
Kaylee Litson, Ph.D.

Incoming Assistant Professor, University of Houston

Pronouns: they/them/she/her

Contact Information :

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📧  Kaylee-Litson

🎓 https://scholar.google.com/citations?user=2Te_TMEEAAAJ&hl=en

Education

- 2019, June **Ph.D. in Quantitative Psychology**, Utah State University (USU), Logan, UT
Dissertation: A Structural Equation Modeling Approach Combining Multitrait-Multimethod Designs with Moderated Mediation Analysis
Committee: Christian Geiser, Jamison Fargo, Ginger Lockhart, Thomas Ledermann, Elizabeth Fauth
- 2012, December **B.S. in Psychology**, Utah Tech University (UTU), St. George, UT
Honors: Summa Cum Laude, Valedictorian

Professional Positions

- 2023 – current **Assistant Professor**, Department of Psychology, University of Houston, Houston, TX
- 2020 – 2023 **Postdoctoral Research Fellow**, Department of Instructional Technology and Learning Sciences, USU, Logan, UT
Mentor: David F. Feldon
- 2019 – 2020 **Postdoctoral Fellow**, Department of Epidemiology and Biostatistics, Temple University, Philadelphia, PA
Mentor: Donna L. Coffman
- 2018 – 2019 **Graduate Research Assistant**, Department of Instructional Technology and Learning Sciences, USU, Logan, UT
Mentor: David F. Feldon
- 2016 – 2018 **Instructor**, Department of Psychology, USU, Logan, UT
- 2013 – 2017 **Presidential Doctoral Research Fellow**, Department of Psychology, USU, Logan, UT. Advisor: Christian Geiser

Research Interests

As an interdisciplinary quantitative psychologist with expertise in multimethod longitudinal statistical methods, I construct and apply statistical and theoretical methods relevant for evaluating psychological, educational, and health constructs across situations and methods. My research interests include:

- Multitrait-multimethod analysis
- Latent state-trait theory
- Latent interaction effects
- Longitudinal data analysis
- Statistical model fit indices
- Equity in education and health
- Finite mixture modeling
- Cognitive load

Publications

Books

Peugh, J. L., & **Litson, K.** (expected release 2023). *Monte Carlo Power Analysis Using Mplus and R*. Guilford Press.

Peer Reviewed Journal Articles

Peugh, J. L., **Litson, K.**, & Feldon, D. F. (in press). Equivalence testing to judge model fit: A Monte Carlo simulation. *Psychological Methods*. Preprint available at <https://psyarxiv.com/yf3qz/>

Feldon, D. F., **Litson, K.**, Cahoon, B., Tofel-Grehl, C., Walker, A., & Zhang, F. (2023). The predictive validity of the GRE across graduate outcomes: A meta-analysis of trends over time. *The Journal of Higher Education*.

Coffman, D. L., Dziak, J. J., **Litson, K.**, Chakraborti, Y., Piper, M. E., & Li, R. (2023). A causal approach to functional mediation analysis with application to a smoking cessation intervention. *Multivariate Behavioral Research*. <https://doi.org/10.1080/00273171.2022.2149449>

Blaney, J., Feldon, D. F. & **Litson, K.** (2022). Student and advisor gender identity in STEM doctoral programs: Examining longitudinal and mediating effects with latent growth models. *Journal of Research in Science Teaching*, 59, 1416-1446. <https://doi.org/10.1002/tea.21761>. **1 citation**

Domenech Rodríguez, M. M., Reveles, A. K., **Litson, K.**, Patterson, C. A., & Vázquez, A. L. (2022). Development of the awareness, skills, knowledge: general (ASK-G) scale for measuring cultural competence in the general population. *PLOS One*. Current version archived on Open Science Framework. <https://doi.org/10.17605/OSF.IO/H5UEB>. **5 citations**

Zhang, F., **Litson, K.**, & Feldon, D. F. (2022). Social predictors of mental health and well-being among doctoral students. *PLOS One*. Current version archived on Open Science Framework. <https://doi.org/10.17605/OSF.IO/P7VJE>

