# rao.vimal@gmail.com RaoVNV.github.io

# Velliyoor Nott Vimal Rao

EDUCATION	
PhD Educational Psychology, University of Minnesota	Expected 2023
Quantitative Methods in Education, Statistics Education	Started 2018
Advisors: Robert delMas and Andrew Zieffler	
MA Educational Psychology, University of Minnesota Psychological Foundations of Education, Learning and Cognition Advisors: Jeffrey K. Bye and David DeLiema	Expected 2023 Started 2021
MS Statistics, George Washington University	2013
<b>BS</b> Mathematics and Economics, University of Illinois Pure Mathematics	2008
Positions	
Health Resources and Services Administration	
Division of Policy and Data, HIV/AIDS Bureau, Rockville, MD	
Chief (GS-1530-14), Data Management and Analysis Branch	2015 - 2016
Health Statistician (GS-1530-13), Data Management Branch	2014 - 2015
US Census Bureau	
Decennial Statistical Studies Division, Suitland, MD	
Mathematical Statistician (GS-1529-9/11/12), Quality Assurance Branch	2010 - 2014
National Processing Center, Jeffersonville, IN	
Mathematical Statistician (GS-1529-7/9/11), Statistical Methods Section	2009 – 2010
TEACHING EXPERIENCE	
University of Minnesota, Minneapolis, MN	
Instructor, Department of Educational Psychology	
EPSY 5261 – Introductory Statistical Methods (6 terms)	2019 - 2022
EPSY 3264 – Basic and Applied Statistics (2 terms)	2021 - 2022
Co-Instructor, Division of Biostatistics	
PUBH 6451 – Biostatistics II (Spring 2020)	
Teaching Assistant, Department of Educational Psychology	
EPSY 3264 – Basic and Applied Statistics (Spring 2021)	
EPSY 8264 – Advanced Multiple Regression Analysis (Fall 2020)	
EPSY 5261 – Introductory Statistical Methods (3 terms)	2019 - 2021

#### George Washington University, Washington, DC

Course Director, Department of Clinical Research and Leadership	
HSCI 2117 – Introduction to Statistics for the Health Sciences	2017 - 2020
HSCI 3117 – Principles of Biostatistics for the Health Sciences	2017 - 2021
Instructor, Department of Clinical Research and Leadership	
HSCI 2117 – Introduction to Statistics for the Health Sciences (27 terms)	2016 – present
HSCI 3117 – Principles of Biostatistics for the Health Sciences (2 terms)	2017 - 2022

Teaching Assistant, Department of Statistics

STAT 6210 – Data Analysis (Spring 2012)

STAT 3187 – Introduction to Sampling (Fall 2011)

STAT 2112 – Business Statistics II (Spring 2011)

#### **PUBLICATIONS**

- 3. Running, K., Codding, R.S., Varma, S., **Rao, V.N.V.**, & Wackerle-Hollman, A. (in press). Comparing the Effects of Concepts-First and Iterative Fraction Instruction Sequences: A Randomized Control Trial. *The Elementary School Journal*.
- 2. DeLiema, D., Hufnagle, A.S., **Rao, V.N.V.**, Baker, J., Valerie, J., & Kim, J. (in press). Methodological considerations and innovations at the intersection of video-based research traditions. *International Journal of Research and Method in Education*. <a href="https://doi.org/10.1080/1743727X.2021.2011196">https://doi.org/10.1080/1743727X.2021.2011196</a>
- 1. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2022). Categorical perception of p-values. *Topics in Cognitive Science*, 14(2), 414-425. <a href="https://doi.org/10.1111/tops.12589">https://doi.org/10.1111/tops.12589</a>

# PUBLICATIONS UNDER REVIEW (<sup>‡</sup>FORMER STUDENT)

- 2. Legacy, C., Zieffler, A., Rao, V.N.V., & delMas, R. (in preparation). Vampires and star-crossed lovers: Secondary teachers' reasoning about the connections between multivariate data and visualization. Statistics Education Research Journal
- 1. Simpson, M.<sup>‡</sup>, & **Rao, V.N.V.** (under review). Association between generational trauma and progressive dementia types. Minnesota Undergraduate Research & Academic Journal.

