

# ZACHARY M. HIMMELBERGER

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<https://github.com/ZacharyHimmelberger>

## EDUCATION

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- 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

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- Lecturer**, Maryville College, Maryville, TN *2017-present*  
Responsibilities:
- Teach three courses per semester
  - Conduct research and supervise undergraduate theses
  - Advise students
  - Serve on committees and provide departmental support
- Adjunct Instructor**, Bellevue University, Bellevue, NE *2019-2020*  
Responsibilities:
- Teach one online course per winter and summer semester
- Graduate Student Assistant**, The University of Alabama, Tuscaloosa, AL *2012-2017*  
Responsibilities:
- Graduate teaching assistant and instructor
  - Graduate research assistant for Dr. Edward Merrill

## TEACHING EXPERIENCE

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- Maryville College** *2017-present*  
Courses Taught  
Introductory Psychology  
Experimental Psychology  
Research Design  
Adolescent Psychology  
Adult Development and Aging  
Intellectual Disability: Brain and Cognition  
Introductory Statistics  
R Programming in Psychology

Readings Course in cognitive psychology  
Developmental Disabilities

**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 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)

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**RESEARCH EXPERIENCE**

**Cognitive Science Research Lab**

2018-present

Principal Investigator: Zachary Himmelberger  
Maryville College, Maryville, TN

Responsibilities: I supervise undergraduate student research assistants on several projects, including psychological research, data analysis support for Senior study students, and data analytic support to the Maryville College Career Center. We work primarily with R, but also provide SPSS support for students.

**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.

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**PUBLICATIONS**

Yang, Y., **Himmelberger, Z.M.**, Robinson, T., Davis, M., Conners, F., & Merrill, E. (2021). Every-day memory in people with Down syndrome. *Brain Sciences*, 11 (551), 1-15. doi: 10.3390/brain-sci11050551

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. doi: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*. doi: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. doi: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. doi:10.1016/j.ridd.2016.01.021

## MANUSCRIPTS IN PREPARATION/REVIEW

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

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.**, Bagci, M., Merrill, E.C., & Roskos, B. (manuscript in preparation) The Effect of Landmark Saliency on Route and Landmark Learning Trajectories

**Himmelberger, Z.M.**, Faught, G.G., Tungate, A., Conners, F.A., & Merrill, E.C. (under review in the International Journal of Developmental Disabilities) Personality Traits Predicting Attitudes toward Individuals with Intellectual Disability

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

## WORKSHOPS

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**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, May) Introduction to R. Workshop given to students, faculty, and staff at Maryville College.

## CONFERENCE PRESENTATIONS

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\*Undergraduate student author

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., Conners, 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, 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.

## SERVICE AND COMMITTEE WORK

Faculty Advisor for Best Buddies student organization

*2019-present*

Student Life Committee

*2018-2019*

Faculty representative for the Student Government Association	<i>2018-2019</i>
UA-ACTS Mentor for students with Autism Spectrum Disorder	<i>2014-2015</i>
Undergraduate Advising Committee	<i>2014-2015</i>
Graduate Curriculum Committee	<i>2014</i>
Mentor for 1st Year Graduate Students	<i>2013 &amp; 2015</i>

## PROFESSIONAL DEVELOPMENT

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WorldQuant University Applied Data Science Module Machine Learning & Statistical Analysis (with honors)	<i>2021</i>
WorldQuant University Applied Data Science Module Scientific Computing & Python (with honors)	<i>2021</i>
Bayesian Data Analysis Course taught by Aki Vehtari (GSU, 2021)	<i>2021</i>
ACUE Certificate in Effective Instruction Career Guidance and Readiness concentration	<i>2019</i>

## TECHNICAL PROGRAMS

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<b>Data Analysis</b>	R, Stan, SPSS, SAS
<b>Programming</b>	Python
<b>Survey Research</b>	Qualtrics, GoogleForms, SurveyMonkey
<b>Experiment Builders</b>	SuperLab, PsychoPy, OpenSesame
<b>Other Tools</b>	SQL, L <sup>A</sup> T <sub>E</sub> X, Rmarkdown, Microsoft Office

## AWARDS AND HONORS

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Faculty Development Award (\$2,130)	<i>2019</i>
Research Travel Award (\$600)	<i>2015</i>
Research Travel Award (\$600)	<i>2014</i>
Research Award (\$600)	<i>2014</i>
Research Travel Award (\$600)	<i>2013</i>

## REFERENCES

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Please contact me for a list of references.