Feldon, D., & **Litson, K.** (2021). Modeling theories and theorizing models: An attempted replication of Miller-Cotto & Byrnes' (2019) comparison of working memory models using ECLS-K data. *Educational Psychology Review*, 33, 1907-1934. <https://doi.org/10.1007/s10648-021-09596-8>. **7 citations**

Litson, K., Blaney, J., & Feldon, D. (2021). Understanding the transient nature of doctoral students' research self-efficacy across time: Considering the role of gender, race, and first-generation college status. *Frontiers in Psychology: Educational Psychology*, 12, 28. <https://doi.org/10.3389/fpsyg.2021.617060>. **9 citations**

Olson, K. J., Huffman, A. H., & **Litson, K.** (2020). The relationship between mentor support experiences and STEM graduate student career optimism. *Career Development International*, 26(1), 44-64. <https://doi.org/10.1108/CDI-07-2019-0171>. **8 citations**

- Jeong, S., **Litson, K.**, Blaney, J., & Feldon, D. F. (2020). Shifting gears: Characteristics and consequences of latent class transitions in doctoral socialization. *Research in Higher Education, 60*, 1027-1053. <https://doi.org/10.1007/s11162-019-09583-7>. **7 citations**
- Litson, K.**, Thornhill, C., Geiser, C., Burns, G. L., & Servera, M. (2019). Applying and interpreting mixture distribution latent state-trait models. *Structural Equation Modeling: A Multidisciplinary Journal, 26*(6), 931-947. <https://doi.org/10.1080/10705511.2019.1575741>. **4 citations**
- Feldon, D. F.*, **Litson, K.***, Jeong, S., Blaney, J., Kang, J., Miller, C., Griffin, K., & Roksa, J. (2019). Postdocs' lab engagement predicts trajectories of Ph.D. students' skill development. *Proceedings of the National Academy of Sciences, 116*(42), 20910-6. <https://doi.org/10.1073/pnas.1912488116>. **53 citations**
- * these authors contributed equally to this publication
- Seijas, R., Servera, M., García-Banda, G., Burns, G. L., Preszler, J., Barry, C. T., **Litson, K.**, & Geiser, C. (2019). Consistency of limited prosocial emotions across occasions, sources, and settings: Trait- or state-like construct in a young community sample? *Journal of Abnormal Child Psychology, 47*(1), 47-58. <https://doi.org/10.1007/s10802-018-0415-9>. **12 citations**
- Preszler, J., Burns, G. L., **Litson, K.**, Geiser, C., Servera, M., & Becker, S. P. (2019). How consistent is sluggish cognitive tempo across occasions, sources, and settings? Evidence from latent state-trait modeling. *Assessment, 26*(1), 99-110. <https://doi.org/10.1177/1073191116686178>. **26 citations**
- Litson, K.**, Geiser, C., Burns, G. L., & Servera, M. (2018). Trait and state variance in multi-informant assessments of ADHD and academic impairment in first-grade children. *Journal of Clinical Child and Adolescent Psychology, 47*(5), 699-712. <https://doi.org/10.1080/15374416.2015.1118693>. **21 citations**
- Preszler, J., Burns, G. L., **Litson, K.**, Geiser, C., & Servera, M. (2017). Trait and state variance in oppositional defiant disorder symptoms: A multi-source investigation with Spanish children. *Psychological Assessment, 29*, 135-147. <https://doi.org/10.1037/pas0000313>. **19 citations**
- Litson, K.**, Geiser, C., Burns, G. L., & Servera, M. (2017). Examining trait × method interactions using mixture distribution multitrait-multimethod models. *Structural Equation Modeling: A Multidisciplinary Journal, 24*(1), 31-51. <https://doi.org/10.1080/10705511.2016.1238307>. **11 citations**
- Papa, L., **Litson, K.**, Lockhart, G., Chassin, L., & Geiser, C. (2015). Analyzing statistical mediation with multiple informants: A new approach with an application in clinical psychology. *Frontiers in Psychology: Psychology for Clinical Settings, 6*, 1674. <https://doi.org/10.3389/fpsyg.2015.01674>. **12 citations**
- Geiser, C., **Litson, K.**, Bishop, J., Keller, B. T., Burns, G. L., Servera, M., & Shiffman, S. (2015). Analyzing person, situation, and person × situation interaction effects: Latent state-trait models for the combination of random and fixed situations. *Psychological Methods, 20*(2), 165-192. <https://doi.org/10.1037/met0000026>. **50 citations**

Journal Articles in Submission

Feldon, D. F., West, R., & **Litson, K.** (accepted for publication). Direct effects of cognitive load on self-efficacy during instruction. *Journal of Educational Psychology*.

