & Sherwood, J.A. (2022, May) Moral or Not? the Morality of Everyday Behaviors and Individual Differences in Moral Detection. Poster presentation at the Annual Meeting of the Association for Psychological Science, Chicago, IL.

Lewis, J.A., Sherwood, J.A., **Himmelberger, Z.M.**, & Elmore, J.D. (2022, May) Picking Sides in a Fight Is a Coin Flip: Layperson MMA Fight Outcome Predictions Perform No Better Than Chance. Poster presentation at the Annual Meeting of the Association for Psychological Science, Chicago, IL.

Sherwood, J.A., Lewis, J.A., Elmore, J.D., & **Himmelberger, Z.M.** (2022, May) The Leprous Nature of Victim Status: Being Victimized Decreases Social Desirability. Poster presentation at the Annual Meeting of the Association for Psychological Science, Chicago, IL.

Lewis, J.A., Sherwood, J.A., Elmore, J.D., & **Himmelberger, Z.M.** (2021, May) I Came, I Saw, I Helped: Self-Awareness Increases Prosocial Behavior Regardless of Self-Presentational Concerns. Poster presentation at the Annual Meeting of the Association for Psychological Science.

*Ross, V., *Goforth, B., & **Himmelberger, Z.** (2021, March) Just World Belief and Authoritarianism May Interact to Promote Sexism. Poster presentation at the Annual Meeting of the Southeastern Psychological Association.

*Goforth, B., *Ross, V., & **Himmelberger, Z.** (2021, March) Relationship between Sexual Education, Religiosity, and Rape Myth Acceptance. Poster presentation at the Annual Meeting of the Southeastern Psychological Association.

*Tucker, C., *Johnson, J., & **Himmelberger, Z.** (2021, March) Self-esteem and Dungeons & Dragons Character Creation. Poster presentation at the Annual Meeting of the Southeastern Psychological Association.

*Bagci, M., **Himmelberger, Z.**, & *O'neil, A. (2020, June) The Effects of Landmark Saliency on Route Learning. Poster presentation at the Annual Meeting of the Southeastern Psychological Association.

*Leonard, T., *Guisadio, G., *Coyle, E., & **Himmelberger, Z.** (2020, June) Relationship between Contact and Comfort around Individuals with Intellectual Disability. Poster presentation at the Annual Meeting of the Southeastern Psychological Association.

*Coyle, E., *Leonard, T., & **Himmelberger, Z.** (2020, June) A New Measure of Comfort around Individuals with Intellectual Disability. Poster presentation at the Annual Meeting of the Southeastern Psychological Association.

*Wilson, H., Shiba, K., & **Himmelberger, Z.** (2019, April) College Students' Electronics and Social Media Use: The Impact of Nature Exposure and Physical Activity. Poster presentation at the National Conference on Undergraduate Research, Kennesaw, GA.

*Wang, K., Shiba, K., & **Himmelberger, Z.** (2019, April) The Attitude of Teachers Towards Online Teaching Environments from a Global Perspective. Poster presentation at the National Conference on Undergraduate Research, Kennesaw, GA.

Merrill E., Connors, F., Roskos, B., Robinson, T., **Himmelberger, Z.**, & Yang, Y. (2019, March) Acquisition of Route and Survey Knowledge during Wayfinding by Individuals with Down Syndrome. Symposium presentation at the Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

*Everett, D., Shiba, K., & **Himmelberger, Z.** (2018, November). Impact of cause of death on attitudes towards the deceased. Poster presentation at the Tennessee Psychological Association Convention, Nashville, TN.

Himmelberger, Z., Tungate, A., Faught, G., Merrill, E., & Conners, F. (2017, March) Predicting Attitudes Towards People with Intellectual Disability. Poster Presentation at the Gatlinburg Conference on Research and Practice in Intellectual and Developmental Disabilities. San Antonio, TX.

Robinson, T., Merrill, E., Yang, Y., Conners, F., **Himmelberger, Z.**, & Davis, M. (2017, March) Developmental trajectory analysis of verbal and every day long term memory: A comparison of persons with intellectual disability with and without down syndrome. Poster Presentation at the Gatlinburg Conference on Research and Practice in Intellectual and Developmental Disabilities. San Antonio, TX.

Himmelberger, Z., Kraemer, K.R., & Merrill, E.C. (2016, November). Gender Differences in Memory for Landmarks at Choice Points. Poster presentation at the Annual Meeting of the Psychonomic Society, Boston, MA.

Himmelberger, Z. & Merrill, E.C. (2015, November). Instruction Moderates the Location Priming Effect of Egocentric and Allocentric Specific Processing. Poster presentation at the Annual Meeting of the Psychonomic Society, Chicago, IL.

