

**ALEXANDER P. BURGOYNE, Ph.D.***School of Psychology, Georgia Institute of Technology**1080 W Peachtree Street NW, Apt 1208, Atlanta, GA 30309**burgoyne4@gmail.com | (248) 763-7695 | www.ScienceofExpertise.com/alex*

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**EMPLOYMENT**

- 2021 – Present      Research Scientist II  
Attention & Working Memory Lab  
Georgia Institute of Technology, School of Psychology  
Principal Investigator: Randy Engle, Ph.D.
- 2020 – 2021        Post-Doctoral Research Fellow  
Attention & Working Memory Lab  
Georgia Institute of Technology, School of Psychology  
Principal Investigator: Randy Engle, Ph.D.

**EDUCATION**

- 2019                Doctor of Philosophy  
Cognition and Cognitive Neuroscience  
Michigan State University, Department of Psychology  
Advisor: D. Zach Hambrick, Ph.D.
- 2018                Master's Degree  
Cognition and Cognitive Neuroscience  
Michigan State University, Department of Psychology  
Advisor: D. Zach Hambrick, Ph.D.
- 2014                Bachelor of Arts in Psychology, graduated with honor  
Michigan State University, College of Social Science

## SUBMITTED ARTICLES

**Burgoyne, A. P.**, Mashburn, C. A., Tsukahara, J. S., & Engle, R. W. (under review). Nature and measurement of attention control. *Journal of Experimental Psychology: General*.

Hambrick, D. Z., **Burgoyne, A. P.**, & Oswald, F. L. (under review). Does the validity of  $g$  as a predictor of job-specific performance vary with job experience? A test in 31 military occupations. *Journal of Applied Psychology*.

**Burgoyne, A. P.**, Hambrick, D. Z., Stec, K., & Fenn, K. M. (under review). The ACT predicts academic performance, but why? *Journal of Intelligence*.

Hambrick, D. Z., **Burgoyne, A. P.**, & Katsumata, D. S. (under review). Accelerating the acquisition of expertise. *Journal of Expertise*.

## JOURNAL ARTICLES

Macnamara, B. N. & **Burgoyne, A. P.** (in press). Do Growth Mindset Interventions Impact Students' Academic Achievement? A Systematic Review and Meta-Analysis With Recommendations for Best Practices. *Psychological Bulletin*.

**Burgoyne, A. P.**, Sadiya, S., Harris, L. J., Becker, M. W., Brascamp, J. W., & Hambrick, D. Z. (in press). Revisiting the self-generation effect in proofreading. *Psychological Research*. <https://doi.org/10.1007/s00426-022-01699-3>

**Burgoyne, A. P.**, Mashburn, C. A., Tsukahara, J. S., & Engle, R. W. (2022). Attention control and process overlap theory: Searching for cognitive processes underpinning the positive manifold. *Intelligence*, 9, 101629. DOI: 10.1016/j.intell.2022.101629

**Burgoyne, A. P.**, Mashburn, C. A., Tsukahara, J. S., Hambrick, D. Z., & Engle, R. W. (2021). Understanding the relationship between rationality and intelligence: A latent-variable approach. *Thinking and Reasoning*. DOI: 10.1080/13546783.2021.2008003

Johnson, T. L., **Burgoyne, A. P.**, Mix, K. S., Young, C. J., & Levine, S. C. (2021). Spatial and mathematics skills: Similarities and differences related to age, SES, and gender. *Cognition*, 218. DOI: 10.1016/j.cognition.2021.104918

