Anna M. Compton

Curriculum Vita

January 2025

Personal History

E-mail: amcompton@wayne.edu

Educational History

2024 – present Wayne State University, Detroit, MI

 Doctoral Student in Clinical Psychology

2018 – 2022 University of Wisconsin–Madison, Madison, WI

**Dual Major:** Psychology and Spanish

**Degree:** Bachelor of Arts, Summa Cum Laude; GPA: 3.93

**Psychology Senior Honors Thesis:** *Toddlers’ prior experience with speakers influences their word learning.* Advisor: Dr. Jenny Saffran, Rubinstein Professor, Developmental Psychology

**Spanish Senior Thesis:** *Intervention in Perception and Production of Spanish and English Stop Consonants.* Advisor: Dr. Rajiv Rao, Professor and Director of Language Sciences

Fellowships and Awards

2021 – 2022 University of Wisconsin-Madison Hilldale Undergraduate/Faculty Research Fellowship ($4,000). Funding to support students to undertake their own research project in collaboration with a UW-Madison faculty member.

2022 The Robert J. Glushko Outstanding Undergraduate Cognitive Scientist Prize ($500). Award is given to two (2) senior Psychology majors who have demonstrated the strongest combination of: academic excellence, sustained and outstanding involvement in cognitive science research, and engagement in learning about cognitive science at UW-Madison.

2022 Dr. Bryan Hendricks Outstanding Undergraduate Research Scholar Award, University of Wisconsin-Madison ($1,000). Award is given to students nominated by faculty who have been outstanding and exceptional research assistants and scholars.

Manuscripts

*Published*

Breitfeld, E.\*, **Compton, A.M.\***, & Saffran, J. R. (2024). Toddlers’ prior experience with speakers influences their word learning. *Infancy*.

Bruce, M., **Compton, A. M**., Maylott, S. E., Zhou, A. M., Raby, K. L., Crowell, S. E., & Conradt, E. (2024). The combined contributions of newborn stress and parenting stress on toddler language development. *The Journal of Pediatrics*, *114*, 006.

Nagendran, A., Compton, S., Follette, W. C., Golenchenko, A., **Compton, A**., & Grizou, J. (2022). Avatar led interventions in the Metaverse reveal that interpersonal effectiveness can be measured, predicted, and improved. *Scientific Reports*, *12*(1), 21892. https://doi.org/10.1038/s41598-022-26326-4

Under Review

Nagy, G.A., LeMaire, K., Brownlow, B., Miller, M. L., **Compton, A.M.**, Long, R.N., & Adi, A. Addressing microaggressions directed at mental health clinicians: Strategies to determine if, when, and how to intervene. (Revise and Resubmit).

Maylott, S.E., Bruce, M., Zhou, A.M., **Compton, A.M.**, Wyant-Stein, K.E., Raby, K.L., Crowell, S.E., & Conradt, E. Infant social-emotional development predicted by newborn neurobehavior. (Manuscript submitted to Psych Science).

Zhou, A.M., Maylott, S.E., **Compton, A. M.**, Bruce, M., Molina, N. C., Raby, K.L., Crowell, S. E., & Conradt, E. Associations between maternal emotion dysregulation, infant negative affect and toddler mental health depend on newborn neurobehavioral profiles (Manuscript submitted to Clinical Psychological Science).

In Preparation

**Compton, A.M.**, Maylott, S.E., Kaliush, P.R., Molina, N.C., Zhou, A.M., Crowell, S.E., Lester, B., & Conradt, E. Newborn neurobehavior predicted by borderline personality disorder symptoms in birthing parents with prenatal opioid use. (Data analysis in progress).

**Compton, A. M.\***, Maylott, S.E.\*, Zhou, A.M., Bruce, M., Westover, A., Raby, K.L., Crowell, S. E., & Conradt, E. Prenatal emotion dysregulation predicts infant social-emotional development. (Finalizing manuscript).

