

# Austin Thomas Boyd

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## Education

- Expected: **University of Tennessee, Knoxville, TN**  
May 2022 Doctor of Philosophy in Educational Psychology and Research,  
Minor in Statistics  
Concentration in Evaluation, Statistics, and Methodology  
Dissertation: The Parasocial Relationships in Social Media Survey  
(Advisor: Dr. Louis Rocconi)
- May 2018 **University of Virginia, Charlottesville, VA**  
Bachelor of Arts in Psychology, Minor in Biology  
Awarded Research Excellence in Psychology Laboratory  
Academic Dean's List, Fall 2016 & Fall 2017

## Research & Practical Experience

- May 2022 - **Research Assistant**  
Present *Supervisor: Dr. Lisa Famularo at the American Reading Company*
- Work as a researcher for the American Reading Company, cleaning and analyzing K-12 student reading data to determine the efficacy of ARC reading education and assessment materials.
  - Write and edit white papers and other efficacy and validity research publications on study findings
  - Participate in weekly staff meetings to disseminate data and identify future objectives and goals
  - 40 hours per week.
- Sept 2020 - **Statistics and Evaluation Consultant**  
July 2021 *Self-employed*
- Founded a statistics and evaluation consulting company named Boyd and Associates International, LLC.
  - Secured a 10 month contract with Motorola Solutions to assist with data analysis and visualizations of their contracts in the federal government.
  - Approximately 10 hours per week. (paid)
- May 2020 - **Statistics Intern, Evaluation, Statistics, and Methodology Program**  
Aug 2020 *Supervisor: Dr. Morrow at the University of Tennessee's Educational Psychology & Counseling department*
- Worked as a statistics intern for the ESM Program helping create a Handbook on R for students of the program
  - Created and conducted a training on basic R use and data visualization in R for doctoral students

- Approximately 10 hours per week. (course credit)
- Jan 2020 - **Evaluation Intern, Human-Animal Bond in Tennessee**  
May 2020 *Supervisor: Dr. Souza at the University of Tennessee's College of Veterinary Medicine*
- Worked as an evaluation consultant to the RUFF Reading Program giving them a logic model and measurement workshop, as well as a written technical report of suggestions for evaluation questions, methods, and measurements for evaluating their program
  - Approximately 10 hours per week. (course credit)
- Aug 2019 - **Media Editing Consultant**  
Nov 2019 *Suburban Virginia Republican Coalition*
- Created 60 second video excerpts from the organizations "Think Suburbia" podcasts to be used in social media marketing and advertising.
  - Approximately 3 hours per week. (paid)
- Aug 2018 - **Graduate Research Assistant**  
Present *Supervisor: Dr. Rocconi and Dr. Morrow at the University of Tennessee*
- Performed literature review and synthesized material to co-author journal article manuscript on reformatting data for social network analysis
  - Worked as a co-evaluator and consultant to the Arrowmont School of Arts and Crafts, giving them a logic model and measurement workshop, as well as a written technical report of suggestions for evaluation questions, methods, and measurements for evaluating their MACP grant
  - Worked as a research assistant for a grant funded project analyzing law schools' national ranking in relationship to student engagement
  - Approximately 20 hours per week. (paid)
- Sept 2017- **Test Item Writer**  
July 2019 *Psychological Services Bureau*
- Developed new test items for different entry level healthcare aptitude examinations
  - Approximately 5 hours per week. (paid)
- Sept 2017 - **Undergraduate Research Assistant, Psychometric Lab**  
May 2018 *Supervisor: Dr. Schmidt at the University of Virginia*
- Developed and presented a paper at the International Objective Measurement Workshop Conference
  - Analyzed data using Item Response Theory techniques and Rasch Modeling
  - Participated in weekly staff meetings to disseminate data and identify future objectives and goals
  - Approximately 10 hours per week. (course credit)

May 2017 – **Program Evaluation Intern, Office of Accountability's Program**  
 Dec 2018 **Evaluation Department**

*Supervisor: Dr. Neall at Prince William County Schools*

- Performed data analysis and visualization on survey results of several county programs including the gifted education, strings program, annual Equity and Excellence in Education (EEE) conference, Title I school's parent evaluations, and the newly implemented Professional Learning Community (PLC) Survey
- Approximately 40 hours per week during the summers. (paid)

