

Gabrielle Shimko

Curriculum Vitae

gshimko@iu.edu

Education

PhD, Psychology

Aug 2021 – May 2027
expected

Indiana University, Bloomington, IN

Supervisor: Karin James, PhD

BA, Psychology and Biology, Neuroscience Concentration

Sep 2014 – Jun 2018

Kalamazoo College, Kalamazoo, MI

Senior Thesis: Bilingualism modulates attentional processes of the brain in infancy: A proposed behavioral and neurobiological analysis (*completed at the University of British Columbia*)

Supervisors: Maria Arredondo, PhD and Janet Werker, PhD

Grants, Awards, and Scholarships

- 2023 The American Professional Society of ADHD and Related Disorders (APSARD) Conference Travel Award
- 2022-2023 *National Institute of Health Predoctoral Training Fellowship (T32): Multidisciplinary Program in Developmental Process* – Awarded to graduate students with research goals pertaining to understanding processes underlying development
- 2022 *Richard D. Young Summer Research Award* – Summer fellowship awarded to graduate students who have demonstrated excellence in academic work and show promise in the study of children, adolescents or families
- 2022 *Daniel J. Plebanek Memorial Research Fellowship* – Summer fellowship awarded to graduate students studying the development of attentional mechanisms and learning
- 2021-2022 *Sharon Stephens Brehm Department of Psychological and Brain Sciences Diversity Fellowship* – Awarded to first-year graduate applicants with outstanding academic credentials and a high potential for success in their chosen area of research
- 2019, 2020 *Charles River Report Services Bronze Certificate of Excellence* – Recognition of outstanding report quality and timeliness metrics
- 2018 *Kalamazoo College Psychology Department Donald Van Liere Prize for Excellence in Psychology Research* – Awarded to a senior for excellence in research and psychology coursework
- 2018 *Kalamazoo College Psychology Department Xarifa Greenquist Award* – Awarded for distinctive service to students and faculty
- 2017 *Michigan Intercollegiate Athletic Association Academic Honor Roll* – Awarded to junior and senior athletes who maintained above a 3.5 or above throughout the school year and received a varsity letter
- 2017 *Kalamazoo College Center for Career and Professional Development Grant* – Awarded \$3,000 to fund research experience in Vancouver, BC

Publications

- Shimko, G. & James, K. H. (*in preparation*). The interactive effects of notetaking modality and symptoms of ADHD on lecture learning
- Batsell, W. R. Jr., Dandar, C. M., Girard, R., Miller, C., & **Shimko, G.** (2020). Can an augmented flavor augment another flavor? Evidence from second-order augmentation. *Learning and Motivation, 69*, 101609. doi:10.1016/j.lmot.2019.101609
- Hostetter, A. B., Dandar, C. M., **Shimko, G.**, & Grogan, C. (2019). Reaching for the high note: Judgments of auditory pitch are affected by kinesthetic position. *Cognitive Processing, 20*, 495-506. doi:10.1007/s10339-019-00929-8
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Presentations

- Shimko, G.** & James, K. H. (January 2023). *The effects of notetaking modality and symptoms of ADHD on lecture learning* [Poster presentation]. The American Professional Society of ADHD and Related Disorders (APSARD) Conference, Orlando, FL, United States
- Shimko, G.** & James, K. H. (January 2023). *The effects of notetaking modality and symptoms of ADHD on lecture learning* [Poster presentation]. Second Year Graduate Research Symposium, Indiana University, Bloomington, IN, United States
- Shimko, G.** (November 2022). *Using visuomotor priming during visual search to understand letter writing fluency* [Oral presentation]. Research and Theory in Developmental Science Seminar, Indiana University, Bloomington, IN, United States.
- Bove, R., Buss, J., & **Shimko, G.** (February 2022). *Words of advice on psych* [Oral presentation]. Psychology Club Graduate School Night, Indiana University, Bloomington, IN.
- Shimko, G.** (October 2021). *Lecture notetaking modalities and attention-deficit/hyperactivity disorder*. [Oral presentation]. Research and Theory in Developmental Science Seminar, Indiana University, Bloomington, IN, United States.
- Batsell, W. R. Jr., Dandar, C. M., Girard, R., Miller, C. L., & **Shimko, G.** (April 2019). *Can an augmented flavor augment another flavor? Evidence from second-order augmentation* [Poster presentation]. Midwestern Psychological Association Conference, Chicago, IL, United States.
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Research Experience