# PUBLICATIONS IN PREPARATION (FORMER STUDENT)

- 6. Chen, B., Bartucz, J., Scharber, C., **Rao, V.N.V.**, & DeLiema, D. (in preparation). *Towards a framework of justice-oriented data science education*.
- 5. Ancel, E.E.<sup>‡</sup>, Smith, M.L.<sup>‡</sup>, **Rao, V.N.V.**, & Munson, B. (in preparation). *Does F3-F2 Distance predict transcriptions of preschoolers' /r/ productions?*
- 4. Rao, V.N.V., Legacy, C., Zieffler, A., & delMas, R. (in preparation). Building notions of tidy data.

- 3. **Rao, V.N.V.**, Bye, J.K., & Varma, S (in preparation). *The psychological reality of the learned "p* < 0.05" barrier.
- 2. Marupudi, V., Harsch, R.M., **Rao, V.N.V.**, Park, J., Bye, J.K., & Varma, S. (in preparation). *The role of clustering in humans' Traveling Salesperson Problem solutions*.
- 1. **Rao, V.N.V.**, Riegelman, A., Hurtado, I. L., Lisinker, R., & delMas, R. (in preparation). *A review of research uses of the Comprehensive Assessment of Outcomes in Statistics*. Retrieved from osf.io/yf3zh.

#### CONFERENCE PROCEEDINGS

- 5. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (in press). Graduate students' effect size categorical boundaries. In S. Peters & L. Zapata (Eds.), *Proceedings of the 11<sup>th</sup> International Conference on Teaching Statistics* (pp. TBD).
- 4. Marupudi, V., Harsch, R.M., Park, J., Bye, J.K., **Rao, V.N.V.**, & Varma, S. (in press). Use of clustering in human solutions of the traveling salesperson problem. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society* (pp. 424-430).
- 3. **Rao, V.N.V.**, Legacy, C., Brown, J.M., Zieffler, A., & delMas, R. (2021). Data-to-graphs and back: Secondary teachers' reasoning about aesthetic mappings in data visualization. In R. Helenius & E. Falck (Eds.), *Statistics Education in the Era of Data Science: Proceedings of the Satellite Conference of the International Association for Statistical Education*. <a href="https://iase-web.org/Conference">https://iase-web.org/Conference</a> Proceedings.php.
- 2. Marupudi, V., Harsch, R.M., **Rao, V.N.V.**, Bye, J.K., Park, J., & Varma, S. (2021). The role of clustering in the efficient solution of small Traveling Salesperson Problems. In T. Fitch, C. Lamm, H. Leder, & K. Tessmar (Eds.), *Proceedings of the 43rd Annual Conference of the Cognitive Science Society* (pp. 1865-1871). https://escholarship.org/uc/item/5q76r06x.
- 1. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2021). Categorical perception of p-values. In T. Fitch, C. Lamm, H. Leder, & K. Tessmar (Eds.), *Proceedings of the 43rd Annual Conference of the Cognitive Science Society* (pp. 168-173). <a href="https://escholarship.org/uc/item/7hw3s1rs">https://escholarship.org/uc/item/7hw3s1rs</a>.

# CONFERENCE PRESENTATIONS (<sup>‡</sup>FORMER MENTEE)

- 12. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2022, September). *Graduate students' effect size categorical boundaries* [Paper Presentation]. The Eleventh International Conference on Teaching Statistics (ICOTS), Rosario, Argentina.
- 11. Marupudi, V., Harsch, R.M., Park, J., Bye, J.K., **Rao, V.N.V.**, & Varma, S. (2022, July). *Use of clustering in human solutions of the traveling salesperson problem* [Paper Presentation]. Annual Meeting of the Cognitive Science Society, Toronto, Canada.