May 2017 – **Statistics Consultant**

Aug 2017 *Self-employed*

- Provided statistical consultations for doctoral candidates
- Coded and analyzed survey results, including statistical testing, table and graphical representations of the data and results, and a written summary of the findings
- Approximately 3 hours per week. (paid)

Sept 2016 – **Undergraduate Research Assistant, Social Behavior and Decisions Lab**

May 2017 *Supervisor: Dr. Converse at the University of Virginia*

- Supported undergraduate participants with the completion of psychological studies
- Secured, recorded, and coded data for analysis using excel and SPSS
- Participated in staff meetings to disseminate data and identify future objectives and goals
- Approximately 6 hours per week. (course credit)

### **Teaching Experience**

Jan 2021 – **Graduate Teaching Assistant**

May 2021 *Statistics in Applied Fields III (Dr. Rocconi at the University of Tennessee)*

- Assisted in teaching graduate students advanced statistical analyses with R in a synchronous online course
- Approximately 6 hours per week. (course credit)

May 2020 – **Graduate Teaching Assistant**

Aug 2020 *Classroom Measurement (Dr. Morrow at the University of Tennessee)*

- Assisted in teaching graduate students educational measurement concepts and techniques in an asynchronous online summer course
- Approximately 6 hours per week. (course credit)

Jan 2020 – **Graduate Teaching Assistant**

May 2020 *Statistics in Applied Fields II (Dr. Rocconi at the University of Tennessee)*

- Assisted in teaching graduate students statistical analyses with SPSS Statistical Software in an asynchronous online course

- Designed assignments and quizzes to teach statistical analysis and SPSS to graduate students
- Approximately 6 hours per week. (course credit)

Aug 2019 – **Graduate Teaching Assistant**

May 2020 *Program Evaluation I/II (Dr. Morrow at the University of Tennessee)*

- Assisted in teaching graduate students program evaluation methodologies in a two-part graduate course sequence
- Provided feedback and assistance to students as they designed and then conducted a program evaluation from start to finish for an external client of their choice
- Designed in class activities and helped lead instruction during in person meetings
- Approximately 6 hours per week. (course credit)

Sept 2017 – **Undergraduate Teaching Assistant**

May 2018 *Research Methods and Data Analysis II (Dr. Schmidt at the University of Virginia)*

- Developed and taught 1-hour lectures on 2x2 Factorial Analysis and Data Visualization using R Studio Statistical Software
- Assisted in teaching students statistical analyses with R Studio Statistical Software in weekly lab
- Designed assignments and code scripts to teach R Studio and statistical analyses to psychology majors
- Approximately 6 hours per week. (paid and course credit)

Feb 2017 – **Statistics Tutor at the University of Virginia**

May 2018 *Self Employed*

- Addressed areas of weakness in students' knowledge of course content at review sessions
- Promoted students' development of effective study strategies to aid in long-term comprehension
- Conducted discussions with students after exams to discuss future strategies to improve studying
- Approximately 2 hours per week. (paid and unpaid)

Dec 2015 – **Substitute Teacher**

Jan 2020 *Prince William County Public Schools*

- Taught autistic/special education children utilizing Applied Behavioral Analysis Therapy in the classroom
- Developed and executed lesson plans for K-3 autism students
- Covered academic classes K-5
- Provided academic support to struggling readers and second language learners

## Publications

### Peer Reviewed

- Rocconi, L. & **Boyd, A. T.** (2022). Examining the Relationship between Law School Rank and Student Engagement. *Journal of Legal Education*. Available online: <https://link.springer.com/article/10.1007/s11162-022-09682-y>
- Boyd, A. T.**, & Rocconi, L. M. (2021). Formatting data for one and two mode undirected social network analysis. *Practical Assessment, Research & Evaluation*, 26(24). Available online: <https://scholarworks.umass.edu/pare/vol26/iss1/24/>
- Boyd, A. T.**, Schmidt, K. M., & Bergeman, C. S. (2020). You know what they say about when you assume: Testing the robustness of invariant comparisons. *Journal of Applied Measurement*, 21(2), 190-209.