- Burgoyne, A. P., Mashburn, C. A., & Engle, R. W. (2021).** Reducing adverse impact in high-stakes testing. *Intelligence, 87*, 101561. DOI: 10.1016/j.intell.2021.101561
- Burgoyne, A. P. & Macnamara, B. N. (2021).** Reconsidering the use of the mindset assessment profile in educational contexts. *Journal of Intelligence, 9*, 39. DOI: 10.3390/jintelligence9030039
- Burgoyne, A. P. & Engle, R. W. (2020).** Attention control: A cornerstone of higher-order cognition. *Current Directions in Psychological Science, 29*, 624-630. DOI: 10.1177/0963721420969371
- Burgoyne, A. P., Carroll, S., Clark, D. A., Hambrick, D. Z., Plaisance K. S., Klump, K. L., & Burt, S. A. (2020).** Can a brief intervention alter genetic and environmental influences on psychological traits? An experimental behavioral genetics approach. *Learning & Motivation, 72*. DOI: 10.1016/j.lmot.2020.101683
- Burgoyne, A. P., Tsukahara, J. S., Draheim, C., & Engle, R. W. (2020).** Differential and experimental approaches to studying intelligence in humans and non-human animals. *Learning & Motivation, 72*. DOI: 10.1016/j.lmot.2020.101689
- Burgoyne, A. P., Hambrick, D. Z., & Altmann, E. M. (2020).** Incremental validity of placekeeping as a predictor of multitasking. *Psychological Research*. DOI: 10.1007/s00426-020-01348-7
- Burgoyne, A. P., Hambrick, D. Z., & Macnamara, B. N. (2020).** How firm are the foundations of mindset theory? The claims appear stronger than the evidence. *Psychological Science, 31*, 258-267. DOI: 10.1177/0956797619897588
- Burgoyne, A. P., Hambrick, D. Z., & Altmann, E. M. (2019).** Placekeeping ability as a component of fluid intelligence: Not just working memory capacity. *American Journal of Psychology, 132*, 439-449. DOI: 10.5406/amerjpsyc.132.4.0439
- Burgoyne, A. P., Harris, L. J., & Hambrick, D. Z. (2019).** Predicting skill acquisition in music: The role of general intelligence, music aptitude, and mindset. *Intelligence, 76*. DOI: 10.1016/j.intell.2019.101383
- Burgoyne, A. P., Hambrick, D. Z., & Altmann, E. M. (2019).** Is working memory a causal factor in fluid intelligence? *Psychonomic Bulletin & Review, 26*, 1333-1339. DOI: 10.3758/s13423-019-01606-9

- Burgoyne, A. P.**, Nye, C. D., Macnamara, B. N., Charness, N., & Hambrick, D. Z. (2019). The impact of domain-specific experience on chess skill: Re-analysis of a key study. *American Journal of Psychology*, *132*, 27-38. DOI: 10.5406/amerjpsyc.132.1.0027
- Burgoyne, A. P.**, Hambrick, D. Z., Moser, J. S., & Burt, S. A. (2018). Analysis of a mindset intervention. *Journal of Research in Personality*, *77*, 21-30. DOI: 10.1016/j.jrp.2018.09.004
- Mix, K., Hambrick, D. Z., Satyam, V. R., **Burgoyne, A. P.**, & Levine, S. C. (2018). The latent structure of spatial skill: A test of the 2 x 2 typology. *Cognition*, *180*, 268-278. DOI: 10.1016/j.cognition.2018.07.012
- Hambrick, D. Z., Altmann, E., & **Burgoyne, A. P.** (2018). A knowledge-activation approach to testing the circumvention-of-limits hypothesis. *American Journal of Psychology*, *131*, 307-321. DOI: 10.5406/amerjpsyc.132.4.0439
- Sisk, V., **Burgoyne, A. P.**, Sun, J., Butler, J. L., & Macnamara, B. N. (2018). To what extent and under which circumstances are growth mindsets important to academic achievement? Two Meta-analyses. *Psychological Science*, *29*, 549-571. DOI: 10.1177/0956797617739704
- Hambrick, D. Z., **Burgoyne, A. P.**, Macnamara, B. N., & Ullén, F. (2018). Toward a multifactorial model of expertise: Beyond born versus made. *The New York Academy of Sciences*, *1423*, 284-295. DOI: 10.1111/nyas.13586
- Sala, G., **Burgoyne, A. P.**, Macnamara, B. N., Hambrick, D. Z., Campitelli, G., & Gobet, F. (2017). Checking the “academic selection” argument. Chess players outperform non-chess players in cognitive skills related to intelligence: A meta-analysis. *Intelligence*, *61*, 130-139. DOI: 10.1016/j.intell.2017.01.013
- Burgoyne, A. P.**, Sala, G., Gobet, F., Macnamara, B. N., Campitelli, G., & Hambrick, D. Z. (2016). The relationship between cognitive ability and chess skill: A comprehensive meta-analysis. *Intelligence*, *59*, 72-83. DOI: 10.1016/j.intell.2016.08.002

## REVIEWS AND COMMENTARIES

- Burgoyne, A. P.**, Johnson, T. L., Mix, K. S., Young, C. J., & Levine, S. C. (2021). Individual differences in spatial and mathematics skills: Implications for educational and clinical psychology. *Clinical Psychiatry*, *7*, 110.