Litson, K. (revise and resubmit). Multimethod moderated mediation: An introduction and Monte Carlo simulation study. *Psychological Methods*.

Litson, K., Montoya, A. K., & Wang, Y. (abstract accepted, in preparation). Comparing different approaches to examine multiple binary moderators in latent variable models. *Behavioral Research Methods*.

Blaney, J. M., Feldon, D. F., & **Litson, K.** (in review). Addressing the computer science faculty shortage by building upward transfer pathways to PhDs: Exploring predictors of PhD interest and variation by gender. *Studies in Graduate and Postdoctoral Education*.

Rague, J. M., Feldon, D. F., Zhang, F., & **Litson, K.** (in review). Dynamic Interactions Between Cognitive Load and Self-Efficacy Drive the Use of Self-Regulated Learning Strategies. *Educational Psychology Review*.

Book Chapters

Litson, K., & Feldon, D. F. (2022). Considering comparability and change over time: Measurement invariance as an essential consideration in theory development and testing. In J. Huisman & M. Tight (Eds.). *Theory and Method in Higher Education Vol. 7* (pp. 93-111). Emerald Publishing Limited.

CRAN R Packages

Dziak, J. J., Coffman, D. L., **Litson, K.**, Chakraborti, Y. & Li, R. (2021). funmediation: Functional Mediation for a Distal Outcome. URL: <https://cran.r-project.org/web/packages/funmediation/index.html>. R package version 1.0.1

Dziak, J. J., Coffman, D. L., Li, R., **Litson, K.**, & Chakraborti, Y. (2021). TVEM. URL: <https://cran.r-project.org/web/packages/tvem/index.html>. R package version 1.2-0

Research Support**Current Support**

2022 - 2025

Exploring Computational Thinking: Applying Psychometric Analysis to Assess Relationships with Primary Cognitive Abilities and Malleability (R305A220116; PI Feldon)

Role: Co-PI

Institute of Education Sciences: US\$1,699,756

Location of Project: USU, Logan, UT

Past Support

2017 – 2020 **“Safe Passages”: Development and Application of a Cultural Competence Training Program**
Role: Co-Investigator
USU Long-Term Diversity Grant: US\$15,000
Location of Project: USU, Logan, UT
Funds used to develop & administer cultural competence trainings at USU.

Contracts

March 2023 **Gentrification Measure Validation**
Role: Contracted Data Analyst
University of Miami: US\$6,250
Work included evaluation of missingness, univariate and multivariate mixture distribution modeling, and predictive analyses.

Funded Research Appointments

Current Appointments

2020 - 2025 **Collaborative Research: Impacts of Hard/Soft Skills on STEM Workforce Trajectories (DGE 1956114; PI Feldon)**
Role: Postdoctoral Research Associate
National Science Foundation
Location of Project: USU, Logan, Utah

2020 – 2023 **Community College to PhD: Developing Graduate Aspirations among Upward Transfer Students in Computing and Technology (DGE 1953525; PI Blaney, Co-PI Feldon)**
Role: Postdoctoral Research Associate
National Science Foundation
Location of Project: Northern Arizona University, Flagstaff, AZ

Past Appointments

2018 – 2022 **Trajectories into Early Career Research (DGE 1760894; PI Feldon)**
Role: Postdoctoral Research Associate
National Science Foundation
Location of Project: USU, Logan, UT

2019 – 2020 **Developing Methodology to examine Causal Mediation of Time-Varying Effects in Smoking Cessation Treatments (NIH 5R01CA229542-02; PI Coffman)**
Role: Postdoctoral Research Fellow
National Institutes of Health
Location of Project: Temple University, Philadelphia, PA

Workshops

Feldon, D. F., & **Litson, K.** (2023). Professional Development and Training Series: Access to and Use of the Trajectories into Early Career Research Data Set: An 8-Year Longitudinal Mixed Methods Data Set of Biological Sciences Ph.D. Students. The 2023 American Educational Research Association Annual Meeting [online].