### Non-Peer Reviewed

- Rocconi, L. & **Boyd, A. T.** (2020). Examining the Relationship between Law School Rank and Student Engagement. AccessLex Resource Collections. Available online: <https://arc.accesslex.org/grantee/67/>

## Evaluation & Technical Reports

- Boyd, A. T.**, Christen, N., Jones, N., Schmidt, A., & York, M. (2021) Distance Education Needs Assessment Report. For the Evaluation, Statistics, and Methodology faculty, University of Tennessee Educational Psychology and Counseling Department. (no Project #, 2 tables, 2 figures; 6 references; 16 pages).
- Narvaiz, S. & **Boyd, A. T.** (2020) 2020 New Graduate Student and Graduate Assistant Orientation Evaluation and Assessment Report. For Dr. Thompson, University of Tennessee Graduate School. (no Project #, 29 tables, 7 figures; no references; 68 pages).
- Boyd, A. T.** (2020) Research Design Options for an Efficacy Study of HABITs Ruff Reading Program. For Marcy Souza, University of Tennessee College of Veterinary Medicine. (no Project #, 3 tables, no figures; no references; 15 pages).
- Boyd, A. T.**, Rocconi, L., Morrow, J. A., & Butler, B. M. (2019) University of Tennessee's Tickle College of Engineering Undergraduate Advising 2019. For the University of Tennessee's College of Engineering. (no Project #, 35 tables, 17 figures; no references; 55 pages).
- Boyd, A. T.** (2019) Assessing the Effectiveness of an Organizational Network Analysis of the Prince William County Public School System. For Dr. Tim Neall, Prince William County School's Office of Accountability. (no Project #, 8 tables, 25 figures; 7 references; 53 pages).
- Boyd, A. T.** & Butler, B. M. (2018) Suggestions for evaluation questions, methods and measurements for the preserving and teaching traditional Appalachian craft MACP grant. For Fran Day, Arrowmont School of Arts and Crafts. (no Project #, 5 tables, 1 figure; no references; 15 pages).
- Boyd, A. T.** (2018) Evaluation Proposal to Assess the Effectiveness of an Organizational Network Analysis of the Prince William County Public School System. For Dr. Tim Neall, Prince William County School's Office of Accountability. (no Project #, 2 tables, no figures; 3 references; 17 pages).

- Boyd, A. T.,** Neall, M., & Carey, N. (2018). 2016-17 Graduate Information. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 26 tables; 57 figures; no references; 57 pages).
- Boyd, A. T.,** Neall, M., & Cassata, J. (2018). Substance Abuse Prevention: Final Report 2017-18. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 22 tables; no figures; no references; 15 pages).
- Boyd, A. T.,** Neall, M., & Cassata, J. (2018). GIZMOS Pilot: Final Report 2017-18. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 2 tables; 4 figures; no references; 10 pages).
- Neall, M., Carey, N., & **Boyd, A. T.** (2017). 2017 Excellence and Equity in Education Conference Evaluation. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 12 tables; 4 figures; no references; 59 pages).
- Carey, N., Neall, M., & **Boyd, A. T.** (2017). Gifted Education Programs' Student and Parent Surveys 2016-17. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 19 tables; 23 figures; no references; 26 pages).
- Neall, M., Carey, N., & **Boyd, A. T.** (2017). Professional Learning Communities Assessment – Revised: Data Analysis. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 126 tables; 17 figures; no references; 76 pages).
- Boyd, A. T.,** Neall, M., & Carey, N. (2017). Professional Learning Communities Assessment – Revised: School-Level Companion. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 546 tables; 91 figures; no references; 291 pages).
- Boyd, A. T.,** Neall, M., & Carey, N. (2017). Results from Doctoral Research: School Counseling Support. For Dr. Jennifer Cassata, Prince William County School's Office of Accountability. (no Project #; 17 tables; 4 figures; no references; 15 pages).