\* Denotes co-first authorship

Poster Presentations

**Compton, A. M**., Maylott, S. E., Zhou, A. M., Bruce, M., Westover, A., Raby, K. L., Crowell, S. E., & Conradt, E.(2024, July). Prenatal emotion dysregulation predicts infant social-emotional development. In [Oral poster presentation]. *International Congress of Infant Studies*, Glasgow, Scotland.

Conradt, E., Maylott, S. E., Bruce, M., **Compton, A. M**., & Lester, B. (2024, May). [Poster presentation]. *Pediatric Academic Societies*, Toronto, Canada.

**Compton, A. M**., Maylott, S. E., Kaliush, P. R., Molina, N. C., Zhou, A. M., Crowell, S. E., Lester, B., & Conradt, E. (2023, September 12). [Poster presentation]. *Duke Psychiatry Research Retreat*, Durham, NC, United States.

**Compton, A. M**., Breitfeld, E., & Saffran, J. (2022, April 28). Toddlers’ prior experience with speakers influences their word learning. [Poster presentation]. *Undergraduate Research Symposium*, Madison, WI, United States.

Oral Presentations

**Compton, A. M.,** & Bruce, M. (2024, July). Perinatal predictors of language development: Exploring the association between maternal emotion dysregulation and infant vocabulary acquisition. In *Examining the socioemotional dynamics of early language learning* (Symposium). [Oral presentation]. *International Congress of Infant Studies*, Glasgow, Scotland.

**Compton, A. M.,** & Zhou, A. M. (2024, July). Testing a developmental cascade model from prenatal maternal to toddler dysregulation through parenting stress and infant autonomic reactivity. In *Mechanisms underlying the effects of prenatal risk on infant physiological, social-emotional, and sleep outcomes* (Symposium). [Oral presentation]. *International Congress of Infant Studies*, Glasgow, Scotland.

**Compton, A. M**., Breitfeld, E., & Saffran, J. (2022, April 28). Toddlers’ prior experience with speakers influences their word learning. [Oral presentation]. *Student Thesis and Research Showcase*, Madison, WI, United States.

Research Experience

8/2024 – present Wayne State University
 Department of Psychology
 **Graduate Student** Detroit Youth Across Development (DYAD) Lab
 PI: Christopher Trentacosta, PhD

Research Duties: Conduct data collection for the 9-year wave of the Brain Development Study, a longitudinal project investigating neurodevelopmental trajectories of self-regulatory behaviors and emotion competence. Responsibilities include administering standardized assessments, behavioral tasks, and parent-child interaction protocols.

10/2022 – 7/2024 Duke University Medical Center
Department of Psychiatry & Behavioral Sciences
**Clinical Research Coordinator**Child Adaptation & Neurodevelopment (CAN) Lab
PI: Elisabeth Conradt, PhD

Operational and Regulatory Duties: Developed expertise with respect to responsible conduct of research and research ethics. Oversee the day-to-day regulatory and safety operations of multiple studies, including the development and submission of consent forms, study protocols, and continuing reviews to the IRB. Oversee the maintenance of study documentation including regulatory binders, enrollment logs, regulatory and safety reports, preparation for study monitoring and study audit visits. Oversee study compliance with institutional requirements, protocols, as well as federal policies. Build and maintain multiple REDCap databases for data collection. Facilitate participant recruitment by conducting medical chart reviews and completing phone screens to determine eligibility, conduct participant informed consent procedures, and develop retention procedures.

Clinical Duties: Conduct remote and in-person semi-structured participant interviews, including the UCLA Life Stress Interview and the Clinical Interview for High-Risk Parents of Premature Infants (i.e., CLIP Interview), administer in-person and remote newborn neurobehavioral exams using the Neonatal Network Neurobehavioral Scale (i.e., NNNS). Train and manage 5-10 undergraduate and 2 high school student lab members.

Scientific Research Duties: Organize and lead project management meetings and lab meetings, conduct literature reviews, assist with data analysis using RStudio, assist with manuscript writing, proposed and presented first author scientific posters and manuscripts using study data.