- 10. **Rao, V.N.V.**, Bailey, N., Bartucz, J., & Chávez, C. (2022, May). *Social Justice is more than just using critical contexts: A panel on embedding social justice into curricula* [Breakout Session]. Electronic Conference on Teaching Statistics.
- 9. Legacy, C., Zieffler, A., delMas, R., & **Rao, V.N.V.** (2022, January). *Data to graphs and back: Secondary teachers' reasoning about the aesthetic mappings that link data and visualizations* [Paper Presentation]. 12<sup>th</sup> International Research Forum on Statistical Reasoning, Thinking, and Literacy (SRTL-12), online.
- 8. Torrey-White, K.‡, Gary, L., Bergson, A., Flynn, J., Driehorst, M., Siekman, R., Prekker, F., Slusher, T., Maynard, K., Paetox, G., **Rao, V.N.V.**, Hendrickx, L., & Bjorklund, A. (2021, November). A Quality Improvement Project Using Simulation to Improve Nursing Confidence and Skills and Promote Teamwork During High Acuity, Low Occurrence Clinical Events in the Pediatric Intensive Care Unit [Quick Shot Presentation]. Annual Meeting of the Pediatric Trauma Society, Baltimore, MD.
- 7. Society for the Teaching of Psychology's Presidential Task Force on Statistical Literacy, Reasoning, and Thinking\*. (2021, August). STP's Statistical Literacy, Reasoning, and Thinking Presidential Task Force's recommendations and resources for integrating psychological statistics across the undergraduate curriculum [Symposium]. Annual Meeting of the American Psychological Association, San Diego, California.

  \*16 scholars (chairs, followed by alphabetical order): Hartnett, J. (chair), Freeman, E. (co-chair), Neufeld, G. (co-chair), Aguilera, S.E., Geodert, K., Karazsia, B., Naufel, K., Peters, J., Rao, V.N.V., Reusser, A.Y., Sathy, V., Shaw, R., Soicher, R., Smith, T., Ullman, J., & Woodward, A.
- 6. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2021, July). *More than just a name: The psychological effects of 'Statistical Significance'* [Oral presentation]. The 36<sup>th</sup> Annual Psychology Postgraduate Affairs Group Conference, online.
- 5. The Link Tank\* (2021, July). *The promise of video-based research methods in psychology* [Oral presentation]. The 36<sup>th</sup> Annual Psychology Postgraduate Affairs Group Conference, online. \*6 scholars (alphabetical order): Baker, J., DeLiema, D., Hufnagle, A., Kim, J., **Rao, V.N.V.,** & Valerie, J.
- 4. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2021, July). *Categorical perception of p-values* [Paper presentation]. Annual Meeting of the Cognitive Science Society, Vienna, Austria.
- 3. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2021, April). *The psychological reality of the learned "p < 0.05" barrier* [Paper presentation]. Annual Meeting of the American Educational Research Association, virtual.
- 2. **Rao, V.N.V.** (2020, November). *A Null Hypothesis Story* [Lightning Talk]. Fifth Annual Learning Sciences Graduate Student Conference, Madison, Wisconsin.
- 1. **Rao, V.N.V.** (2019, September). *Towards a framework for context selection in statistics instruction* [Oral presentation]. Fourth Annual Learning Sciences Graduate Student Conference, Evanston, Illinois.