## Presentations

### Professional Presentations

- Boyd, A. T.** (2022, August) Assessing Robustness of Invariant Comparisons in Binary and Polytomous Rasch Models. Live symposium presentation at the 2022 American Psychological Association Conference, August 4-6, Minneapolis, MN.
- Narvaiz, S. & **Boyd, A. T.** (2021, October) Welcoming New Graduate Students During COVID: Assessing Virtual Orientations. Live presentation at the 2021 Assessment Institute Virtual Conference, October 24-27, Online.
- Schmidt, A., Rocconi, L., & **Boyd, A. T.** (2021, August) From Click to Code: Insights from Instructors and Students on Moving from SPSS to R in a Graduate-Level Applied Statistics Course. Live presentation at the 2021 Joint Statistical Meetings Virtual Conference, August 8-12, Online.
- Narvaiz, S. & **Boyd, A. T.** (2021, June) Welcoming New Graduate Students During COVID: Lessons Learned from Assessing A Virtual Orientation. Poster presentation at the 2021 NASPA Virtual Conference on Student Success in Higher Education, June 26-30, Online.
- Christen, N., **Boyd, A. T.,** & Morrow, J. A. (2021, June). Asking it the “Right” Way Versus the “Wrong” Way: Creating Effective & Meaningful Assessment Items. Live exemplar

- session for the AALHE 2021 Online Conference: Exemplars, Encores, and Enigmas, June 7-11, Online.
- Jones, S. N., York, M., Christen, N., **Boyd, A. T.**, & Schmidt, A. (2021, May). Teamwork in a virtual environment: Reflections of conducting a needs assessment during a pandemic. Live reflective dialogue session for the EViE 2021 Conference, May 20-21, Online.
- Boyd, A. T.** & Schmidt, A. (2020, November) Basics of R Training. Online training presentation for graduate students in the University of Tennessee Evaluation, Statistics, and Methodology program, Online.
- Butler, B. M. & **Boyd, A. T.** (2020, October\*) Curriculum Vitae Building. Workshop at the American Evaluation Association 2020 Conference, October 27-20, Online.
- Jones, N., Christen, N., & **Boyd, A. T.** (2020, October\*). Inclusive evaluations: Making your online surveys accessible. Workshop at the American Evaluation Association 2020 Conference, October 27-20, Online.
- Christen, N., **Boyd, A. T.**, & Morrow, J. A. (2020, June\*). Asking it the “Right” Way Versus the “Wrong” Way: Creating Effective & Meaningful Survey Items. Concurrent session for the Watermark Engage 2020 Conference, June 17-18, Baltimore, Maryland.
- Boyd, A. T.** (2020, March) An Application of Social Network Analysis with Internet Data: The Linkages Between Marvel Superheroes. Poster presentation at the University of Tennessee College of Education, Health, and Human Sciences’ Graduate Student Research Colloquium 2020, March 4, Knoxville, Tennessee.
- Boyd, A. T.** & Butler, B. M. (2020, March) Curriculum Vitae Building. Online training presentation for graduate students in the University of Tennessee Evaluation, Statistics, and Methodology program, Online.
- Boyd, A. T.**, Christen, N., Jones, N., Schmidt, A., & York, M. (2019, November) Equivalence Testing with Two One-Sided Tests (TOST) Training. Training presentation for graduate students in the University of Tennessee Evaluation, Statistics, and Methodology program, November 25, Knoxville, Tennessee.
- Rocconi, L. & **Boyd, A. T.** (2019, November). Examining the Relationship between Law School Rank and Student Engagement. Paper presented at the Association for the Study of Higher Education (ASHE) Conference, November 14-16, Portland, Oregon.
- Rocconi, L. & **Boyd, A. T.** (2019, November). Examining the Relationship between Law School Rank and Student Engagement. Paper presented at the AccessLex Legal Education Research Symposium, November 11-12, Orlando, Florida.
- Boyd, A. T.** & Butler, B. M. (2019, October). Paving the way to an effective resume: Standardizing the resume and CV formats. Poster presented at the annual Society for the Teaching of Psychology International Twitter Poster Conference, Online.
- Boyd, A. T.**, Schmidt, K. M., & Bergeman, C. S. (2018, April). You know what they say about when you assume: Testing the robustness of invariant comparisons. Paper presented at the International Objective Measurement Workshop (IOMW) Conference, April 10-11, New York, New York.
- Boyd, A. T.** (2018, April). Data Visualization in R Studio. Lecture presented in PSYC 3006: Research Methods and Data Analysis II Course, Charlottesville, VA.
- Boyd, A. T.** (2017, December). Conducting a 2x2 Factorial ANOVA in R Studio. Lecture presented in PSYC 3006: Research Methods and Data Analysis II Course, Charlottesville, VA.

