

**VITA**  
**BRIAN LEVENTHAL**  
leventbc@jmu.edu  
540-568-5004

**ADDRESS**

298 Port Republic Road, MSC 6806, Harrisonburg, VA 22807

**EDUCATION**

Ph.D. (Major: Research Methodology, Measurement, and Statistics), School of Education, University of Pittsburgh, 2017.

M.A. (Applied Statistics), School of Arts and Sciences, University of Pittsburgh, 2013.

B.S. (Major: Mathematics, Minors: Economics, Statistics, Computational Science), Clarkson University, 2011.

**CERTIFICATIONS**

SAS Certified Specialist: Base Programming Using SAS 9.4, SAS Global Certification Program, 2021

**EMPLOYMENT HISTORY**

2022 – Present Director. Assessment and Measurement Ph.D. Program. James Madison University, Harrisonburg, VA.

2018 – Present Coordinator. Psychological Sciences: Concentration in Quantitative Psychology Master's Program. James Madison University, Harrisonburg, VA.

2017 – Present Associate Professor. Department of Graduate Psychology. James Madison University, Harrisonburg, VA.

2017 – 2022 Assistant Assessment Specialist. Center for Assessment and Research Studies (CARS). James Madison University, Harrisonburg, VA.

2014 – 2017 Instructor. Department of Psychology in Education, University of Pittsburgh, Pittsburgh, PA.

2012 – 2017 Instructor. Department of Statistics, University of Pittsburgh, Pittsburgh, PA.

2016 Intern. National Board of Medical Examiners, Philadelphia, PA.

2015 Intern. American Institute of Certified Public Accountants, Ewing, NJ.

2013 – 2015 Instructor. Heinz College - JSI PPIA, Carnegie Mellon University, Pittsburgh, PA.

2013 – 2014 Graduate Student Assistant, Department of Psychology in Education, University of Pittsburgh, Pittsburgh, PA.

2011 - 2012 Teaching Assistant, Department of Statistics, University of Pittsburgh, Pittsburgh, PA.

2009 – 2011 Teaching Assistant, Department of Mathematics, Clarkson University, Potsdam, NY.

2009 – 2011 Integrated Math and Physics for Entry to Undergraduate STEM (IMPETUS) Fellow,  
Clarkson University, Potsdam, NY.

## TEACHING EXPERIENCE

### Graduate

Bayesian Statistics, Assessment and Measurement PhD Program,  
James Madison University  
Classical Test Theory & Generalizability Theory, Assessment and Measurement PhD Program,  
James Madison University  
Statistical/Measurement Consultation, Assessment and Measurement PhD Program,  
James Madison University  
Intermediate Inferential Statistics, Psychological Sciences Master's Program,  
James Madison University  
Introductory Statistics, Research Methodology PhD Program,  
University of Pittsburgh  
Introduction to Research Methods, Research Methodology PhD Program,  
University of Pittsburgh

### Undergraduate

Introductory Statistics, Department of Statistics, University of Pittsburgh  
Applied Statistics for Public Policy, Carnegie Mellon University  
Statistics for Economics and Management, Department of Statistics, University of Pittsburgh,

## PUBLICATIONS (\* indicates student)

Leventhal, B. C. & Zigler, C. (*in press*). A tree-based approach to identifying response styles with anchoring vignettes. *Measurement: Interdisciplinary Research and Perspectives*.

\*Shapovalov, Y. A. & Leventhal, B. C. (2023). Investigation of the alignment of general education and academic degree program learning. *Research and Practice in Assessment, 18*(1), 33-49.

Ames, A.J. & Leventhal, B. C. (2023). Application of a longitudinal IRTree model: Response style changes over time. *Assessment, 30*(2), 332-347. doi: 10.1177/10731911211042932

Ames, A. J. & Leventhal, B. C. (2022). Modeling changes in response style with longitudinal IRTree models. *Multivariate Behavioral Research, 57*(5), 859-878. doi: 10.1080/00273171.2021.1920361

Leventhal, B. C., \*Gregg, N., & Ames, A. J. (2022). Accounting for response styles: Leveraging the benefits of combining response process data collection and response process analysis methods. *Measurement: Interdisciplinary Research and Perspectives, 20* (3), 151-174. doi: 10.1080/15366367.2021.1953315

Horst, S. J., Leventhal, B. C., Clarke, K. E., & Hazard, G. A. (2021). Bringing together two ends of the spectrum. *Assessment Update, 33* (5), 4-5.

Leventhal, B. C. & \*Thompson, K. N. (2021). Surveying the measurement profession to assist recruiting in the United States. *Educational Measurement: Issues and Practice, 40*(3), 83-95. doi: 10.1111/emip.12431

Leventhal, B. C., Schubert, L., & Trybus, M. (2021). The SELAP continuum: How to assess student employee learning and job performance. *Assessment Update, 33*(3), 4 – 15 doi: 10.1002/au.30254

- \*Spratto, E., Leventhal, B. C., & Bandalos, D. (2021). Seeing the forest and the trees: Comparison of two IRTree models to investigate the impact of full vs. endpoint-only response option labeling. *Educational and Psychological Measurement*, 81(1), 39-60. doi: 10.1177/0013164420918655
- \*Myers, A. J., Ames, A. J., Leventhal, B. C., & \*Holzman, M. A. (2020). Validating rubric scoring processes: An application of an item response tree model. *Applied Measurement in Education*, 33(4), 293-308. doi: 10.1080/08957347.2020.1789143
- Ames, A. J., Leventhal, B.C., & \*Ezike, N. C. (2020). Monte Carlo simulation in item response theory applications using SAS. *Measurement: Interdisciplinary Research and Perspectives*, 18(2), 55-74. doi: 10.1080/15366367.2019.1689762
- Leventhal, B. C. & Grabovsky, I. (2020). Adding objectivity to Standard Setting: Evaluating consequence using the conscious and subconscious weight methods. *Educational Measurement: Issues and Practice*, 39(1), 30-36. doi: 10.1111/emip.12316
- Fulcher, K. H. & Leventhal, B. C. (2020). James Madison University: Assessing and planning during a pandemic. *Assessment Update*, 32(6), 4-5.
- Leventhal, B.C. (2019). Extreme response style: A simulation study comparison of three multidimensional item response models. *Applied Psychological Measurement*. 43(4), 322-335.
- Leventhal, B.C., & Stone, C.A. (2018). Bayesian analysis of multidimensional item response theory models: A discussion and illustration of three response style models. *Measurement: Interdisciplinary Research and Perspectives*, 16(2), 114-128.
- Stone, C. & Leventhal, B. (2017). Accounting for multidimensionality in item responses in patient-centered and patient reported outcomes measurement. *International Journal of Person-Centered Measurement*, 6(4), 274-288.
- Lane, S. & Leventhal, B. (2015). Psychometric challenges in assessing English language learners and students with disabilities. *Review of Educational Research*, 29(1), 165-214.
- Leventhal, B., Fu, X., Fowler, K. & Eslinger, O. (2015). Parameter identification and sensitivity analysis to a thermal diffusivity inverse problem. *Involve: A Journal of Mathematics*, 8(3), 385 – 400.
- Dziak, C., Leventhal, B., Luttman, A. & Skufca, J. (2014). Vertically integrating professional skills throughout a mathematics major. *PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies*, 24(4), 301-308.