- 25. **Rao, V.N.V.,** Bye, J.K., & Varma, S. (2022, August). *Categorical boundaries in graduate students' judgment of effect sizes* [Poster Presentation]. Annual Meeting of the American Psychological Association, Minneapolis, Minnesota.
- 24. Marupudi, V., Harsch, R. M., Park, J., **Rao, V. N. V.**, Bye, J. K. & Varma, S. (2022, June). *Human use of clustering to solve traveling salesperson problems* [Poster Presentation]. Annual Conference of the Mathematical Cognition and Learning Society, Antwerp, Belgium.
- 23. Rao, V.N.V., Bye, J.K., & Varma, S. (2022, May). Graduate students in the psychological sciences perceive at categorical boundary when processing p-values across the .05 boundary [Poster Presentation]. Annual Meeting of the American Psychological Society, Chicago, Illinois.
- 22. Simpson, M.<sup>‡</sup>, & **Rao, V.N.V.** (2022, April). *Association between Generational Trauma and Progressive Dementia Types* [Poster Presentation]. University of Minnesota Center for Cognitive Sciences Spring Research Day, Minnesota.
- 21. **Rao, V.N.V.,** Bye, J.K., & Varma, S. (2022, April). *Graduate students in the psychological sciences perceive at categorical boundary when processing p-values across the .05 boundary* [Poster Presentation]. University of Minnesota Center for Cognitive Sciences Spring Research Day, Minnesota.
- 20. Ancel, E.E.<sup>‡</sup>, Smith, M.L.<sup>‡</sup>, **Rao, V.N.V.**, & Munson, B. (2022, April). *Does F3-F2 Distance predict transcriptions of preschoolers' /r/ productions?* [Poster Presentation]. University of Minnesota Center for Cognitive Sciences Spring Research Day, Minnesota.
- 19. **Rao, V.N.V.,** Bye, J.K., & Varma, S. (2022, February). *Graduate students' effect size category boundaries* [Poster Presentation]. University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minnesota.
- 18. **Rao, V.N.V.** (2022, February). *The logic of statistical tests: A historical analysis* [Poster Presentation]. University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota.
- 17. Ancel, E.E.<sup>‡</sup>, Smith, M.L.<sup>‡</sup>, **Rao**, **V.N.V.**, & Munson, B. (2021, November). *Does F3-F2 Distance predict transcriptions of preschoolers' /r/ productions?* [Poster Presentation]. 181<sup>st</sup> Meeting of the Acoustical Society of America, Seattle, Washington. <a href="https://doi.org/10.1121/10.0007949">https://doi.org/10.1121/10.0007949</a>
- 16. **Rao, V.N.V.**, Legacy, C., Brown, J.M., Zieffler, A., & delMas, R. (2021, August). *Data-to-graphs and back: Secondary teachers' reasoning about aesthetic mappings in data visualization* [Poster presentation]. 12<sup>th</sup> Annual Satellite Conference of the International Association for Statistical Education, online. https://iase-web.org/conference/satellite21/
- 15. The Link Tank\*. (2021, August). *Teaching statistics students psychology: Using podcasts to integrate context and content* [Poster presentation]. Annual Meeting of the American Psychological Association, San Diego, California.
  - \*4 scholars (alphabetical order): Koenen, R., Rao, V.N.V., Rubin, N., & Sullivan, M.

- 14. McNamara, A., Beckman, M., Legacy, C., Zieffler, A., delMas, R.C., & Rao, V.N.V. (2021, August). *Integrating computation in statistics: Instructional decisions for Teaching R* [Speed presentation]. Joint Statistical Meetings, Seattle, Washington.
- 13. Marupudi, V., Harsch, R.M., **Rao, V.N.V.**, Bye, J.K., Park, J., & Varma, S. (2021, July). *The role of clustering in the efficient solution of small Traveling Salesperson Problems* [Poster presentation]. Annual Meeting of the Cognitive Science Society, Vienna, Austria.
- 12. **Rao, V.N.V.**, Legacy, C.A., & Zieffler, A.S. (2021, June). *Students' perspectives on entering a data science career after experiential learning with local community organizations* [Poster presentation]. United States Conference on Teaching Statistics, online.
- 11. McNamara, A., Zieffler, A., Beckman, M., Legacy, C., Basner, E.B., delMas, R., & **Rao, V.N.V**. (2021, June). Computing in the statistics curriulum: Lessons learned from the educational sciences [Poster presentation]. United States Conference on Teaching Statistics, online.
- 10. Running, K., Codding, R.S., **Rao, V.N.V.**, Goodridge, A., Kromminga, K.R., Will, K., Sullivan, M., & Varma, S. (2021, February). *Determining effective fraction instruction sequences* [Poster presentation]. Annual Meeting of the National Association of School Psychologists, Salt Lake City, Utah.
- 9. **Rao, V.N.V.**, Running, K., & Codding, R.S. (2021, February). *Choosing a statistical model amidst ceiling and floor effects* [Poster presentation]. Annual Meeting of the National Association of School Psychologists, Salt Lake City, Utah.
- 8. **Rao, V.N.V.** (2020, September). *Investigating multidimensionality in the Comprehensive Assessment of Outcomes in Statistics* [Poster presentation]. Annual Meeting of the National Council of Measurement in Education, San Francisco, California.
- 7. Marupudi, V., **Rao, V.N.V.**, Park, J., Harsch, R., Bye, J.K., & Varma, S. (2020, July). *Clustering as a precursor to efficient and near-optimal solution of small instances of the Traveling Salesperson Problem (TSP)* [Poster presentation]. Annual Meeting of the Cognitive Science Society, Toronto, Canada.
- 6. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2020, June). *Mental representation of p-values: Does a categorical perception effect exist?* [Poster presentation]. University of Minnesota Center for Cognitive Sciences Spring Research Day, Minneapolis, Minnesota.
- 5. Marupudi, V., **Rao, V.N.V.**, Park, J., Harsch, R., Bye, J.K., & Varma, S. (2020, June). *Clustering as a core mathematical ability for solving graph-theoretic problems such as the Traveling Salesperson Problem (TSP)* [Poster presentation]. Annual Conference of the Mathematical Cognition and Learning Society, Dublin, Ireland. (conference cancelled)
- 4. **Rao, V.N.V.** & Chávez, C. (2020, February). *On the Utilization of the Comprehensive Assessment of Outcomes in Statistics* [Poster presentation]. University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota.