**Burgoyne, A. P.**, & Engle, R. W. (2020). Mitochondrial functioning and its relation to higher-order cognitive processes: Commentary on Geary (2018). *Journal of Intelligence*, 8, 14. DOI: 10.3390/jintelligence8020014

Hambrick, D. Z., & **Burgoyne, A. P.** (2019). Beyond nature vs. nurture in expertise research – comment on J. Baker and N. Wattie. *Current Issues in Sport Science*, 4, 104. DOI: 10.15203/CISS\_2019.104

## CHAPTERS

**Burgoyne, A. P.**, Martin, J. D., Mashburn, C. A., Tsukahara, J. S., Draheim, C., & Engle, R. W. (in press). "Measuring individual differences in working memory capacity and attention control and their contribution to language comprehension." In J. W. Schwieter & W. Zhisheng (Eds.), *The Cambridge Handbook of Working Memory & Language*. Cambridge, UK: Cambridge University Press.

Mashburn, C. A., **Burgoyne, A. P.**, & Engle, R. W. (in press). "Working Memory, Intelligence, and Life Success: Examining Relations to Academic Achievement, Job Performance, Physical Health, Mortality, and Psychological Well-Being". In R. H. Logie (Ed.), *Memory in Science for Society*.

**Burgoyne, A. P.**, Harris, L. J., & Hambrick, D. Z. (2022). "The origins of musical expertise." In G. McPherson (Ed.), *The Oxford Handbook of Music Performance*. Oxford, UK: Oxford University Press.

Hambrick, D. Z., **Burgoyne, A. P.**, & Araujo, D. (2020). "Working memory and expertise: An ecological perspective." In R. Logie, V. Camos, & N. Cowan (Eds.), *Working Memory: State of the Science (The Oxford Handbook of Working Memory)*. Oxford, UK: Oxford University Press.

Hambrick, D. Z., **Burgoyne, A. P.**, & Altmann, E. M. (2020) "Problem solving and intelligence." In R. J. Sternberg (Ed.), *Thinking and Problem Solving (Handbook of Perception and Cognition)*, Volume 3. Academic Press.

Hambrick, D. Z., **Burgoyne, A. P.**, & Oswald, F. L. (2019) "The role of interests in the development of expertise: A multifactorial perspective." In C. D. Nye & J. Rounds (Eds.), *Vocational Interests in the Workplace: Rethinking Behavior at Work*. Routledge.

Hambrick, D. Z., **Burgoyne, A. P.**, & Oswald, F. L. (2019). "Domain-general models of expertise: The role of cognitive ability." In P. Ward, J. M. Schraagen, J. Gore, & E. Roth (Eds.), *The Oxford Handbook of Expertise*. Oxford, UK: Oxford University Press.

Hambrick, D. Z., **Burgoyne, A. P.**, Campitelli, G., & Macnamara, B. N. (2018). "Working memory, thinking, and expertise." In L. J. Ball & V. A. Thompson (Eds.), *International Handbook of Thinking and Reasoning*. Psychology Press.

Macnamara, B. N., Hambrick, D. Z., Frank, D. J., King, M. J., **Burgoyne, A. P.**, & Meinz, E. J. (2018). "The deliberate practice view: An evaluation of definitions, claims, and empirical evidence." In D. Z. Hambrick, G. Campitelli, & B. N. Macnamara (Eds.), *The Science of Expertise*. Psychology Press.

## POPULAR WRITING

**Burgoyne, A. P.**, & Hambrick, D. Z. (2021, August 31). Sometimes Mindlessness Is Better Than Mindfulness, *Scientific American*. Retrieved from <https://www.scientificamerican.com/article/pupil-size-is-a-marker-of-intelligence/>

Tsukahara, J. T., **Burgoyne, A. P.**, & Engle, R. W. (2021, June 2). Pupil Size Is a Marker of Intelligence, *Scientific American*. Retrieved from <https://www.scientificamerican.com/article/sometimes-mindlessness-is-better-than-mindfulness/>

Hambrick, D. Z. & **Burgoyne, A. P.** (2019, May 29). Looks Matter, but So Do Smarts, *Scientific American*. Retrieved from <https://www.scientificamerican.com/article/looks-matters-but-so-does-smarts/>

**Burgoyne, A. P.** & Hambrick, D. Z. (2017, January 12). Intelligence and the DNA Revolution, *Scientific American*. Retrieved from <https://www.scientificamerican.com/article/intelligence-and-the-dna-revolution/>

**Burgoyne, A. P.** & Hambrick, D. Z. (2017, August 22). Flagging Fake News or Bad Sources Won't Work, *Slate*. Retrieved from [http://www.slate.com/articles/health\\_and\\_science/science/2017/01/educating\\_people\\_about\\_sources\\_won\\_t\\_stop\\_fake\\_news.html](http://www.slate.com/articles/health_and_science/science/2017/01/educating_people_about_sources_won_t_stop_fake_news.html)

Hambrick, D. Z. & **Burgoyne, A. P.** (2016, September 18). The Difference Between Rationality and Intelligence, *New York Times*, p. SR12.