**Boyd, A. T.** (2012, September) Knowing Your Leadership Styles. Workshop lead at JROTC Leadership Conference, September 25, Prince William County, VA.

### **Client Presentations**

**Boyd, A. T.** (2020, February) *Logic Model and measurement consultation*. Presentation for the clients of the Evaluation of the Human-Animal Bond in Tennessee's RUFF Reading Program.

Butler, B. M. & **Boyd, A. T.** (2019, February) *Logic Model and measurement consultation*. Presentation for the clients of the Evaluation for Arrowmont School of Arts and Crafts MACP Grant.

## **Research & Evaluation Projects**

### **Previous Projects**

Aug 2020 – **Survey of Parasocial Relationships with Online Celebrities**

May 2022 *Co-PI*

- Developed and implemented a survey assessing parasocial relationships with online celebrities
- Took the lead in designing the survey as well as drafting a three journal articles on the findings

Aug 2019 – **Distance Education Needs Assessment for ESM Program**

May 2021 *Co-PI*

- Worked as a graduate research assistant and team lead conducting a needs assessment for the University of Tennessee's Educational Psychology and Counseling department to develop and online, distance education master's program for the Evaluation, Statistics, and Methodology program
- Took over as team lead for the project in Fall 2020 and lead the creation of the final report and curriculum change proposal

Aug 2020 – **Evaluation of the 2020 New Graduate Student and Graduate Teaching Assistant Orientation**

Dec 2020 *Co-PI*

- Worked as an evaluation consultant to the University of Tennessee's Graduate School and evaluated their first ever entirely online graduate student orientations as a result of the COVID-19 pandemic
- Developed a report covering the successes and shortcomings of the events, along with commendations and recommendations for future online orientations

Mar 2019 – **Examining the Relationship between Law School Rank and Student Engagement**

May 2020 *Co-PI*



- Worked as a graduate research assistant on the AccessLex grant funded research project where we analyzed law schools' national ranking in relationship to student engagement
- Took part in two presentations of the results as well as assisted writing a journal article on the findings

Oct 2018 – **Preserving and Teaching Traditional Appalachian Craft**

May 2019 *Co-PI*

- Worked as an evaluation consultant to the Arrowmont School of Arts and Crafts, facilitating a logic model and measurement roundtable, as well as providing a written technical report of suggestions for evaluation questions, methods, and measurements for evaluating their MACP grant
- Designed and implemented a feedback survey for the project's Legacy Week event

Sept 2018 – **Assessing the Effectiveness of an Organizational Network Analysis of the Prince William County Public School System**

May 2019

*Co-PI*

- Conducted an Organizational Network Analysis (ONA) of the Prince William County Public school system
- Provided the client with a write up of the results and a "How to" guide for implementing future ONAs
- Gave an in-person presentation of the final results to the client

Sept 2017 – **You know what they say about when you assume: Testing the robustness of invariant comparisons**

May 2019

*Co-PI*

- Analyzed data from the University of Notre Dame using Item Response Theory techniques and Rasch Modeling
- Took part in a presentation of the results as well as took the lead in writing a journal article on the findings

## Grants

### Funded

**Boyd, A. T.** (Co-PI) & Rocconi, L. (Co-PI) University of Tennessee Scholarly Activity and Research Incentive Funds: Summer Graduate Research Assistantship Fund.