- 3. Marupudi, V., **Rao, V.N.V.**, Park, J., Harsch, R., Bye, J.K., & Varma, S. (2020, February). *The consistency of human clustering* [Poster presentation]. University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota.
- 2. The Link Tank\*. (2020, February). A cognitive behavioural therapy lesson design for statistics anxiety [Poster presentation]. University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota.

  \*5 scholars (alphabetical order): Baker, J., DeLiema, D, Loiselle, T., Rao, V.N.V., & Yang, W.
- 1. **Rao, V.N.V.** (2019, May). *Utilizing distributed practice assignments to develop students' statistical literacy in an online class* [Poster presentation]. United States Conference on Teaching Statistics, State College, Pennsylvania.

### INVITED TALKS, WORKSHOPS, AND PANELS

- 8. **Rao, V.N.V.** & Carpenter, Z. (2022, October). *Openness and Uncertainty: A forum on the psychology of science* [Forum proposed]. Seventh Annual Learning Sciences Graduate Student Conference, Bloomington, Indiana.
- 7. **Rao, V.N.V.** (2022, September). *The Psychology of Statistics* [Invited Talk]. Stochastic Modeling and Computational Statistics, Pennsylvania State University, State College, Pennsylvania. Sponsored by Dr. Matthew Beckman and Dr. Stephen Berg.
- 6. **Rao, V.N.V.** (2022, September). *Graduate Students' Thinking in Statistical Tests: Implications for Practice and Pedagogy* [Invited Talk]. Department of Psychology, Gannon University, Erie, Pennsylvania. Sponsored by Dr. Jessica Hartnett.
- 5. **Rao, V.N.V.** (2022, August). *Using Drawings to Facilitate Statistical Modelling and Testing* [Skill Building Session]. Annual Meeting of the American Psychological Association, Minneapolis, Minnesota. (session cancelled)
- 4. **Rao, V.N.V.** (2022, May). *Thinking about thinking: A preliminary analysis of the use of eye tracking in the study of statistical thinking* [Invited Talk]. Teaching and Learning Lab, University of California Los Angeles, Los Angeles, California. Sponsored by Dr. Jim Stigler.
- 3. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2021, October). *Statistical Significance and the Categorization of p-values* [Invited Talk]. Percepts and Concepts Lab, Indiana University, Bloomington, Indiana. Sponsored by Dr. Robert Goldstone.
- 2. **Rao, V.N.V.**, Bye, J.K., & Varma, S. (2021, October). *Statistical Significance and the Categorization of p-values* [Invited Talk]. Psychological Foundations of Education Research Talks, University of Minnesota, Minnesota, Minnesota. Sponsored by Dr. Martin Van Boekel.
- 1. **Rao, V.N.V.** (2021, June). *Simulation-based Inference with R for ANOVA Design Experiments* [Workshop]. Psychology Postgraduate Affairs Group Data Simulation Summer School, online.