## PRESENTATIONS AND SYMPOSIA

**Burgoyne, A. P.**, Tsukhara, J. S., Mashburn, C.A., & Engle, R. W. (2022, November). *Three-Minute Tests of Attention Control: Reliable and Valid Predictors of Complex Task Performance*. Presentation at the annual conference of the Psychonomic Society, Boston, MA.

**Burgoyne, A. P.** & Engle, R. W. (2022, June). *Attention control measures can improve personnel selection for the U.S. Navy*. Presentation at the Naval Aerospace Medical Institute, Pensacola, FL.

**Burgoyne, A. P.** & Engle, R. W. (2021, June). *Cognitive Underpinnings of Individual Differences in Complex Problem Solving*. Presentation at the annual conference of the Psychonomic Society, New Orleans, LA.

**Burgoyne, A. P.**, Hambrick, D. Z., & Macnamara, B. N. (2019, April). *How Firm Are the Foundations of Mindset Theory?* Presentation at the annual conference of the Midwestern Psychological Association, Chicago, IL.

**Burgoyne, A. P.**, & Hambrick, D. Z. (2018, November). *Placekeeping Ability, Working Memory, and Fluid Intelligence*. Presentation at Rice University's Industrial/Organizational Psychology Department's Brown Bag Series. Houston, TX.

**Burgoyne, A. P.**, Altmann, E. M., & Hambrick, D. Z. (2018, November). *Placekeeping Ability as a Component of Fluid Intelligence*. Poster presented at the annual Psychonomics convention, New Orleans, LA.

Macnamara, B. N. & **Burgoyne, A. P.** (2018, May). *How Important Are Growth Mindsets for Learning and Achievement?* Symposium at the annual convention of the Association for Psychological Science, San Francisco, CA.

**Burgoyne, A. P.**, Hambrick, D. Z., & Harris, L. J. (2018, May). *The Role of Cognitive Ability, Music Aptitude, and Mindset in Acquiring Musical Skill*. Presentation at the annual convention of the Association for Psychological Science, San Francisco, CA.

- Burgoyne, A. P.**, Burt, S. A., Moser, J., Yeager, D., Plaisance, K., & Hambrick, D. Z. (2018, April). *Altering Mindsets with a Brief Online Intervention*. Presentation at the annual conference of the Midwestern Psychological Association, Chicago, IL.
- Burgoyne, A. P.**, Altmann, E. M., & Hambrick, D. Z. (2017, May). *Cognitive Determinants of Multitasking Ability*. Poster presented at the annual convention of the Association for Psychological Science, Boston, MA.
- Burgoyne, A. P.**, Nye, C. D., Macnamara, B. N., Charness, N., Hambrick, D. Z. (2017, April). *The Impact of Domain-Specific Experience on Chess Skill: Re-Analysis of a Key Study*. Presentation at the annual conference of the Midwestern Psychological Association, Chicago, IL.
- Burgoyne, A. P.**, Harris, L. J., & Hambrick, D. Z. (2016, May). *Acquiring Skill in Music*. Poster presented at the annual conference of the Midwestern Psychological Association, Chicago, IL.
- Burgoyne, A. P.**, Sala, G., Gobet, F., Macnamara, B. N., Campitelli, G., Hambrick, D. Z. (2016, May). *The Relationship Between Intelligence and Expertise in Chess: A Meta-Analysis*. Presentation at the annual conference of the Midwestern Psychological Association, Chicago, IL.

## **GRANTS, HONORS, AND AWARDS**

- 2022                    **Department of Defense/Office of Naval Research  
Multidisciplinary University Research Initiative: \$7,499,317**  
(under review, invited proposal following successful white paper)  
*Understanding and Building Overall Cognitive Capability through Attention Control.*  
Grant application written by Alexander P. Burgoyne, Randall W. Engle, Earl Miller, Ed Vogel, Monica Rosenberg, Tom Reddick, & Kim Fenn.  
Co-PI: Alexander P. Burgoyne
- 2022                    **Defense University Research Instrumentation Program Grant:  
\$117,193 (under review)**  
*Investigating the Physiological Underpinnings of Attention Control.*  
Grant application written by Alexander P. Burgoyne and Randall W. Engle.