**OTHER PUBLISHED WORK (\* indicates student)**

- Leventhal, B.C. & \*Gregg, N. (in press). Reliability and measurement error. In *The Routledge Encyclopedia of Education*.
- Leventhal, B. C. (2023). ITEMS corner update: The initial steps in the ITEMS development process. *Educational Measurement: Issues and Practice*, 42 (2), 74.
- Leventhal, B. C. (2023). ITEMS corner update: The new ITEMS module development process. *Educational Measurement: Issues and Practice*, 42 (1), 110-111. doi: 10.1111/emip.12545

- Leventhal, B. C., Ames, A. J., & \*Thompson, K. N. (2023). Simulation studies for psychometrics. In R. J. Tierney, F. Rizvi, & K. Erkican (Eds.), *International Encyclopedia of Education (Fourth Edition)* (pp. 341–346). Elsevier. doi: 10.1016/B978-0-12-818630-5.10043-0
- Leventhal, B. C. (2022). ITEMS corner update: High traffic to the ITEMS portal on the NCME website. *Educational Measurement: Issues and Practice*, 41(4), 79-80. doi: 10.1111/emip.12532
- Leventhal, B. C. (2022). ITEMS corner update: Announcing two significant changes to ITEMS. *Educational Measurement: Issues and Practice*, 41(3), 83-84. doi: 10.1111/emip.12524
- Leventhal, B.C., (2022). ITEMS corner: Educating the educational measurement community. *Educational Measurement: Issues and Practice*, 41(1), 93-94. doi: 10.1111/emip.12501
- \*Gregg, N. & Leventhal, B. C. (2020). Data visualizations: effective evidence-based practices [Digital ITEMS Module 17]. *Educational Measurement: Issues and Practice*, 39(3), 239-240. doi: 10.1111/emip.12387
- Leventhal, B. C., & Ames, A. J. (2020). Monte Carlo simulation studies in IRT [Digital ITEMS Module 13]. *Educational Measurement: Issues and Practice*, 39(2), 109-110. doi:10.1111/emip.12342
- Leventhal, B. C. (2018). Introduction to SPSS using Simulation via t tests, regression, and ANOVA. James Madison University. *Assignment Library*. National Institute for Learning Outcomes Assessment.
- Leventhal, B. C., Horst, S. J., \*Sauder, D. C., & Ford, K. (2018). Can a three-day intensive statistics boot camp increase graduate students' core knowledge and self-efficacy? In M. A. Sorto, A. White, & L. Guyot (Eds.), *Looking back, looking forward. Proceedings of the Tenth International Conference on Teaching Statistics (ICOTS10, July, 2018)*, Kyoto, Japan. Voorburg, The Netherlands: International Statistical Institute. Retrieved from [https://iase-web.org/icots/10/proceedings/pdfs/ICOTS10\\_C302.pdf](https://iase-web.org/icots/10/proceedings/pdfs/ICOTS10_C302.pdf)
- Lowenstein, K., Leventhal, B., Drouin, K., Dowman, R., Fowler, K. & Mondal, S. (2011). Simulation and model calibration with sensitivity analysis for threat detection in the brain. *International Journal of Simulation and Process Modelling*, Proceedings of The 23<sup>rd</sup> European Modeling & Simulation Symposium, Rome, Italy.

## POPULAR PRESS

- Leventhal, B.C., Keng, L., & Domingue, B. (2022). NCME annual conference program committee update. *NCME Newsletter*, Spring 2022. Retrieved from <https://www.ncme.org/news/newsletter>.
- Leventhal, B. C. (2021). NCME annual conference program committee update. *NCME Newsletter*, Fall 2021. Retrieved from <https://www.ncme.org/news/newsletter>.
- Leventhal, B. C. (2020). Website committee update (Fall 2020): Making the most of the NCME website in a virtual world. *NCME Newsletter*, 28(3). Retrieved from <https://www.ncme.org/news/newsletter>.
- Leventhal, B. C. (2020). *Navigating Through Change: An interview*. <https://www.holisticadmissions.org/navigating-through-change/>
- Leventhal, B. C. & Boykin, A. A. (2020). An Update from the Educators of Measurement SIGIMIE. *NCME Newsletter*, 28(2), 3. Retrieved from <https://www.ncme.org/news/newsletter>.

Leventhal, B. & Gaertner, M. (2018). Website Committee Update. *NCME Newsletter*, 26 (3), 11. Retried from <https://www.ncme.org/news/newsletter>.

### CONFERENCE PRESENTATIONS (\* indicates student)

\*LeRoy, S. K. & Leventhal, B. C. (2023, May 27). *Using IRTrees to evaluate response style effects between different item formats*. Poster presented at the Annual Convention of the Association for Psychological Sciences (APS), Washington, D. C.

Leventhal, B. C. (2023, April 14). *ITEMS: The benefits of two major changes for learners and authors*. Demonstration presented at the 2023 Annual Meeting of the National Council on Measurement in Education (NCME), Chicago, IL.

\*Thompson, K. N. & Leventhal, B. C. (2023, April 13). *A novel examination of the validity of none of the above*. Poster presented at the 2023 Annual Meeting of the National Council on Measurement in Education (NCME), Chicago, IL.

\*Schaefer, K.E. & Leventhal, B. C. (2023, April 13). *Addressing test-taking disengagement across multiple domains simultaneously using an IRTree model*. Poster presented at the 2023 Annual Meeting of the National Council on Measurement in Education (NCME), Chicago, IL.