Invited Talks

Litson, K. (2022, May). Early Career Spotlight: Increasing Diversity in the Quant Pipeline [Invited Symposium]. The 2022 Association for Psychological Sciences (APS) Convention, Chicago, IL.

Scholarly Presentations

Feldon, D. F., **Litson, K.**, Fields, D., & Clark, H. (2023). *A new mixed method approach to modeling longitudinal change from interview data*. Paper accepted for presentation at the 48th Annual Association for the Study of Higher Education, Minneapolis, MN.

Cahoon, B., Feldon, D. F., & **Litson, K.** (2023) Critiques of the GRE: Discourse following the publication of a meta-analysis. Paper accepted for presentation at the 48th Annual Association for the Study of Higher Education, Minneapolis, MN.

Litson, K., Zhang, F., & Feldon, D. F. (2023, April). *Socialization impacts self-report research skill accuracy in comparison to performance-based research skill assessment*. Paper presented at the 2023 Annual Meeting of the American Educational Research Association, Chicago, IL.

Feldon, D. F., & **Litson, K.** (2023, April). *Timing makes a difference: Differential influences of doctoral experiences on postdoctoral career attainment as a function of year in program*. Paper accepted for presentation at the 2023 Annual Meeting of the American Educational Research Association, Chicago, IL.

Blaney, J. M., Feldon, D. F., & **Litson, K.** (2023, April). *Predicting PhD interest among upward transfer STEM students: Gender, campus involvement, and exposure to industry*. Paper accepted for presentation at the 2023 Annual Meeting of the American Educational Research Association, Chicago, IL.

Litson, K. & Feldon, D. F. (2022, December). *Different processes unfold among different facets of cognitive load and motivation over time*. Paper presented at the 14th International Cognitive Load Theory Conference, Santiago, Chile.

Zhang, F., **Litson, K.**, & Feldon, D. F. (2022, December). *Evaluating relationships among cognitive load and motivation over time*. Paper presented at the 14th International Cognitive Load Theory Conference, Santiago, Chile.

Feldon, D. F. & **Litson, K.** (2022, November). *“Soft Skills” Profiles of Ph.D. Graduates across Disciplines*. Paper presented at the 47th Annual Association for the Study of Higher Education, Las Vegas, NV.

Litson, K., West, R. B., Cahoon, B. & Feldon, D. F. (2022, April). *The time-dependent impact of research self-efficacy, value, and hours on research career goals*. Paper presented at the 2022 Annual Meeting of the American Educational Research Association, San Diego, CA.