Project Titles and Description: Responsible for managing the following single-site and multi-site research projects.

* Newborn Neurobehavioral Intervention Remote Neurobehavioral Assessment for Newborns with Congenital Heart Disease.
* Advancing Understanding of Racism-Related Health Disparities Beginning Before Birth: A Multisite Study with Black and Latina Pregnant Women. (NIH 1R01HD107016)
* A Novel Tool for Early Detection of Risk for Neurodevelopmental Delay in Infancy.
* Emotion Dysregulation Across Generations: Identifying Early Developmental and Clinical Indicators of Risk. (NIMH R01MH119070)
* Clinical Markers of Neonatal Opioid Withdrawal Syndrome: Onset, Severity, and Longitudinal Neurodevelopmental Outcome. (NIDA R01DA049755)
* All Care is Brain Care: A Quality Improvement Study (taking place in the Neonatology Department at Duke University Hospital).

1/2020 – 5/2022 University of Wisconsin-Madison
Department of Psychology
**Undergraduate Research Assistant**Infant Learning Lab
PI: Jenny Saffran, PhD

Research Duties: Identified and recruited eligible participants for various studies exploring infant language acquisition, collected eye-tracking & head-turn data, coded data using *Peyecoder*, assisted with manuscript preparation. In addition to lab duties I proposed, conducted, analyzed, wrote-up, and presented my senior honors thesis project titled *Toddlers’ prior experience with speakers influences their word learning*.

6/2020 – 5/2022 Duke University Medical Center
Department of Psychiatry & Behavioral Sciences
**Undergraduate Research Assistant**EQUITY Research Group
PI: Gabriela Nagy, PhD

Research Duties: Conducted literature reviews on microaggressions that occur during clinical encounters between patients and minority clinicians and participated in manuscript writing.

5/2021 – 12/2022 Mursion, INC.
**Research Consultant**Mursion Research Core
PI: Arjun Nagendran, PhD; CEO and Founder

Research Duties: Conducted literature reviews on avatars and self-other perception in social interactions, contributed to development and implementation of study materials, and assisted with manuscript preparation and revisions.

6/2020 – 5/2021 Duke University
Department of Psychology & Neuroscience
**Undergraduate Research Assistant**Duke Early Experience and the Developing Brain Lab
PI: Michael Gaffrey, PhD

Research Duties: Participated in development of a behavioral coding scheme to characterize parent-infant interactions using ELAN software. Coding scheme involved eye-tracking video data.

9/2020 – 12/2020 University of Wisconsin-Madison
Department of Psychology
**Undergraduate Research Assistant**Niedenthal Emotions Lab
PI: Paula Niedenthal, PhD

Research Duties: Conducted literature review on the impact of political events on accurate affective forecasting and assisted with data collection and manuscript preparation.

Relevant Work and Volunteer Experience

1/2013 – present Childcare Provider

5/2019 – 12/2020 Starbucks Barista

6/2013 – 9/2018 Tennis Camp Counselor

1/2016 – 10/2017 Tutor at El Centro Hispano

Equity, Diversity, and Inclusion Trainings

2023 Individual Accountability for Equity and Inclusion

2023 Foundations for Diversity, Equity, Inclusion, and Belonging

2023 Sustainable DEI: Taking Action as an Individual, Team, and Organization

Highlight of Skills

Fluent in Spanish (written and spoken)

Certified in the Neonatal Network Neurobehavioral Scale (NNNS)

Trained in the operation of eye-tracking devices

MS Office expert (Excel, Outlook, Word, PowerPoint, Access)

REDCap builds and management

Honors and Memberships

9/2018 – 5/2022 Letters and Science Honors Program

1/2019 – present Psi Chi Member

1/2019 – 5/2022 Dean’s List Recipient

5/2023 – present International Congress of Infant Studies (ICIS) Member

8/2024 – present Association for Psychological Science (APS) Member