\*Mireles, N. E., & Leventhal, B. C. (2022, November). *Applying process data to assessment methodology: Using response time thresholds to detect non-solution behavior in general education assessment*. Poster presented at the Virginia Assessment Group Annual Conference, Richmond, VA.

Hornsby, T., Leventhal, B. C., Snyder, S., & Huber, H. (2022, August). *Words college: School psychology and BCBA graduate students' training gin collaborative practices*. Poster at the Annual Convention of the American Psychological Association (APA), Minneapolis, MN.

\*LeRoy, S., Leventhal, B. C., Boykin, A. A., & Bandalos, D. (2022, May). *Examining response styles using funnel items*. Poster presented at the Annual Convention of the Association for Psychological Sciences, Chicago, IL.

Leventhal, B. C., Pastor, D. A., & \*Satkus, P. (2022, April). *An illustration of the solution behavior IRTree Model*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Diego, CA.

Ames A. J., Leventhal, B. C., \*Ezike, N., & \*Thompson, K. N. (2022, April). *Bayesian Monte Carlo simulation studies: practice and implications*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Diego, CA.

Finney, S. & Leventhal, B. C. (2022, April). *Creating and implementing a year-long seminar on equity-centered assessment: lessons learned*. Presentation at the Annual Meeting of the National Council on Measurement in Education (NCME), San Diego, CA.

Leventhal, B. C. & \*Thompson, K. N. (2022, April). *Recruiting to the measurement profession by employing an undergraduate internship*. Presentation at the Annual Meeting of the National Council on Measurement in Education (NCME), San Diego, CA.

- Leventhal, B. C. (2022, February). *Shifting an in-person university milestone requirement during the pandemic*. Poster presented at the annual AAC&U Conference on General Education, Pedagogy, and Assessment, San Diego, CA.
- Snyder, S., Huber, H., Hornsby, T., & Leventhal, B. (2022, January). *Building BCBAs' aptitude for interdisciplinary collaboration in schools*. Presentation at 23rd Annual International Conference for the Council for Exceptional Children Division on Autism and Developmental Disabilities. Clearwater, FL.
- \*Lewis, J. & Leventhal, B. C. (2021, November 18). *Measured learning: Growth of information literacy knowledge during COVID-19*. Poster presented at the Virginia Assessment Group Annual Meeting, Virtual.
- \*Trinh, A., \*Thompson, K., Leventhal, B. C. (2021, November 18). *Determining the effects of COVID-19 on the structure of the critical thinking dispositional scales through confirmatory factor analysis*. Poster presented at the Virginia Assessment Group Annual Meeting, Virtual.
- \*Herr, R. K. & Leventhal, B. C. (2021, October). *Investigating longitudinal growth of students' information literacy skills*. Presentation at the 2021 Assessment Institute. Virtual Presentation.
- \*Shapovalov, Y.A., Leventhal, B. C., & \*Blanco-Murakoshi, D. (2021, October). *An assessment story: The common liberal arts experience, debunking a misconception*. Presentation at the 2021 Assessment Institute. Virtual Presentation.
- \*Thompson, K.N. & Leventhal, B. C. (2021, October 14). *The power of historical data in Bayesian item response theory*. Paper presented at the Annual Meeting of the Northeastern Educational Research Association (NERA). Virtual Presentation
- Huber, H., Snyder, S., Hornsby, T., & Leventhal, B. (2021, July). *Playing nicely together: an investigation of BCBA and school psychologist collaboration to support challenging behavior in schools*. Presentation at the 5th Annual Women in Behavior Analysis Conference. Virtual Presentation.
- Ames, A. J., Leventhal, B. C., \*Ezike, N., & \*Thompson, K. (2021, July 19). *Simulation studies in psychometrics: State of the practice*. Paper presented at the International Meeting of the Psychometric Society (IMPS), Virtual Presentation.
- Leventhal, B. C. & Zigler, C. K. (2021, June 11). A tree-based approach to identifying response styles with anchoring vignettes. In B. C. Leventhal (Chair), *IRTtree models: The illus-tree-ous and in-tree-guing response process models*. [Symposium]. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- \*Gregg, N. & Leventhal, B. C. (2021, June 11). An IRTree method to investigating stability of extreme and midpoint response style. In B. C. Leventhal (Chair), *IRTtree models: The illus-tree-ous and in-tree-guing response process models*. [Symposium]. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- Ames Boykin, A. & Leventhal, B.C. (2021, June 11). *Modeling changes in response style with longitudinal IRTree models*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.

- \*Gregg, N. & Leventhal, B.C. (2021, June 10). *Consequences of assuming: Effects on bias and efficiency of IRTree trait estimates*. Poster presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- \*Ezike, N., Ames Boykin, A., Leventhal, B.C. (2021, June 11). *Bayesian item response theory model selection: Conditional and marginal likelihoods*. Poster presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- Snyder, S., Huber, H., Hornsby, T., & Leventhal, B. C. (2021, April). *Playing nicely in the sandbox: BCBA's collaborating with school psychologists*. Poster presentation at the 17th Annual Conference and Business Meeting for the Virginia Association for Behavior Analysis. Virtual Presentation.
- Hornsby, T., Snyder, S., Huber, H., & Leventhal, B. C. (2021, February). *School psychologists and BCBA's working together to solve complex problems*. Presentation at the Annual Convention of the National Association of School Psychologists, Virtual Presentation.
- \*Thompson, K. N. & Leventhal, B. C. (2020, September). *The impact of undesirable distractors on estimates of ability*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- \*Ezike, N., Ames, A. J., & Leventhal, B. C. (2020, September). *Evaluation of the SAS IRT procedure: Parameter recovery and item fit*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- Leventhal, B. C. & \*Thompson, K. N (2020, June 23). *The current state of educational measurement and what we've learned*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Presentation.
- \*Gregg, N. & Leventhal, B. C. (2020, April). *An IRTree method to investigating stability of extreme and midpoint response style*. Paper accepted to be presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Francisco, CA. (Conference Cancelled)
- Leventhal, B. C. & Zigler, C. (2020, April). *A tree-based approach to identifying response styles with anchoring vignettes*. Paper accepted to be presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Francisco, CA. (Conference Cancelled)
- Leventhal, B. C. (2020, April). *The effects of a common cut score on misclassifying examinees*. Paper accepted to be presented at the Annual Meeting of the American Educational Research Association (AERA), San Francisco, CA. <http://tinyurl.com/t5sb832>. (Conference Cancelled)
- Hazard, G., Clarke, K., & Leventhal, B. C. (2019, November 14). *Students' value of general education: What perception data tells us about our students*. Paper presented at the Virginia Assessment Group Annual Meeting, Richmond, VA.
- Carrier, H. S., Clarke, K., Leventhal, B. C., & Vess, D. (2019, November 14). *The efficacy of tutorial-test model for first-year information literacy skills competency development*. Paper presented at the Virginia Assessment Group Annual Meeting, Richmond, VA.