Graduate Student – Cognition and Action Neuroimaging Laboratory

Aug 2021 – current

Indiana University

Supervisor: Karin James, PhD

- Collected data on first year project which will evaluate how different lecture notetaking modalities affect learning in college students with symptoms of ADHD
- Designed new paradigms assessing transcription automaticity in both handwriting and typing and learned new paradigms such as Grooved Pegboard assessment and Connor's Continuous Auditory Test of Attention (CATA)
- Submitted study materials to Indiana University Institutional Review Board and facilitated auditing process

- Manage SONA registration, recruitment, and research assistant scheduling for project
- Mentoring four undergraduate research assistants, which includes having biweekly meetings covering topics such as journal articles and professional development
- Created training and onboarding guides for all lab undergraduates and facilitated onboarding process which included interviewing, background checks, and general training

Research Assistant – Taste Aversion Learning Laboratory

Nov 2016 – Jun 2018

Kalamazoo College

Supervisor: Robert Batsell, PhD

- Assisted in designing and executing taste aversion learning experiments with rats
- Conducted daily room checks and provided rats with appropriate husbandry and care
- Assisted in data interpretation, manuscript writing, and editing for journal submission
- Aided in facilitating Institutional Animal Care and Use Committee inspection

Research Assistant – Embodied Cognition Laboratory

May 2017 – Jun 2018

Kalamazoo College

Supervisor: Autumn Hostetter, PhD

- Generated novel idea for an experiment and worked with a team to design and conduct multi-part study with over 200 undergraduate participants
- Analyzed data utilizing SPSS and helped write and submit manuscript for publication
- Participated in publication process from initial submission through revision and resubmission
- Selected to present at Michigan Undergraduate Psychology Research Conference in 2018 (canceled for weather)

Research Assistant – Infant Studies Centre, The University of British Columbia

Jun 2017 – Aug 2017

Vancouver, BC, Canada

Supervisor: Maria Arredondo, PhD

- Completed senior thesis about how neural regions responsible for attentional processes adapt to bilingual language acquisition during infancy
- Conducted literature reviews, researched proposed stimuli, independently learned E-Prime and created stimuli in preparation for data collection
- Recruited and booked participants for additional ongoing studies at the Infant Studies Centre
- Helped facilitate participant visits for additional ongoing studies by issuing consent forms and written assessments, as well as guiding families through lab visits and babysitting siblings
- Presented poster at the Kalamazoo College Donald Van Liere Symposium (psychology) and Diebold Symposium (biology) in 2018

Research-Related Employment

Report Coordinator – Charles River Laboratories

Mar 2019 – Jul 2021

Mattawan, MI

- Wrote reports on pre-clinical or clinical pharmacokinetic, immunogenicity, and cell-based assays for pharmaceutical companies
- Managed multiple study projects with multiple clients, report types, and phases while adhering to strict study schedule and providing administrative support to project scientists and clients
- Trained new report coordinators on immunology product line, help management team select candidates for new positions in department, and develop new training materials

- Remained informed on and ensure reports and processes are compliant to Good Laboratory Practice Regulations (U.S. Department of Health and Human Services, Food and Drug Administration) and other regulatory bodies, as appropriate
- Developed ideas for departmental engagement as a member of the Peer Recognition Team

Research Technician – Charles River Laboratories

Aug 2018 – Mar 2019

Mattawan, MI

- Completed daily study functions for small animal toxicology department according to standard operating procedures (SOPs) and protocol
- Dosed mice and rats per study protocol and SOPs via appropriate dose routes (oral gavage, subcutaneous, intramuscular, intraperitoneal, and intranasal) and provided animals with proper husbandry

Teaching and Leadership Experience

Pre-Graduate School Mentor

Jun 2022 – current

NextGen Psychology Scholars

- Provide guidance to prospective psychology graduate students throughout application process

Pre-Graduate School Mentor

Mar 2022 – current

Project Students for Higher-Ed Opportunities and Representation in Training (SHORT)

- Provide guidance to two pre-clinical psychology students during graduate application process through bi-weekly meetings