*Developing easy-to-use and accessible statistical tools for applied researchers.*

University of Tennessee Office of Research & Engagement. April 2020. (\$3,600)

**Boyd, A. T.** (Co-PI) & Schmidt, K. M. (Co-PI) University of Virginia Small Research and Travel Grant. *You Know What They Say About When You Assume: Assessing the Robustness of Invariant Comparisons.* University of Virginia College of Arts & Sciences. May 2018. (\$750)

### Not Funded

Morrow, J. (Co-PI), Rocconi, L. (Co-PI), Skolits, G.J. (Co-PI), Butler, B. M. (GRA), & **Boyd, A. T.** (GRA) IES Statistical and Research Methodology in Education Grant. *Methodology and Statistical Tools for Educational Researchers (MASTER)*. Institute of Education Sciences. July 2020. (\$900,000)

**Boyd, A. T.** (Co-PI) & Skolits, G.J. (Co-PI) Friends of EPC Student Research Award. *Assessing the Effectiveness of an Organizational Network Analysis of the Prince William County Public School System*. University of Tennessee Educational Psychology & Counseling Department. January 2019. (\$400)

### Professional Workshops & Trainings

- Feb 2021    Experiential Learning Certification
  - *UTK Teaching & Learning Innovation certification in experiential learning best practices and student learning outcomes for instructors*
- Apr 2020    Introduction to Tableau
  - *Introductory training on using Tableau data visualization software*
- Feb 2020    The Craft of Statistical Analysis: Principal Component Analysis
  - *Principal component analysis training conducted by Karen Grace-Martin of the Analysis Factor*
- Aug 2019    Security Awareness
  - *UTK IT training on general security awareness*
- Oct 2018    Introduction to Statistical Concepts
  - *SAS training on using the software to perform basic statistical analysis*
- Oct 2018    FERPA Basics
  - *University of Tennessee training on FERPA regulations*
- Sept 2018    Title IX Mandatory Reporter Training
  - *University of Tennessee training on Title IX regulations*
- Sept 2018    Institutional Review Board 101
  - *Introductory presentation on the process of submitting IRBs*
- Sept 2018    Introduction to NVivo 12
  - *Introductory course on using NVivo12 for qualitative data-analysis*
- Sept 2018    Data Visualization in NVivo 12
  - *Course on using NVivo12 software for data visualization*
- Aug 2018    Network Analysis for Business Performance
  - *Connected Commons Course on organizational network analysis*
- July 2018    Correlation Analysis 101 – A Farm to Table Overview
  - *QuestionPro training on the basics of correlation analysis*
- July 2018    Mandated Reporters: Recognizing and Reporting Child Abuse and Neglect
  - *Course for educators on knowing the signs of child abuse and neglect*
- May 2018    Social and Behavioral Research
  - *Collaborative Institutional Training Initiative course on research ethics*
- May 2018    Responsible Conduct of Research
  - *Collaborative Institutional Training Initiative course on research responsibilities*
- Apr 2018    Bullying Prevention
  - *Course for educators on knowing the signs and preventing bullying*

- Apr 2018    **Suicide Prevention**  
               - *Course for educators on knowing the signs of depression and preventing suicide*
- Mar 2018    **Enhancing the Learning Environment**  
               - *Course for educators on utilizing technology and hands-on teaching methods*
- Jan 2018    **Preventing and Addressing Discrimination, Harassment and Retaliation**  
               - *Course for educators on discrimination and harassment prevention*
- Oct 2017    **Data Analysis Workshop with R & SPSS Syntax – Intermediate**  
               - *Intermediate course on using R studio and SPSS syntax for data analysis*

### **Professional Memberships**

- Since Apr 2021    **American Psychological Association Member**  
                       - *National organization for psychology based researchers, educators, and other professionals*
- Since Apr 2021    **NASPA Member**  
                       - *National organization for professionals involved in higher education and student affairs*
- Since Apr 2021    **Association for the Assessment of Learning in Higher Education Member**  
                       - *National organization for professionals involved in promoting effective assessment practice in higher education*
- Since Mar 2020    **Golden Key Member**  
                       - *International academic honor society for undergraduate and graduate students*
- Since Mar 2020    **Delta Alpha Pi Member**  
                       - *International academic honor society for students with disabilities*
- Since Nov 2019    **Data Visualization Society Member**  
                       - *National interdisciplinary professional organization on data visualization*
- Since Nov 2019    **Phi Kappa Phi Member**  
                       - *National interdisciplinary academic honor society*
- Since Sept 2018    **National Council on Measurement in Education Member**  
                       - *National organization for professionals involved in educational assessment, evaluation, and testing*
- Since Apr 2018    **Psi Chi Member**  
                       - *International academic honor society in Psychology*
- Since Mar 2015    **National Society of Collegiate Scholars Member**  
                       - *National academic honor society for undergraduate students*
- Since June 2013    **Virginia Boys' State Delegate**  
                       - *American Legion Boys State summer leadership and citizenship educational program on government instruction for U.S. high school students*