- \*Pedrick, B. & Leventhal, B. C. (2019, November 13). *The use of generalizability theory to determine measurement error on an ethical reasoning performance assessment*. Poster presented at the Virginia Assessment Group Annual Meeting, Richmond, VA.
- \*Holmes, P. & Leventhal, B. C. (2019, November 13). *Thinking critically about critical thinking: What predicts students' critical thinking ability?* Poster presented at the Virginia Assessment Group Annual Meeting, Richmond, VA.
- Leventhal, B. C., Schubert, L., & Trybus, M. (2019, October). *Beyond buy-in: Inspiring faculty participation in assessment*. Paper presented at the 2019 Assessment Institute in Indianapolis, Indianapolis, IN.
- Hathcoat, J. D., \*Blanco Murakoshi, D., Leventhal, B.C., \*Shapovalov, Y. (2019, October). *Using item-level statistics to improve assessment instruments*. Paper presented at the 2019 Assessment Institute in Indianapolis, Indianapolis, IN.
- \*Thompson, K. N. & Leventhal, B. C. (2019, October). *Interpreting distractor function: The paradigm does matter*. Paper presented at the Annual Meeting of the Northeastern Educational Research Association (NERA), Trumbull, CT.
- \*Gregg, N. & Leventhal, B. C. (2019, October). *Evidence of a two-stage response process from adaptive Likert items*. Paper presented at the Annual Meeting of the Northeastern Educational Research Association (NERA), Trumbull, CT.
- Spratto, E. M., Bandalos, D. L., & Leventhal, B. C. (2019, October). *Seeing the forest and the trees: Applying IRTree models to noncognitive data*. Paper presented at the Annual Meeting of the Northeastern Educational Research Association (NERA), Trumbull, CT.
- Zigler, C. K., McFatrigh, M., Lucas, N., & Leventhal, B.C. (2019, October). *A novel IRTree Model for identifying extreme response styles using anchoring vignettes*. Poster presented at the International Society for Quality of Life Research Annual Conference, San Diego, CA.
- Clarke, K. & Leventhal, B. C. (2019, September). *Effectively communicating general education learning outcomes to multiple stakeholders*. Paper presented at the Association of General and Liberal Studies (AGLS) Constitute, Orlando, FL.
- Ames, A. J., Leventhal, B. C., & \*Myers, A. J. (2019, July). *Modeling changes in response style with longitudinal IRTree models*. Paper presented at the International Meeting of the Psychometric Society (IMPS), Santiago, Chile.
- \*Gregg, N. & Leventhal, B. C. (2019, July). *An IRTree approach investigating the construct dependency of response styles*. Poster presented at the International Meeting of the Psychometric Society (IMPS), Santiago, Chile.
- Horst, S. J. & Leventhal, B. C. (2019, June). *Asking questions: A guide of how to use assessment to connect faculty with administration interests*. Paper presented at the Association for the Assessment of Learning in Higher Education (AALHE) Annual Assessment Conference, St. Paul, MN.



- Leventhal, B. C., Schubert, L., & Trybus, M. (2019, June). *Disaggregating the assessment of learning from job performance*. Paper presented at the Association for the Assessment of Learning in Higher Education (AALHE) Annual Assessment Conference, St. Paul, MN.
- \*Blanco Murakoshi, D., \*Shapovalov, Y., Hathcoat, J. D., & Leventhal, B. C. (2019, May). *Item analysis in criterion-referenced testing: A study of differences in pre, post, and pre-post judgements*. Poster presented at the Association for Psychological Science (APS) Annual Convention, Washington, D.C.
- \*Craig, B. G., \*Thompson, K. N., Leventhal, B. C., & Horst, S. J. (2019, May). *Mindset and motivation: Attitudinal predictors of first-year oral communication competence*. Poster presented at the Association for Psychological Sciences (APS) Annual Convention, Washington, D.C.
- \*Perkins, B. A., Horst, S. J., Leventhal, B. C., & \*Zapparrata, N. M. (2019, May). *Evaluating the impact of a statistics refresher course on statistics knowledge, statistics self-efficacy, and statistics anxiety*. Poster presented at the United States Conference on Teaching Statistics, State College, PA.
- \*Gregg, N., Leventhal, B. C., & Ames, A. J. (2019, April). *Using a treelike item structure to disentangle response styles from trait information*. Poster presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Toronto, Canada.
- Leventhal, B. C. (2019, April). *When consequences of false negative misclassification have greater harm: A 3-PL illustration*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Toronto, Canada.
- Clarke, K, Hazard, G. & Leventhal, B.C. (2019, February). *Critical information literacy from general education to the major. How assessment shapes competencies and student learning in theory and practice*. Presentation at the Association of American Colleges & University (AAC&U): 2019 General Education and Assessment Conference. Creating a 21<sup>st</sup>- Century General Education: Responding to Seismic Shifts, San Francisco, CA.
- \*Zapparrata, N., Ames, A. J., & Leventhal, B. C. (2018, November). *Detection of differential item functioning in the Ethical Reasoning Identification Test*. Poster presented at the Virginia Assessment Group Annual Meeting, Charlottesville, VA.
- \*Thompson, K., \*Craig, B., Leventhal, B. C., & Horst, S. J. (2018, November). *Let's talk about attitudes: What predicts first-year oral communication competence?* Poster presented at the Virginia Assessment Group Annual Meeting, Charlottesville, VA.
- Schubert, L., Leventhal, B.C., & Trybus, M. (2018, October). *Scaling the molehill before Mount Everest: Assessing peer educators in a learning assistance program*. Paper presented at the 2018 Assessment Institute in Indianapolis, Indianapolis, IN.
- Leventhal, B. C. (2018, October). *Point of minimal classification Error: A simulation study*. Paper presented at the Annual Meeting of the Northeastern Educational Research Association (NERA), Trumbull, CT.
- Grabovsky, I. & Leventhal, B.C. (2018, July). *Cut-scores that minimize ultimate classification error in test batteries*. Paper presented at the International Meeting of the Psychometric Society (IMPS), New York, NY.