- 2022                    **National Science Foundation, Perception, Action, and Cognition: \$599,138** (under review)  
 Predicting multitasking across sedentary and physically dynamic conditions: Is multitasking a general construct?  
 Grant application written by Scott Monfort, Keith Hutchison, Alexander P. Burgoyne, and Randall W. Engle  
 Co-PI: Alexander P. Burgoyne
- 2022                    **U.S. Army Research Institute Broad Agency Announcement: \$1,034,940**  
*Understanding and Building Overall Cognitive Capability through Attention Control.*  
 Grant application written by Brooke N. Macnamara, David Frank, and Alexander P. Burgoyne.  
 Co-PI: Alexander P. Burgoyne
- 2021                    **American Psychological Foundation Visionary Grant: \$18,569**  
*Reducing Adverse Impact and Improving Personnel Selection Using Tests of Attention Control.*  
 PI: Alexander P. Burgoyne
- 2020                    **Defense University Research Instrumentation Program Grant: \$146,400**  
*Physiological Underpinnings of Attention Control, Working Memory Capacity, and Fluid Intelligence: The Role of the Locus Coeruleus.*  
 Grant application written by Alexander P. Burgoyne and Randall W. Engle.
- 2018                    **Research Scholars Award: \$3,500**  
*The Nature and Nurture of Skilled Performance: Understanding the Role of Basic Abilities and Training on Complex Task Performance.*  
 PI: Alexander P. Burgoyne
- 2018                    **Thompson Endowment Fellowship: \$1,000**  
*The Nature and Nurture of Skilled Performance: Understanding the Role of Basic Abilities and Training on Complex Task Performance.*  
 PI: Alexander P. Burgoyne
- 2018                    **Future Academic Scholars in Teaching Fellowship: \$2,000**  
*Cognitive Processes Underlying Undergraduate Writing and Proofreading.*  
 PI: Alexander P. Burgoyne

2018 **Research Enhancement Award: \$1,000**

*Circumvention of Limits in Chess.*

PI: Alexander P. Burgoyne

2018 **Travel Award: \$1,100**

2017 **Summer Fellowship Award: \$600**

2015 **Rasmussen Fellowship Award: \$5,000**

### **MEDIA APPEARANCES**

2022 “How should we measure cleverness?”  
BBC World News *CrowdScience* radio broadcast  
<https://www.bbc.co.uk/programmes/w3ct3j6p>

2021 “Talent or Training”  
German television network 3sat/ZDF documentary  
<https://www.zdf.de/dokumentation/3sat-wissenschaftdoku/210812-sendung-wido-102.html>

### **COGNITIVE ABILITY TESTING SOFTWARE**

2022 Stroop Squared (E-Prime, E-Prime Go)  
2022 Simon Squared (E-Prime, E-Prime Go)  
2022 Flanker Squared (E-Prime, E-Prime Go)  
2020 Auditory Flanker – Adaptive Difficulty (E-Prime, E-Prime Go)  
2020 Auditory Stroop – Adaptive Difficulty (E-Prime, E-Prime Go)  
2020 Auditory Simon – Adaptive Difficulty (E-Prime, E-Prime Go)  
2020 Melody Memory (E-Prime, E-Prime Go)  
2020 Attending to Speech in Noise (E-Prime, E-Prime Go)  
2020 Multiple Object Tracking (Open Sesame)  
2017 Visual Arrays Task (E-Prime)  
2017 Choose-A-Move Chess Test (E-Prime)  
2017 Chess Knowledge Test (E-Prime)  
2017 Typing Speed Test (E-Prime)  
2016 Reading Comprehension Test (E-Prime)

2016                      Pattern Comparison Test (E-Prime)

All programs are free to download at [www.scienceofexpertise.com/alex](http://www.scienceofexpertise.com/alex) or by contacting [burgoyne4@gmail.com](mailto:burgoyne4@gmail.com)

## WEB DESIGN AND MANAGEMENT

[www.scienceofexpertise.com](http://www.scienceofexpertise.com) – Website for the Expertise Laboratory

[www.journalofexpertise.org](http://www.journalofexpertise.org) – Official website for the Journal of Expertise