- Zhang, F., **Litson, K.**, & Feldon, D. F. (2022, April). *Publishing (in)consistently as a doctoral student: Difference in publication as a function of mentorship*. Paper presented at the 2022 Annual Meeting of the American Educational Research Association, San Diego, CA.
- Feldon, D. F., & **Litson, K.** (2022, April). *Quantified "member checking" as an assessment of item-level validity*. Paper presented at the 2022 Annual Meeting of the American Educational Research Association, San Diego, CA.
- Chakraborti, Y., Coffman, D., **Litson, K.**, & Piper, M. (2022, March). *Using mixture models to identify smoking cessation profiles based on self-efficacy, positive expectancy, motivation, and cessation fatigue: An exploratory latent profile and latent transition analysis*. Paper presented at the 2022 Annual Meeting of the Society for Nicotine and Tobacco Research, Baltimore, MD.
- Litson, K.**, & Feldon, D. F. (2021, November). *Comparability and change: Measurement invariance as an essential consideration in theory development and testing*. Roundtable paper presented at the 46th Annual Association for the Study of Higher Education, San Juan, PR.
- Feldon, D. F., **Litson, K.**, & Cahoon, B. (2021, November). *The predictive validity of the GRE across graduate outcomes: A meta-analysis of trends over time*. Paper presented at the 46th Annual Association for the Study of Higher Education, San Juan, PR.
- Litson, K.**, Jeong, S., Feldon, D. F. (2021, September). *Measurement invariance of cognitive load across time and instructional conditions*. Paper presented at the 13th International Cognitive Load Theory Conference, Kingston, Ontario, Canada.
- West, R., **Litson, K.**, Feldon, D. F. (2021, September). *Direct effects of cognitive load on self-efficacy over time*. Paper presented at the 13th International Cognitive Load Theory Conference, Kingston, Ontario, Canada.
- Lawler, M. J., Plummer, K., **Litson, K.**, Feldon, D. F., & Jeong, S. (2021, August). *Decision-based learning in conceptual Newtonian mechanics*. Paper presented at the virtual summer meeting of the American Association of Physics Teachers (AAPT) [online].
- Litson, K.**, & Feldon, D. F. (2021, April). *The impacts and outcomes of doctoral mentorship over time*. Paper presented at the 2021 Annual Meeting of the American Educational Research Association [online].
- Zhang, F., Wofford, A. M., **Litson, K.**, Blaney, J. M., & Feldon, D. F. (2021, April). *To compete or collaborate: Effects of gendered values on STEM doctoral students' sense of belonging*. Paper presented at the 2021 Annual Meeting of the American Educational Research Association [online].
- Litson, K.**, & Feldon, D. F. (2020, November). *Measuring doctoral mentorship: A moving target*. Paper presented at the 45th Annual Association for the Study of Higher Education [online].
- Zhang, F., **Litson, K.**, & Feldon, D. F. (2020, November). *Social predictors of mental health of graduate students*. Paper presented at the 45th Annual Association for the Study of Higher Education [online].

- Feldon, D. F., **Litson, K.**, & Blaney, J. (2020, April). *Contribution versus recognition: The tenuous role of postdocs in Ph.D. training*. [Symposium]. American Educational Research Association Annual Meeting, San Francisco, CA, <http://tinyurl.com/vzneds> (Conference Canceled).
- Litson, K.**, & Feldon, D. F. (2019, November). *Divergent patterns of doctoral student skill development across time*. Paper presented at the 44th Annual Association for the Study of Higher Education Conference, Portland, OR.
- Blaney, J., **Litson, K.**, & Feldon, D. F. (2019, November). *Deconstructing the role of advisor gender in developing STEM students: A longitudinal study of doctoral students in biology*. Paper presented at the 44th Annual Association for the Study of Higher Education Conference, Portland, OR.
- Litson, K.**, & Feldon, D. F. (2019, August). *Controlling for state variability in performance-based measures of Ph.D. research skill development*. Poster presented in the Division 15 (Educational Psychology) program at the 2019 Annual Convention of the American Psychological Association, Chicago, IL.
- Litson, K.**, Blaney, J., & Feldon, D. F. (2019, April). *Identifying critical points for research self-efficacy stability: Considering the experiences of underrepresented minority, women, and first-generation doctoral students over time*. Roundtable paper presented at the 2019 Annual Meeting of the American Educational Research Association, Toronto, Ontario, Canada.
- Jeong, S., **Litson, K.**, & Feldon, D. F. (2019, April). *Role of doctoral training environments in scholarly productivity: Moderation from sense of belonging and research self-efficacy*. Paper presented at the 2019 Annual Meeting of the American Educational Research Association, Toronto, Ontario, Canada.
- Speed, E., **Litson, K.**, Covington, B., Nield, T., Henrie, T., & Jordan, K. (2019, April). *Automaticity of place value processing in dual language immersion second graders*. Poster presented at the Rocky Mountain Psychological Association, Denver, CO.
- Jeong, S., Blaney, J., Feldon, D. F., & **Litson, K.** (2018, November). *Profiling students' faculty and peer interactions during the first three years of doctoral study: Associations with student demographics, sense of belonging, and research productivity*. Paper presented at the 43rd Annual Meeting of the Association for the Study of Higher Education, Tampa, FL.
- Domenech-Rodríguez, M. M., Reveles, A. K., & **Litson, K.** (2018, October). *Development of a measure to assess cultural competence in the general population*. Poster presented at the biennial conference of the National Latina/o Psychological Association. La Jolla, CA.
- Litson, K.**, Geiser, C., & Burns, G. L. (2017, May). *Multimethod moderated mediation analysis using a categorical multigroup design*. Paper presented at the 2017 Modern Modeling Methods Conference, Storrs, CT.
- Litson, K.**, Geiser, C., Burns, G. L., & Servera, M. (2016, July). *A multitrait-multimethod factor mixture model to assess trait × method interactions*. Poster presented at the 81st International Meeting of the Psychometric Society, Asheville, NC.