- \*Myers, A.J., Ames, A.J., Leventhal, B.C., & \*Holzman, M.A. (2018, July). *Posterior predictive model comparison of two performance assessment scoring methods*. Paper presented at the International Meeting of the Psychometric Society (IMPS), New York, NY.
- Leventhal, B. C. & Horst, S. J. (2018, July). *Every learner is unique so why couldn't their assignments be unique? The use of simulated datasets in inferential statistics courses*. Poster presented at the International Conference on Teaching Statistics 10, Kyoto, JP.
- Leventhal, B. C. & Horst, S. J. (2018, July). *Can a three-day intensive statistics boot camp increase graduate students' core knowledge and self-efficacy?* Paper presented at the International Conference on Teaching Statistics 10, Kyoto, JP.
- \*Sauder, D., Leventhal, B., & Horst, S. J. (2018, May). *Effects of a summer statistics refresher boot camp*. Poster presentation at the Electronic Conference on Teaching Statistics. State College, PA. (<https://www.causeweb.org/cause/ecots/ecots18/program/posters>)
- \*Myers, A., Ames, A.J., & Leventhal, B. & \*Holzman, M.A. (2018, April). *An item response tree model for validating rubric scoring processes*. Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), New York, NY.
- Horst, S. J., \*Sauder, D., Leventhal, B., & Ford, K. (2017, October). *2017 Summer statistics refresher boot camp*. Poster presentation at the annual 4-VA Symposium. Harrisonburg, VA.
- \*Myers, A., Ames, A.J., & Leventhal, B. (2017, October). *IRTTree Models: application to rater response processes*. Paper Presented at the Annual Meeting of the Northeastern Educational Research Association (NERA), Trumbull, CT.
- Leventhal, B & Stone, C. (2017, April). *Extreme response style: which model is best?* Poster presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Antonio, TX.
- Leventhal, B, Grabovsky, I, & Wainer, H. (2017, April). *Test classification errors: who are we passing and who are we failing?* Paper presented at the Annual Meeting of the American Educational Research Association (AERA), San Antonio, TX.
- Leventhal, B & Rubright, J. (2016, April). *Why do value added ratios differ under different scoring approaches?* Paper presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Washington, DC.
- Leventhal, B & Stone, C. (2016, April). *Extreme Response Style: Which Model is Best?* Poster presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Washington, DC.
- Leventhal, B. (2016, March). *Extreme Response Style: Comparison of Models*. Paper presented at the CGSE Student Research Conference, Pittsburgh, PA.
- Leventhal, B., Stone, C., Yu, L. & Greco, C. (2015, April). *Comparing MULTILOG and IRTPRO Parameter Estimates under Skewed Trait Distributions*. Poster presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Chicago, IL.

Leventhal, B. & Fowler, K. (2011, March). *Optimization for Modeling Brain Activity During Threatening Scenarios*. Presented at SIAM Conference on Computational Science and Engineering, Reno, NV.

Leventhal, B., Lowenstein, K., Drouin, K., Dowman, R., Fowler, K. (2010, August). *Understanding How the Brain Detects Threats*. Presented at MathFest, Pittsburgh, PA.

Leventhal, B., Lowenstein, K., Drouin, K., Dowman, R., Fowler, K. (2010, July). *Understanding How the Brain Detects Threats*. Presented at Summer Symposium On Undergraduate Research, Potsdam, NY.

#### **CONFERENCE WORKSHOPS (\* indicates student)**

Leventhal, B. C. (2023, May 25). *Understanding Bayesian*. Workshop presented at the 2023 Annual Convention of the Association for Psychological Science (APS), Washington, D.C.

Leventhal, B. C. (2023, April 12). *An introduction to Bayesian statistics*. Workshop presented at the 2023 Annual Meeting of the National Council on Measurement in Education (NCME), Chicago, IL.

Thompson, K. & Leventhal, B. C. (2022, December 3). *Best practices: Determining reliability and validity evidence*. Workshop presented at the 2022 Annual Meeting of the Southern Association of Colleges and Schools Commission on Colleges (SASCOC), Atlanta, GA.

Leventhal, B. C. (2022, August 7). *An introduction to item response theory*. Short course presented at the Joint Statistical Meetings (JSM). Washington, D.C.

Leventhal, B.C. & Ames Boykin, A. (2022, April). *Using SAS for Monte Carlo simulation studies in item response theory*. Workshop presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Diego, CA.

Leventhal, B. C. & \*Thompson, K. (2021, December 3). *Concepts in practice: Reliability and validity of our assessment evidence*. Workshop presented at the 2021 Annual Meeting of the Southern Association of Colleges and Schools Commission on Colleges (SASCOC), Virtual Conference.

Leventhal, B.C. & Ames Boykin, A. (2021, June 8). *Using SAS for Monte Carlo Simulation Studies in Item Response Theory*. Workshop presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Conference.

Leventhal, B. C. & \*Thompson, K. (2020, December 2). *Investigating the reliability and validity of our assessment evidence*. Workshop presented at the 2020 Annual Meeting of the Southern Association of Colleges and Schools Commission on Colleges (SASCOC), Virtual Conference.

Leventhal, B. C. (2020, June 11). *Making reliable and valid score interpretations from assessment instruments*. Workshop presented at the Association for the Assessment of Learning in Higher Education (AALHE) Annual Assessment Conference, Virtual Conference.

Leventhal, B. C. & Ames, A. J. (2020, April). *Using SAS for Monte Carlo simulation studies in item response theory*. Workshop presented at the Annual Meeting of the National Council on Measurement in Education (NCME), San Francisco, CA. (Conference Cancelled)

Leventhal, B.C. & Hathcoat, J.D. (2019, December 7). *Reframing assessment evidence: How evidence should be used to make valid and reliable interpretations of assessment data*. Workshop

presented at the 2019 Annual Meeting of the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), Houston, TX.

Leventhal, B.C. & Hathcoat, J.D. (2019, October). *Supporting the interpretations and uses of assessment scores: What reliability and validity mean and why they are necessary*. Workshop presented at the 2019 Assessment Institute in Indianapolis, Indianapolis, IN.

Leventhal, B. C. & \*Thompson, K. (2019, June). *Intended inferences and uses of scores: How to assess reliability and know what validity evidence to collect*. Skill development workshop presented at the Association for the Assessment of Learning in Higher Education (AALHE) Annual Assessment Conference, St. Paul, MN.