## ACADEMIC POSITIONS

- 2021 – Present            Research Scientist II  
 Attention & Working Memory Lab  
 Georgia Institute of Technology, School of Psychology  
 Principal Investigator: Randy Engle, Ph.D.
- Fall 2022                    Lecturer/Instructor of Record  
 Psychology 6011 (A): Graduate-level Cognitive Psychology  
 Georgia Institute of Technology
- Summer 2022              Lecturer/Instructor of Record  
 Psychology 1101 (SF): General Psychology  
 Georgia Institute of Technology  
*Student evaluations*  
*Overall instructor effectiveness: 5/5, 100<sup>th</sup> percentile at GT*  
*Inclusivity: 5/5, 100<sup>th</sup> percentile at GT*  
*Enthusiasm: 5/5, 100<sup>th</sup> percentile at GT*
- Spring 2022                Lecturer/Instructor of Record  
 Psychology 1101 (G): General Psychology  
 Georgia Institute of Technology  
*Student evaluations*  
*Overall instructor effectiveness: 4.9/5, 99<sup>th</sup> percentile at GT*  
*Inclusivity: 4.9/5, 99<sup>th</sup> percentile at GT*  
*Enthusiasm: 4.9/5, 99<sup>th</sup> percentile at GT*

- 2020 – 2021 Post-Doctoral Research Fellow  
Attention & Working Memory Lab  
Georgia Institute of Technology, School of Psychology  
Principal Investigator: Randy Engle, Ph.D.
- 2015 – 2019 Graduate Research Assistant/Laboratory Manager  
Expertise Laboratory  
Michigan State University, Department of Psychology  
Supervisor: D. Zach Hambrick, Ph.D.
- 2016 Teaching Assistant  
Psychology 402(W): Sensation and Perception  
Michigan State University, Department of Psychology  
Professor: Mark Becker, Ph.D.
- 2015 Teaching Assistant  
Psychology 244: Developmental Psychology: Infancy through  
Childhood  
Michigan State University, Department of Psychology  
Professor: Lauren J. Harris, Ph.D.
- 2014 – 2015 Professional Aide  
Michigan Twins Project, Michigan State University  
Principal Investigators: Kelly Klump, Ph.D., Alex Burt, Ph.D.
- 2013 Teaching Assistant  
Psychology 200: Introduction to Cognitive Psychology  
Michigan State University, Department of Psychology  
Professor: Mark Becker, Ph.D.
- 2012 – 2013 Research Assistant  
Michigan Twins Project, Michigan State University  
Principal Investigators: Kelly Klump, Ph.D., Alex Burt, Ph.D.

### **PROFESSIONAL SERVICE**

- 2022 – Present School of Psychology representative for the Research Faculty  
Advisory Council at Georgia Tech.

2022 – Present	Associate Editor for the <i>Journal of Expertise</i>
2022	Guest Editor for the <i>Journal of Intelligence</i> special issue: Skill Acquisition, Expertise, and Achievement
2022	Guest Editor for the <i>Journal of Expertise</i> special issue: The Science of Chess Expertise.
2017 – Present	Reviewer for the following journals: <i>Journal of Experimental Psychology: General</i> , <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i> , <i>Journal of Behavioral Decision Making</i> , <i>Clinical Psychological Science</i> , <i>Intelligence</i> , <i>Military Psychology</i> , <i>Music Perception</i> , <i>Journal of Expertise</i> , <i>Advances in Cognitive Psychology</i> , <i>Organizational Behavior and Human Decision Processes</i> , <i>Learning and Individual Differences</i> , <i>Frontiers in Psychology</i> .
2016	Reviewer for the Association for Psychological Science Student Grant Competition
2016	Student Representative, <i>Quantitative Genetics Faculty Search Committee</i> , Psychology Department, Michigan State University East Lansing, MI

## TECHNICAL SKILLS

Structural equation modeling (*R*, *Amos*, *MPlus*)  
 Meta-analysis (*R*, *Comprehensive Meta-Analysis*)  
 Multi-level modeling (*R*, *SPSS*)  
 Power analysis (*G\*Power*)  
 Experiment program development (*E-Basic*, *Open Sesame*)  
 Web design (*HTML*, *CSS*)  
 Website management and graphic design (*Adobe Dreamweaver*, *Photoshop*, *Illustrator*)

## PROFESSIONAL DEVELOPMENT

Fall	2018	Future Academic Scholars in Teaching Fellow
Spring	2017	Leadership Academy at Michigan State University

Summer 2016	Certification in College Teaching Institute
Summer 2016	Introductory & Intermediate Structural Equation Modeling Workshop
Summer 2015	Teaching Assistant Institute at Michigan State University