

Alicia L. Macchione

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EDUCATION

Indiana University, Bloomington, IN Fall 2016 – Spring 2019
 Bachelor of Arts, Major GPA: 3.43/4.0
Major: Psychology **Minor:** Gender Studies

Ball State University, Muncie, IN 2015

RESEARCH INTERESTS

I am interested in exploring the minority experience—in particular the intersection of gender, ethnicity, and race, and its implications for identity development and educational attainment.

AWARDS

Dean's List, Indiana University 2018
 Dean's List, Ball State University 2015

SKILLS SUMMARY

Research (development, data collection, observational coding, presenting, subject recruitment) ·
 Statistical Analyses (SPSS) · Experimental Design (Qualtrics) · Database management
 (FileMaker) · Microsoft Office and Excel · IRB writing · Strong leadership and collaborative
 skills · Exceptional communication and interpersonal abilities · Practical problem solving ·
 Outstanding organizational skills with excellent attention to detail

RESEARCH EXPERIENCE

Social Roles Laboratory, Indiana University Fall 2018 – Current
 Primary Investigator: Amanda Diekman, PhD.
Research Assistant

- Examine the effects of environmental cues on women in male-dominated STEM fields
- Contribute to research on social role theory through literature search and data collection
- Collect and analyze data related to group differences, stereotypes, and social change

Stereotyping, Prejudice, and Facial Expression Lab, Indiana University Fall 2018 – Current
 Primary Investigator: Kurt Hugenberg, PhD.
Research Assistant

- Collect data in an in-person study examining how our perceptions of other's faces and bodies influence the inferences we make about them
- Design a website to provide the lab with a platform to promote ongoing studies, publish publications, and recruit new participants and research assistants

Cognitive Development Laboratory, Indiana University Spring 2018
 Primary Investigator: Linda Smith, PhD.
Research Assistant

- Researched children's cognitive processes in understanding place value
- Ran 1-2 participants weekly in experimental sessions focusing on the language and gestures used when teaching a mathematical lesson on the topic of place value

Learning, Education, and Development Laboratory, Indiana University Fall 2017 – Current
Primary Investigator: Emily Fyfe, PhD.

Research Assistant, Independent Project Coordinator

- Research children's development of mathematical knowledge and problem solving
- Recruit and run participants in weekly experimental tutoring sessions
- Design an independent research experiment on stereotype threat and mathematics learning
- Work collaboratively with Dr. Fyfe and other research associates to develop coding schemes to analyze learning strategies in young children
- Conduct extensive literature search on gender differences in mathematics
- Present current findings to research team and at local and national conferences

RELEVANT ACADEMIC EXPERIENCE

Gender, Work, & Leadership, College of Arts & Sciences, Indiana University Fall 2018

- Explore gender issues related to work and leadership such occupational segregation, wage gaps, power dynamics, negotiation, and work/family integration

Behavior Modification, College of Arts & Sciences, Indiana University Spring 2018

- Studied the principles and applications of behavior modification ranging from positive and negative reinforcement, aversive conditioning, desensitization, and token economies through an independent self-behavior modification experiment

Cognitive Psychology, College of Arts & Sciences, Indiana University Fall 2017

- Investigated human cognitive processes such as attention, perception, and memory through 3 independent research experiments using a Java Applet software

Experimental Psychology, College of Arts & Sciences, Indiana University Spring 2017

- Studied variations of the Stroop Effect through independent research experiments
- Surveyed undergraduates on implicit attitudes regarding age, race, and gender

Statistical Techniques, School of Sciences & Humanities, Ball State University Fall 2016

- Explored statistical concepts and techniques used in the analysis of psychological data
- Studied measures of central tendency, variability, correlation, hypothesis testing, and methods of statistical inference

Psychology of Women, School of Sciences & Humanities, Ball State University Fall 2015

- Created coding scheme for popular romance films to study gender themes and differences

PRESENTATIONS

Macchione, A.L., Fyfe, E.R. (2018, November). Gender predicts performance on 6-year-olds' knowledge of place value. Poster to be presented at Indiana Psychological Association Poster Session & Abstract Competition; Noblesville, IN.

Macchione, A.L., Vest, N.A., Fyfe, E.R. (*Submitted*). Point to those! Grouping gestures predict children's early patterning skills. Poster to be presented at Society for Research in Child Development Biennial Meeting; Baltimore, MD.

Macchione, A.L., Flynn, M.E., Fyfe, E.R. (2018, April). The effect of gender on children's pattern-making skills. Poster presented at Indiana University's Center of Excellence for Women in Technology's (CEWiT) Research Poster Competition; Bloomington, IN.

CO-CURRICULAR + LEADERSHIP EXPERIENCE

Child-Scientist Activity Week (C-SAW), Indiana University Summer 2018

Research Coordinator

- Helped organize camp activities, such as educational games and demonstrations, designed to teach children more about senses, memory, emotions, and coordination
- Designed and administered ~20 weekly research experimental sessions focusing on mathematics knowledge and problem solving with children ages 4-7

Harmony High School Fall 2017 – Spring 2018

Tutor

- Tutored high school students on a weekly basis regarding research methodologies
- Collaborated with a mentee to develop an independent research project examining the effectiveness of art therapy as a coping mechanism in middle school children

Psychology Club, Indiana University Fall 2017 – Current

Member

- Participate in quarterly philanthropic opportunities for the Psychology Department
- Attend monthly discussions from various psychology speakers

Panhellenic Diversity & Inclusion Committee, Indiana University Fall 2017 – Current

Appointed Representative

- Serving on a committee including 20+ fellow undergraduates who are charged with implementing diversity and inclusion within the Greek community
- Facilitate a discussion panel regarding mental health stigma

Safe Sisters, Indiana University Fall 2016 – Current

Trained Emergency Responder

- Serving as the appointed representative of Alpha Omicron Pi-Beta Phi Chapter to assist sorority sisters in issues regarding sexual assault awareness and prevention
- Attend yearly training sessions and monthly meetings to inform the Greek community of the dangers of sexual assault and the available resources