Merrill, E. C, Yang, Y. **Himmelberger, Z.**, *Robinson, T., & *Reid, C. (2015, March). Do you know which way is north? children's cardinal direction knowledge. Poster presentation at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.

Yang, Y., Merrill, E. C, & **Himmelberger, Z.** (2015, March). Contribution of sex, age, and spatial abilities to the development of route learning skills. Paper presentation at the Biennial Meeting of the Society For Research In Child Development, Philadelphia, PA.

Himmelberger, Z., & Merrill, E. C. (2014, November). Negative priming of spatial relations. Poster presentation at the Annual Meeting of the Psychonomic Society, Long Beach, CA.

Rekart J. L., Schoenfeld, N., ***Himmelberger, Z.**, & Pelletier, C. (2012) Assessing K-12 educator and college student beliefs and knowledge about the brain. Poster presentation at the Association for Psychological Science, Chicago, IL, II-49.

TEACHING EXPERIENCE

Maryville College

2017-present

Courses Taught

R Programming in Psychology
Intellectual Disability: Brain and Cognition
Developmental Disabilities
Advanced Neuroscience
Introductory Psychology
Experimental Psychology
Research Design
Adolescent Psychology
Adult Development and Aging
Introductory Statistics
Cognitive Psychology
Readings Course in Cognitive Psychology

Bellevue University

2019-2020

Courses Taught

Introduction to Psychology

Human Development

The University of Alabama

2012-2017

Courses Taught

Experimental Research Laboratory

Introduction to Psychology

Elementary Statistics

Research Laboratory Coordinator (for all Experimental Research Lab sections)

Psychology, Law, & Justice (Teaching Assistant)

Physiological Psychology (Teaching Assistant)

Elementary Statistics (Teaching Assistant)

History and Systems in Psychology (Teaching Assistant)

Honors Introductory Psychology (Teaching Assistant)

GRANTS AND AWARDS

Outstanding Teacher Award at Maryville College

2022

Recognition based on a nomination ballot from the junior and senior classes.

Faculty Development Award

2021

Award given by Maryville College to complete a MicroMaster's Program in Statistics and Data Science at MITx.

Amount: \$2,700

Faculty Development Award

2019

Award given by Maryville College to take undergraduate students to a professional conference.

Funds were

not used due to COVID.

Amount: \$2,130

Research Travel Award

2015

Award given by The University of Alabama to present research at a professional conference.

Amount: \$600

Research Travel Award

2014

Award given by The University of Alabama to present research at a professional conference.

Amount: \$600

Research Travel Award

2014

Award given by The University of Alabama to present research at a professional conference.

Amount: \$600

Research Award

2013

Award given by The University of Alabama to conduct Master's Thesis research.

Amount: \$600

PROFESSIONAL DEVELOPMENT

Probability - The Science of Uncertainty and Data

2022

MITx 6.431x course as part of the MIT Statistics and Data Science MicroMaster's curriculum

Machine Learning & Statistical Analysis (with honors)

2021

WorldQuant University Applied Data Science Module

Scientific Computing & Python (with honors) WorldQuant University Applied Data Science Module	<i>2021</i>
Bayesian Data Analysis Course taught by Aki Vehtari (GSU, 2021)	<i>2021</i>
Information Technology and the Community Engagement Professional Community of Practice hosted by Indiana Campus Compact	<i>2019</i>
ACUE Certificate in Effective Instruction Career Guidance and Readiness concentration	<i>2019</i>

SERVICE AND COMMITTEE WORK

Maryville College Faculty Salary Committee	<i>2021-present</i>
Faculty advisor for the Maryville College Best Buddies student organization	<i>2019-present</i>
Maryville College Student Life Committee	<i>2018-2019</i>
Faculty representative for the Maryville College Student Government Association	<i>2018-2019</i>
UA-ACTS Mentor for students with Autism Spectrum Disorder	<i>2014-2015</i>
Graduate student representative to the Undergraduate Advising Committee	<i>2014-2015</i>
Graduate student representative to the Graduate Curriculum Committee	<i>2014</i>
Mentor for 1st Year Graduate Students	<i>2013 & 2015</i>

TECHNICAL PROGRAMS

Data Analysis	R, Stan, SPSS, SAS
Programming	Python, JavaScript
Survey Research	Qualtrics, GoogleForms, SurveyMonkey
Experiment Builders	SuperLab, PsychoPy, OpenSesame
Other Tools	SQL, Node.js, L ^A T _E X, Rmarkdown, Microsoft Office