\*Gregg, N. & Leventhal, B. C. (2019, April). *Tips and tricks to effectively communicate results: Best practices in data visualization*. Workshop presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Toronto, Canada.

Leventhal, B. C. & Ames, A. J. (2019, April). *Using SAS for Monte Carlo simulation studies in item response theory*. Workshop presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Toronto, Canada.

\*Gregg, N. & Leventhal, B. C. (2018, October). *A SASsy Approach to best practices in data visualization*. Workshop presented at the Annual Meeting of the Northeastern Educational Research Association (NERA), Trumbull, CT.

Leventhal, B. C. & Horst, S.J. (2018, July). *Statistics refresher boot camp workshop: Development of an active learning environment*. Invited workshop presented at the International Conference on Teaching Statistics 10, Kyoto, JP.

Stone, C. A., & Leventhal, B.C. (2018, April). *Bayesian analysis of response style IRT models using SAS PROC MCMC*. Workshop presented at the Annual Meeting of the National Council on Measurement in Education (NCME), New York, NY.

#### **INVITED WORKSHOPS/SHORT COURSES (\* indicates student)**

Leventhal, B. C. (2021, October 23). *Item response theory: an introduction and overview*. Short course presented to the Southern California Chapter of the American Statistical Association (ASA's Traveling Course Series), Virtual.

Leventhal, B. C. (2021, October 8-9). *Item response theory: an introduction and overview*. Short course presented to the San Francisco Bay Area Chapter of the American Statistical Association (ASA's Traveling Course Series), Virtual.

Leventhal, B. C. (2021, September 10). *Item response theory: an introduction and overview*. Short course presented to the Florida Chapter of the American Statistical Association (ASA's Traveling Course Series), Virtual.

Snyder, S., Hornsby, T., Leventhal, B., & Huber, H. (2021, May). *Better when we work together: Effective collaboration between BCBA's and school psychologists*. Presentation for behavior analysts working in Virginia Public Schools. Virginia Public Schools Behavior Analyst Support Network, Virtual.

Leventhal, B. C., Horst, S. J., \*Gregg, N. & \*Thompson, K. N. (2019, August). *Statistics refresher boot camp*. Three-day workshop on graduate-level introductory statistics for graduate students and faculty at James Madison University, Harrisonburg, VA.

\*Thompson, K. & Leventhal, B. C. (2019, April). *Defining “checking for understanding”*. Workshop presented to the Learning Centers at James Madison University, Harrisonburg, VA.

Leventhal, B.C. & Ames, A.J. (2019, March). *Using SAS for Monte Carlo simulation studies in item response theory*. Invited workshop at the University of Arkansas, Fayetteville, AR.

\*Gregg, N. & Leventhal, B.C. (2019, March). *Tips and tricks to effectively communicate results: Best practices in data visualization*. Invited workshop at the University of Arkansas, Fayetteville, AR.

Horst, S. J., \*Perkins, B. A., & Leventhal, B. C. (2018, August). *Statistics refresher boot camp*. Three-day workshop on graduate-level introductory statistics for graduate students and faculty at James Madison University, Harrisonburg, VA.

Leventhal, B.C., Schubert, L. K., Trybus, M. & Fahrney, J., Hoang, C. Q. (2018, May). *Learning Centers assessment workshop: Developing common content*. Workshop presented to the Learning Centers at James Madison University, Harrisonburg, VA.

Leventhal, B.C. & Ames A. J. (2017, October). *Logarithms, transformations, and calculus. Oh my!* Workshop presented at the Center for Assessment and Research Studies, Harrisonburg, VA.

Horst, S. J., \*Sauder, D., & Leventhal, B. C. (2017, August). *Statistics refresher boot camp*. Three-day workshop on graduate-level introductory statistics for graduate students and faculty at James Madison University, Harrisonburg, VA.

#### **INVITED TALKS AND PRESENTATIONS (\* indicates student)**

Leventhal, B. C. (2023, January 26). *How internships support graduate education*. Invited talk for NCME Certification and Licensure SIGIMIE’s webinar on internships in credentialing, Virtual.

Leventhal, B. C. & \*Schaefer, K. (2022, October). *What is quantitative psychology?* Invited talk for Applications of Psychology at Washington & Lee University, Lexington, VA.

Leventhal, B. C. (2022, July 7). *Understanding academic positions*. Invited presentation for the Psychometric Internship Collective, Virtual.

\*LeRoy, S. K., Leventhal, B. C., Boykin, A. A., & Bandalos, D. L. (2022, April). *The role of funnel items on response styles*. Paper presented at James Madison University’s Graduate Showcase, Harrisonburg, VA.

Leventhal, B. C., \*Dawkins, A., \*Meade, H., & \*Swap, T., (2021, December 4). *Graduate school panel*. Panel session at the Shenandoah Undergraduate Mathematics and Statistics (SUMS), Virtual Presentation.

\*Lewis, J. M. & Leventhal, B. C., (2021). *Information literacy learning during the pandemic*. Presented as part of the Student Internship Research Symposium hosted by the Center for Assessment and Research Studies at James Madison University, Virtual.