### **Honors & Awards**

|           |   |
|-----------|---|
| 2020      | Graduate Student Leadership & Service Excellence Award – University of Tennessee Educational Psychology and Counseling Department (\$500) |
| 2019      | First Place in the A-μ-sing Competition held by the Consortium for the Advancement of Undergraduate Statistics Education (\$100)          |
| 2018-2022 | University of Tennessee Four Year Graduate School Fellowship (\$16,000)   |

## Professional Service

### University Service

|            |  |
|------------|--|
| Aug 2019 – | University of Tennessee Graduate Student Senate  |
| May 2021   | President (May 2020 - May 2021)  |
|            | - <i>Served as the Graduate Student Senate President for the graduate and professional student body</i>  |
|            | <u>Committee Membership</u>  |
|            | - Commission for Disability  |
|            | - Global Vision Steering Committee   |
|            | - Graduate Council   |
|            | - Graduate Student Termination Appeals Hearing Committee   |
|            | - Graduate and Professional Student Professional Development Committee   |
|            | - Programming Student Advisory Board   |
|            | - Orientation Planning Committee   |
|            | - Title IX Action Collaborative  |
|            | - Title IX New Regulations Implementation Team   |
|            | - University Leadership Council  |
|            | - UTK Big Orange Pantry  |
|            | Legislative Steering Chair (Aug 2019-May 2020)   |
|            | - <i>Served as a Graduate Student Senate representative for the Educational Psychology and Counseling department and chair of the Legislative Steering Committee</i> |
| Aug 2019 – | EPC Department Student Representative  |
| May 2021   | - <i>Served as a representative for the Evaluation, Statistics, and Methodology program in Educational Psychology and Counseling student representative meetings</i> |

### Scholarly Service

|          |  |
|----------|--|
| Mar 2020 | Conference Submission Reviewer   |
|          | - <i>Served as a conference submission reviewer for the Association for Assessment of Learning in Higher Education 2020 conference</i> |

## Certifications & Skills

### Certifications in

- |  |                            |
|--|----------------------------|
| - Microsoft (Windows 10, Word, Excel, PowerPoint, and Outlook) | - SAS                      |
| - R Studio   | - Google Docs              |
|  | - CITI IRB-HSR and IRB-SBS |

### Proficient in

- |                       |                  |
|-----------------------|------------------|
| - Microsoft Publisher | - SAS Enterprise |
| - iMedRIS             | - IBM-SPSS       |

\*Accepted but not presented due to COVID-19 pandemic

- iThenticate
- Magenta Forms Designer
- Remark OMR
- SurveyMonkey
- CyberLink WaveEditor 2
- CyberLink PowerDirector 16
- Winsteps
- End Note
- Mendeley Reference Manager
- NVivo 12
- Gephi
- WordPress

## **Relevant Coursework**

### **Evaluation**

- Advanced Seminar in Evaluation
- Educational Research Methods
- Program Evaluation I and II

### **Statistics**

- Item Response Theory
- Multilevel Modeling
- Research Methods and Data Analysis I and II
- Statistics for Research I and II
- Statistics in Applied Fields I, II, and III
- Statistics for Biologists

### **Measurement**

- Advanced Educational Measurement
- Classroom Measurement
- Survey Research
- Introduction to Qualitative Research in Education

### **Other**

- Applied Linear Algebra
- Calculus III
- Graduate Statistics Virtual Course Development
- Research in Psychology
- Teaching Methods for Undergrad Teaching Assistants
- Teaching Practicum – Program evaluation I and II
- Teaching Practicum – Statistics in Applied Fields II and III
- Teaching Practicum – Classroom Measurement