#### OTHER PUBLICATIONS AND MANUSCRIPTS

- 6. **Rao, V.N.V.** (2022). *Graduate students' thinking in statistical tests: A multi-modal multiple descriptive case study.* Unpublished dissertation prospectus, University of Minnesota, Minneapolis.
- 5. Neufeld, G., Estrada Aguilera, S., Goedert, K., Peters, J., **Rao, V.N.V.**, Sathy, V., Smith, T., & Hartnett, J. (2022). *Statistical Literacy, Reasoning, and Thinking: Guidelines* 2.0 *Presidential Task Force Subcommittee on Introductory Psychology Statistical Literacy*. Society for the Teaching of Psychology. <a href="http://teachpsych.org/page-1863179">http://teachpsych.org/page-1863179</a>
- 4. **Rao, V.N.V.** (2021, April). From happy hour to co-author: How I found an academic home. *SPARK*. Available at sparkezine.com.
- 3. **Rao, V.N.V.** (2021). Students' understanding and reasoning of simulation-based significance testing. Unpublished preliminary oral exam paper, University of Minnesota, Minneapolis.
- 2. **Rao, V.N.V.** (2020). *Interpretations and uses of the Comprehensive Assessment of Outcomes in Statistics*. <u>Unpublished preliminary written exam paper</u>, University of Minnesota, Minneapolis.
- 1. **Rao, V.N.V.** (2019). *Investigating multidimensionality in student responses to the Comprehensive Assessment of Outcomes in Statistics*. <u>Unpublished pre-dissertation paper</u>, University of Minnesota, Minneapolis.

#### HONORS AND AWARDS

Quantitative Methods in Education Graduate Student Teaching Award (\$100)	<u>2022</u>
UMN Thank-a-Teacher Program, recipient of 12 letters	2020 - 2022
Best Presentation, 36th Annual PsyPAG Conference	2021
Disciplinary Diversity & Integration Award in Cognitive Science (\$1000)	<u>2021</u>
Quantitative Methods in Education Graduate Student Leadership Award (\$100)	<u>2019</u>
CEHD Graduate Student Fellowship (\$25000)	<u>2018</u>
Russell W Burris Memorial Fellowship in Educational Psychology (\$5000)	<u>2018</u>
Outstanding Group Performance in Data Dissemination, HRSA	2015
Outstanding Group Performance in Communications Innovations, HRSA	2015
Data Request Process Improvement, HRSA (\$1000)	2015
Customer Service Process Improvement, HRSA (\$1000)	2014
Excellence in Quantitative Analysis, HRSA (\$1000)	2014
Excellence in Innovative Analyses, US Census Bureau (\$1000)	2011
Data Quality Process Improvement, US Census Bureau (\$500)	2010
Census 2010 Operations Management, US Census Bureau (\$500)	2010

#### OTHER RESEARCH EXPERIENCE

# University of Minnesota, Minneapolis, MN Research Assistant, Department of Curriculum and Instruction DataX (NSF #2101413) Research Assistant, Department of Educational Psychology The Data Science WAV (NSF #1923700) 2020

## SERVICE TO THE FIELD

Decembers of Statistics Education (DoSE) deputy director	2022 procent
Researchers of Statistics Education (RoSE), deputy director	2022 – present
Journal of Statistics and Data Science Education, reviewer	2021 – present
Statistics Education Research Journal, reviewer	2021 – present
Technology Innovations in Statistics Education, reviewer	2021 - present
Statistics Education – Engagement and Development for Students, founder	2021 – present
American Educational Research Association, annual conference reviewer	<u>2021</u>
Society for the Teaching of Psychology, Presidential Task Force on Statistical	<u>2021</u>
Literacy, Reasoning, and Thinking, task force member	
AP Statistics Exam, reader	2020
CAUSE Undergraduate Statistics PROject Competition, judge	<u>2020</u> – present
Washington Statistical Society, poster competition judge	<u>2014</u>
American Society for Testing and Materials, subcommittee E11.10 & E11.30	2011 - 2013

### **SERVICE TO THE COMMUNITY**

The Link Tank (UMN), founder	<u>2019 – present</u>
Council of Graduate Students (COGS) Community Building Grant (\$300)	2022
Council of Graduate Students (COGS) Community Building Grant (\$120)	2020
QME Brown Bag, founder	2018 - 2021
Council of Graduate Students, Educational Psychology student representative	2018 - 2019
Pi Mu Epsilon Illinois Alpha Chapter, chapter president	2007 - 2008
Pi Mu Epsilon Illinois Alpha Chapter, chapter vice president	2006 - 2007