- \*Trinh, A. D., \*Thompson, K. N., & Leventhal, B. C. (2021). *Determining the effects of COVID-19 on the structure of the critical thinking disposition and intellectual humility scales through confirmatory factor analysis*. Presented as part of the Student Internship Research Symposium hosted by the Center for Assessment and Research Studies at James Madison University, Virtual.
- Bandalos, D., Jones, P., Mittapalli, K., Rubright, J. & Verges, V. (2021, June 1). In B. C. Leventhal (Moderator), *Debating the training of future measurement professionals*. Panel presented at the Annual Meeting of the National Council on Measurement in Education (NCME), Virtual Conference.
- Leventhal, B.C. (2021, March 2). *Understanding reliability and validity evidence to support the interpretations and uses of assessment scores*. Webinar presented to the Association for the Assessment of Learning in Higher Education (AALHE), Virtual Presentation.
- Leventhal, B. C., \*Meade, H., & Coleman, T. (2020, December 5). *Graduate school panel*. Panel session at the Shenandoah Undergraduate Mathematics and Statistics (SUMS), Virtual Presentation.
- Wasyk, R., Leventhal, B. C., Scott, L., & Ford, R. (2020, December 5). *Career panel*. Panel session at the Shenandoah Undergraduate Mathematics and Statistics (SUMS), Virtual Presentation.
- Clauser, A., Leventhal, B. C., Lottridge, S. & Smith, K. (2020, October 15). *Navigating the in-person or virtual interview process*. In B. Perkins (Chair), *GSIC Session [Panel]*. The Annual Meeting of the Northeastern Educational Research Association (NERA), Virtual Presentation.
- Leventhal, B. C. (2020, October 9). *What are quantitative psychology, measurement, and assessment?* Invited talk for Applications of Psychology at Washington & Lee University, Virtual.
- \*Herr, R. & Leventhal, B.C. (2020, September 18). *Longitudinal growth of students' information literacy skills at JMU*. Presented as part of the Student Internship Research Symposium hosted by the Center for Assessment and Research Studies at James Madison University, Virtual.
- Leventhal, B. C. (2020, September 8). *The fields of quantitative psychology and educational/psychological measurement*. Invited talk to the Data Analytics Through Applied Statistics club at the University of Pittsburgh, Virtual.
- Ames, A. J., Depaoli, S., Leventhal, B. C., Middleton, K., & Willse, J. (2020, July 23). *Recruiting students for the measurement profession*. Panel session for the Special Interest Group in Measurement in Education of the National Council on Measurement in Education (NCME), Virtual Presentation.
- \*Gregg, N. & Leventhal, B.C. (2020, April). *Rating scale issues: Investigating the stability of extreme response style*. Presented as part of the CARS Talk Symposium Series at James Madison University, Harrisonburg, VA.
- Leventhal, B. C. (2019, October 28). *Assessment and measurement and quantitative psychology: What are they and why study each?* [Webinar]. *Kenyon College Institutional Effectiveness Office*.
- Hathcoat, J., \*Blanco Murakoshi, D., Leventhal, B.C., & \*Shapovalov, Y. (2019, October). *Using item analysis to improve assessment instruments*. Presented as part of the CARS Talk Symposium Series at James Madison University, Harrisonburg, VA.

- \*Gregg, N. & Leventhal, B.C. (2019, October). *Evidence of a two-stage response process from adaptive Likert items*. Presented as part of the CARS Talk Symposium Series at James Madison University, Harrisonburg, VA.
- \*Thompson, K. & Leventhal, B.C. (2019, October). *Interpreting distractor functioning: the paradigm does matter*. Presented as part of the CARS Talk Symposium Series at James Madison University, Harrisonburg, VA.
- Leventhal, B. C. & \*Thompson, K. (2018, November). *What is quantitative psychology?* Invited talk for Applications of Psychology at Washington & Lee University, Lexington, VA.
- \*Zapparrata, N., Ames, A. J., & Leventhal, B.C. (2018, October). *Detection of differential item functioning in the Ethical Reasoning Identification Test*. Presented as part of the CARS Talk Symposium Series at James Madison University, Harrisonburg, VA..
- \*Thompson, K., \*Craig, B., Leventhal, B.C., & Horst, S. J. (2018, October). *Let's talk about attitudes: What predicts first-year oral communication competence?* Presented as part of the CARS Talk Symposium Series at James Madison University, Harrisonburg, VA.
- Leventhal, B.C. (2018, September). *Reliability and validity: Assessment and measurement in action*. Invited talk at the Networked Learning Initiatives at Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA.
- Leventhal, B.C. (2018, September). *Item response theory: A conceptual understanding*. Invited talk to Statistical Applications and Innovations Group (SAIG) at Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA.
- Horst, S. J. & Leventhal, B.C. (2018, July). *Connecting two ends of the spectrum: An opportunity for faculty development in assessment*. Invited talk at Kyoto University, Kyoto, JP.
- Leventhal, B. C. (2017, December). *What is quantitative psychology?* Invited talk for Statistical Honors at the Department of Statistics at the University of Pittsburgh. Pittsburgh, PA.
- Leventhal, B. C. (2017, December). *Learning improvement in higher education*. Invited talk for Discipline-Based Science Education Research Center. Pittsburgh, PA.
- Leventhal, B., Fu, X., & Fowler, K. (2011, April). *Comparing Analytic and Simulation Based Approaches to Determining Thermal Conductivities*. Presented at the Center for Environment at Clarkson Annual Symposium, Potsdam, NY.
- Leventhal, B., Fu, X., & Fowler, K. (2010, October). *Comparing Analytic and Simulation Based Approaches to Determining Thermal Conductivities*. Presented at St. Lawrence Mathematics Symposium, Potsdam, NY.
- Leventhal, B. & Fowler, K. (2010, September). *Mathematical Approach to Threat Detection in the Brain*. Poster presented at AWM Dessert Reception, Potsdam, NY.
- Leventhal, B. & Fowler, K. (2010, April). *Parameter estimation study for 1-D heat transport in the shallow subsurface*. Poster presented at Center for Environment at Clarkson Annual Symposium, Potsdam, NY.

## HONORS AND AWARDS

- 2022 Jason Millman Promising Measurement Scholar Award, National Council on Measurement in Education (NCME)
- 2022 Outstanding Service Award presented by NCME in recognition of outstanding service as 2022 Program Co-Chair
- 2021 Outstanding Junior Faculty Award (AY 2019-2020), Department of Graduate Psychology, James Madison University.
- 2021 Outstanding Service Award presented by NCME in recognition of outstanding service as NCME Website Master 2018-2021
- 2020 Outstanding Junior Faculty Award (AY 2018-2019), Department of Graduate Psychology, James Madison University.
- 2019 International Society for Quality of Life Research 2019 New Investigator Poster Award finalist
- 2019 NCME Award presented at the Annual Meeting in recognition of outstanding service, creative excellence, and technical expertise in developing the new NCME website
- 2019 Honorable Mention, Ethical Reasoning In Action: It's Complicated case competition; Leventhal, B.C. (2019) *Energize Virginia*
- 2019 Outstanding Junior Faculty Award (AY 2017-2018), Department of Graduate Psychology, James Madison University.
- 2018 NCME Certificate of Appreciation in recognition of outstanding service, creative excellence, technical expertise, and dedication to providing value
- 2017 Top 10 2017 Cover Graphic/Data Visualization Competition; Leventhal, B., Grabovsky, I. & Wainer, H. (2017). Grading on a curve: minimizing the error of classification graphically. *Educational Measurement: Issues and Practice*
- 2016 AERA Top 10 most read articles of 2015 in *Review of Research in Education*
- 2012 Outstanding Teaching Assistant, Department of Statistics, University of Pittsburgh
- 2011 Miller/Davis Service Award Department of Mathematics, Clarkson University
- 2011 Pi Mu Epsilon – US Honorary National Mathematics Society
- 2010 Outstanding Speaker, MathFest, Pittsburgh, PA