Neuroscience Departmental Student Advisor

Jul 2017 – Jun 2018

Kalamazoo College

- Held informational sessions and answered student questions pertaining to the neuroscience track
- Helped plan the 2018 Tourtellotte Lecture, delivered by Scott Kelso, PhD
- Facilitated interactive student mini-presentation session prior to the Tourtellotte Lecture

Teaching Assistant – Introduction to Psychopathology

Apr 2018 – Jun 2018

Kalamazoo College

- Facilitated in-class conversations and held office hours outside of class for questions and support
- Assisted students in leading community-wide mental health panels
- Graded essay assignments and provided feedback on class and project participation

Teaching Assistant – Introduction to Experimental Methods, Kalamazoo College

Apr 2018 – Jun 2018

Kalamazoo College

- Led supplemental help sessions on experimental design, statistics, and APA style
- Helped grade exams and statistics assignments
- Attended classes for additional teaching support

Lifting Captain – Women's Varsity Lacrosse

Sep 2015 – May 2017

Kalamazoo College

- Scheduled and led weekly workout sessions for the women's lacrosse team and planned additional team bonding events

Co-Leader – Health Professions Society Club

May 2015 – Nov 2016

Kalamazoo College

- Planned and orchestrated weekly club meetings, journal clubs, visitor presentations, and visits to medical schools

- Created and implemented a comprehensive mentor program for on-campus pre-medical students
 - Connected students with physicians in the Kalamazoo area for shadowing and mentorship opportunities
 - Interviewed new club leaders and kept track of club membership data
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Clinical-Related Experience

Therapist – Indiana University Parent Child Clinic

May 2022 – current

Bloomington, IN

Supervisor: John Bates, PhD

- Provide parent behavior training (PBT) for parents of children between the ages of 3 and 8 to reduce oppositional, defiant, and disruptive behaviors

Volunteer Listener – 7Cups of Tea

Sep 2019 – Jun 2021

Online at www.7cups.com

- Actively listened to individuals via private chat who were seeking somebody to talk to about mental health or life concerns for ~2 hours per week
- Escalated serious mental health emergencies to online, around-the-clock therapists
- Provided clients with resources to help manage issues such as anxiety, depression, and sleep problems
- Completed online training courses to learn more about common issues online clients wish to talk about, such as anxiety, depression, and financial problems

Youth Development Worker – Communities in Schools of Kalamazoo

Oct 2017 – May 2018

Kalamazoo, MI

- Prepared and delivered lessons for the afterschool program following the 21st Century grant program
- Managed behavior on an individual and group level and assisted students with assignments during organized homework time
- Participated in the Youth Program Quality Assessment by collecting data on student and staff performance
- Learned trauma-informed care and group and individual communication skills by attending trainings such as the Communities in Schools of Kalamazoo supplemental training and the annual Michigan AfterSchool Association Conference in Battle Creek, Michigan (2017)

Emergency Room Medical Scribe – Beaumont Hospital

Jul 2016 – May 2017

Grosse Pointe, MI

- Documented detailed and accurate patient records for emergency room visits, including the patient's medical history, the doctor's assessments and results, results of ordered tests, diagnoses, and treatment plans
- Referenced and organized confidential patient medical records while remaining compliant to the Health Insurance Portability and Accountability Act (HIPAA)
- Communicated efficiently and effectively to physicians, nurses, and patients in a high-paced work environment
- Shadowed physicians during medical procedures and assessments

Software and Program Proficiency

SPSS • RStudio • E-prime • Microsoft Suite Programs • Adobe Pro • Microsoft Teams • Windows and MacOS •
ExyLIMS • docuBridge • DocuSign

Volunteer Experience

Monroe County Animal Shelter Volunteer	Dec 2022 – current
Science Fest – Indiana University, Bloomington	Oct 2021
Corporate Giving Committee Member – Charles River Laboratories	May 2019 – Aug 2021
SPCA Subcommittee Member – Charles River Laboratories	May 2019 – Aug 2021
Girl Scout Troop Leader – Girl Scouts Heart of Michigan	Mar 2019 – Dec 2019
Elementary School Volunteer – Communities in Schools of Kalamazoo	Apr 2018 – Jun 2018