- Preszler, J., Burns, G. L., **Litson, K.**, Geiser, C., & Servera, M. (2016, August). *Trait and state variance in oppositional defiant disorder symptoms: A multi-source investigation with Spanish children*. Paper presented at the 124th Annual Convention of the American Psychological Association, Denver, CO.
- Litson, K.**, & Geiser, C. (2015, April). *Using mixture distribution multitrait-multimethod analysis to assess trait × method interaction effects: An application in ADHD research*. Paper presented at the 2015 USU Student Research Symposium, Logan, UT.
- Geiser, C., **Litson, K.**, Bishop, J., & Burns, G. L. (2014, July). *Latent state-trait models for a combination of random and fixed situations*. Paper presented at the 79th International Meeting of the Psychometric Society, Madison, WI.
- Litson, K.**, Papa, L., Geiser, C., Lockhart, G., & Eid, M. (2014, July). *Mediation analysis using multimethod designs with structurally different and interchangeable methods: An application in personality psychology*. Paper presented at the 79th International Meeting of the Psychometric Society, Madison, WI.
- Litson, K.**, Geiser, C., Burns, G. L., & Servera, M. (2014, May). *An extended multimethod latent state-trait approach to assess consistency, occasion-specificity, and method effects of ADHD inattention, hyperactivity, and academic impairment*. Poster presented at the 2014 Modern Modeling Methods Conference, Storrs, CT.
- Papa, L. A., **Litson, K.**, Geiser, C., & Lockhart, G. (2014, May). *A proposed model for mediation analysis with structurally different raters*. Poster presented at the 22nd Annual Meeting of the Society for Prevention Research, Washington, D.C.
- Olson, K. J., Larsen-Rife, D., **Litson, K.**, Fossand, S., Mokiao, A., Oliver, D., & Abdollah, H. (2013, August). *The mediating effect of multicultural programming on diversity climate*. Poster presented in the Division 14 (I/O Psychology) program at the 121st Annual Convention of the American Psychological Association, Honolulu, HI.
- Litson, K.**, & Jones, J. (2013, April). *Increased levels of self-compassion correlates with reduced levels of aggression*. Paper presented at the 82nd Annual Convention of the Rocky Mountain Psychological Association, Denver, CO.
- Litson, K.**, & Larsen-Rife, D. (2012, April). *The effects of mindful awareness practices on affect regulation*. Poster presented at the 26th National Conference on Undergraduate Research, Ogden, UT.

Teaching Experience

Courses Taught

Fall 2018, Summer 2018	PSY 5330/PSY 6330 (online): Principles of Psychological Measurement and Test Theory Instructor, USU <i>Class enrollment: 20, 42</i>
Spring 2018, Fall 2017	PSY 3010: Psychological Statistics Instructor, USU

Class enrollment: 66, 111

Spring 2017 (3 lab sections) **PSY 3460: Neuroscience I Lab**
 Lab Instructor/Teaching Assistant, USU
 Lab enrollment: 15, 11, 12

Fall 2016 (4 lab sections) **PSY 3010: Psychological Statistics Lab**
 Teaching Assistant/ Lab Instructor, USU
 Lab enrollment: 15, 19, 17, 14