## GRANTS AND FUNDED PROJECTS

- 2023 Leventhal, B. C. & Finney, S. *Creation of pedagogical tools for students and faculty to address diversity, equity, and inclusion in assessment and critical quantitative methods.* Funded by the College of Health and Behavioral Studies at James Madison University (\$4,998).
- 2022 Leventhal, B. C.: *Development of two advanced quantitative methods courses using SAS.* Funded by the College of Health and Behavioral Studies at James Madison University (\$3,058).
- 2021 – 2022 Snyder, S., Hornsby, T., Huber, H., & Leventhal, B. C.: *Understanding pre-professional students' perceptions on interprofessional collaboration within Virginia school psychology and BCBA training programs.* Funded by 4-VA (\$4,900 + \$1,700 in Complementary Funds).
- 2021 Leventhal, B. C.: *Prompting student motivation.* Funded by Division D of the American Educational Research Association (\$2,800).
- 2019 – 2020 Leventhal, B. C.: *Enhancing teaching and learning with SAS.* Funded by the College of Health and Behavioral Studies at James Madison University (\$4,743).



- 2018 – 2021 Leventhal, B. C.: *New tools for increasing recruitment into the educational measurement field*. Funded by the NCME Mission Fund (\$5,998).
- 2018 – 2020 Leventhal, B.C. & Van Mullekom, J.: *FLIPC<sup>2</sup>LAS (Facilitating Learning through Innovative Practices in the teaching of Communication for Collaboration in Laboratories for Assessment and Statistics)*. Funded by 4-VA (\$5,000)  
 Van Mullekom, J. & Leventhal, B.C.: *FLIPC<sup>2</sup>LAS (Facilitating Learning through Innovative Practices in the teaching of Communication for Collaboration in Laboratories for Assessment and Statistics)*. Funded by 4-VA (Additional \$5,000 in Complementary Funds)
- 2017 – 2018 Leventhal, B. C., Horst, S. J., Ford, K.: *Stats refresher boot camp workshop: Sharing what we've learned and how to do it yourself*. Funded by 4-VA (\$5,000)
- 2016 – 2017 Leventhal, B & Pfenning, N.: *Creating a Comprehensive Bank of Assessments for Use in Applied Statistical Methods*. Funded by: Discipline-Based Science Education Research Center (\$10,000)
- 2016 Leventhal, B & Stone, C.A.: *Extreme Response Style: Which Model is Best?* Funded by: University of Pittsburgh Student/ Student & Faculty Research Fund
- 2010 – 2011 Fowler, K., Leventhal, B., & Fu, X.: *Understanding the Impact of Boundary and Initial Condition Errors on the Solution to a Thermal Conductivity Inverse Problem*. Clarkson University. Funded by: US Army Corps of Engineers Waterways Experimentation Station
- 2010 Fowler, K., Dowman, R., Leventhal, B., & Drouin, K.: *Artificial Neural Network Models of the Brain Mechanisms of Threat Detection and Orienting*. Undergraduate Studies in Biology and Mathematics (UBM). Clarkson University. Funded by: National Science Foundation (NSF)
- 2009 Fowler, K. & Leventhal, B.: *Parameter Estimation Study for 1-D Heat Transport in the Shallow Subsurface*. Funded by: US Army Corps of Engineers Waterways Experimentation Station

#### **PROFESSIONAL DEVELOPMENT GRANTS**

- 2022 College of Health and Studies Mini Grant, James Madison University (\$447)
- 2019 International Development Grant (Toronto, Canada), Center for Global Engagement, James Madison University (\$500)
- 2018 College of Health and Behavioral Studies Mini Grant, James Madison University (\$218)
- 2018 International Development Grant (Kyoto, Japan), Center for Global Engagement, James Madison University (\$500)
- 2017 Kevin H. Kim Memorial Travel Grant, Research Methodology, University of Pittsburgh (\$1000)
- 2017 Department of Psychology in Education Travel Grant, University of Pittsburgh. (\$1000)
- 2016 Kevin H. Kim Memorial Travel Grant, Research Methodology, University of Pittsburgh (\$1000)
- 2015 Kevin H. Kim Memorial Travel Grant, Research Methodology, University of Pittsburgh (\$1000)

## **PROFESSIONAL DEVELOPMENT CERTIFICATES**

- 2020 Certificate of Completion in recognition of successful completion of Team Excellence workshop series.
- 2019 Certificate of Completion in recognition of successful completion of the Emerging Leaders workshop series.

## **PROFESSIONAL SERVICE AND APPOINTMENTS**

- 2022 – 2024 Editor: Instructional Topics in Educational Measurement Series (ITEMS)
- 2022 – 2024 APA's Committee on Psychological Tests and Assessment - BEA/BSA Member (representing educational testing)
- 2022 – 2024 NCME Graduate Student Issues Committee (GSIC), faculty representative
- 2021 – 2023 AERA Division D Nominations Committee - member
- 2021 – 2022 NCME 2022 Annual Conference Program Co-Chair (April 2022 Conference)
- 2020 – 2021 Educators of Measurement SIGIMIE (NCME) – Chair
- 2018 – 2021 Editor: NCME Website
- 2018 – 2021 Co-Chair of NCME Website Committee
- 2018 – 2021 NCME Digital Presence Committee - member
- 2017 – 2022 Assessment liaison to General Education at James Madison University
- 2017 – 2020 Assessment liaison to the Learning Centers at James Madison University
- 2015 – Present Ad hoc reviewer for several journals and conferences
- 2017 – 2018 NCME Website Committee - member
- 2015 – 2017 Chair of NCME Graduate Student Issues Committee (GSIC)
- 2016 PASA Standard Setting Outside Reviewer
- 2015 – 2017 NCME Graduate Student Issues Committee (GSIC) - member
- 2013 – 2015 Student Representative on NCME Career Contribution Award Committee

## **PROFESSIONAL ORGANIZATIONS**

- National Council on Measurement in Education (NCME)
- Northeast Educational Research Association (NERA)
- American Educational Research Association (AERA)
- AERA Division D: Measurement and Research Methodology
- AERA Special Interest Group: Measurement and Assessment in Higher Education
- Association of Psychological Sciences (APS)
- American Psychological Association (APA)
- American Statistical Association (ASA)