Fall 2014, 2015, 2016 **USU 1010: University Connections**
 Instructor, USU
 Class enrollment: 29, 23, 27

Other Teaching Experience

Fall 2021 **Pro-Seminar in Instructional Technology: Ethics in Measurement**
 Guest Instructor, ITLS 7000, USU

Fall 2020 **Introduction to Cleaning, Manipulating, and Analyzing Data in R**
 Developed for Feldon Lab, USU

July 2015 **Psychological Statistics: Correlation, Regression, & Chi-Square Analysis**
 Guest Lecturer, PSY 3010, USU

2011 – 2013 **Psychology, Mathematics, and Statistics**
 Public Tutor, UTU

2008 – 2013 **Introductory Mathematics, Algebra, Geometry, Trigonometry, Calculus, & Statistics**
 Private Tutor, Washington, UT

Community & Professional Service

2023 **Invited Guest Academic Editor**, PLOS ONE
 2022 – current **Committee Member**, AERA Division D Dissertation Award Committee
 2022 **Reviewer**, Graduate Research & Creative Opportunities Grant, USU, Logan, UT.
 2020 **Hiring Committee Member**, ITLS Postdoc Position, USU, Logan, UT
 2017 – 2019 **Co-Founder & Student Leader**, Safe Passages 4 U, USU, Logan, UT
Description: Program designed to increase self-awareness, knowledge, and skills about cultural competence. <https://osf.io/zh5t2/>
 2016 – 2019 **LGBTQA Mentor**, Access & Diversity Center, USU, Logan, UT
 2016 – 2017 **Co-Organizer and Committee Member**, Logan Pride, Logan, UT
 2016 – 2017 **Outreach Presenter**, Advancing Civility Interventions, Logan, UT
<https://osf.io/p2a6s/>
 2015 **Student Representative**, Hiring Committee, USU Psychology, Logan, UT

2011 – 2012 **President**, Psychology Club, UTU, St. George, UT
 2012 **Founder & Committee Member**, Passport to College, UTU, St. George, UT
Description: After school program designed to help low SES elementary students develop skills to succeed in high school and college.

Honors & Awards

2021 **Outstanding Paper Award** for *Shifting gears: Characteristics and consequences of latent class transitions in doctoral socialization*, AERA Graduate and Post-Doctoral Education SIG 168
 2015 **Honorable Mention**, National Science Foundation Graduate Research Fellowship Program (NSF GRFP)
 2013-2017 **Presidential Doctoral Research Fellow**, Department of Psychology, USU
 2013 **Valedictorian**, College of Humanities & Social Sciences, UTU
 2013 **Outstanding Research Award**, Rocky Mountain Psychological Association
 2012 **Student of the Semester in Psychology**, UTU
 2012 **Student of the Year in Psychology**, UTU
 2010 – 2012 **Utah New Century Scholarship**, UTU
 2010 – 2012 **Chancellor Academic Scholarship**, UTU

Professional Development

2019 Responsible Conduct of Research CITI Training
 2018 Safe Passages 4 U Leader Training
 2016 Getting Started as a Successful Proposal Writer and Academician
 2016 Advancing Civility Interventions Trainer Training
 2016 Love Your Data Workshop: Learn to create a data management plan.
 2015 Interfaith Initiative Training
 2015 Effect Size & Power Analysis using G*Power Workshop
 2014 LGBTQ+ Allies Training
 2014 Research Scholars Certification Program
 2012 Bacchus Gamma Certified Peer Educator Workshop

Ad Hoc Journal Reviewer

- PLOS ONE
- SAGE Open
- European Journal of Psychological Assessment
- Assessment
- Journal of Personality Assessment
- Journal of the Royal Statistical Society
- CBE—Life Sciences Education
- Frontiers in Psychology
- AERA Open

- Instructional Science

Statistical Skills & Software Expertise

- *Mplus* (SEM, mixture distribution models, mediation, moderation, Monte Carlo simulation)
- R (data management, data analysis, graphics & figures, function development)
- SPSS (data management, descriptive statistics, introductory statistical analysis)
- Large-scale latent variable analysis using R & *Mplus* via MplusAutomation