HANNA-SOPHIA G. SHINE

Email: hshine@fas.harvard.edu | Phone: (240) 481-0046

EDUCATION

University of Maryland, College Park

Bachelor of Science	Psychology, College of Behavioral and Social Sciences Minor: Classical Mythology	2019 – 2023

Major GPA: 3.918 || Cumulative GPA: 3.894
Honors College – Psychology Honors Program
Honors Thesis: The Influence of Accent Prestige on Linguistic Alignment

RESEARCH EXPERIENCE

Lab Manager   2023 – present
Supervisor: Dr. Jesse Snedeker, Laboratory for Developmental Studies, Harvard University

Agent – Patient, Bridging the Syntax-Semantics Interface
Collaborators: Jesse Snedeker, Ph.D.; Irene Canudas Grabolosa, Ph.D.
- Investigating whether individuals (adults) can access thematic roles (specifically Agent and Patient) to categorize participants in events in the absence of explicit language and then transfer this to syntax and categorize participants in events in active and passive sentences
- Involved in literature search, hypotheses development, development of study stimuli, development of experimental design through PCIbex (JavaScript), IRB document maintenance, data collection, data analysis, and poster preparation.

Agent – Patient, Explicit Categorization
Collaborators: Jesse Snedeker, Ph.D.; Irene Canudas Grabolosa, Ph.D.
- Investigating whether individuals (adults, children, & homesigners) can access thematic roles (specifically Agent and Patient) to categorize participants in events in the absence of explicit language.
- Involved in literature search, hypotheses development, development of study stimuli, development of experimental design through PCIbex (JavaScript), IRB document maintenance, data collection, data analysis, and poster preparation and presentation.

Predictive Processing in ASD
Collaborators: Jesse Snedeker, Ph.D.; Tanya Levari, Ph.D.; Briony Waite, doctoral student
- Investigating predictive abilities across a range of perceptual, cognitive, and linguistic domains in children with and without autism.
- Involved in participant recruitment, data collection (EEG), IRB document maintenance, creating Qualtrics surveys, training undergraduate research assistants, administering standardized measures (CELF, Kbit), and data cleaning (EEG).

Tone-Segment Asymmetry
Collaborators: Jesse Snedeker, Ph.D.; Jian Cui, doctoral student
- Investigating why tone and segment differ in their typological profiles. Specifically, examining the counting pattern observed only in tonal morpho-phonology but not in segmental morpho-phonology, to determine whether the typological asymmetry between the two is due to a synchronic learnability gap or a diachronic accidental gap.
- Involved in development of study stimuli, development of experimental design through PCIbex (JavaScript), IRB document maintenance, and data collection.

Research Assistant   2022 – 2023
Supervisor: Dr. L. Robert Slevc, Language and Music Cognition Laboratory, University of Maryland

The Influence of Accent Prestige on Linguistic Alignment
Collaborator: L. Robert Slevc, Ph.D.
- Investigating the frequency of lexical and syntactic alignment in conversation between native English speakers and foreign accented English speakers.
- Involved in all aspects of the research process, including literature search, hypotheses development, development of study stimuli, IRB document preparation, creating Qualtrics survey, OSF pre-registration, development of experimental design through PCIbex (JavaScript), data collection, data analysis, and poster preparation and presentation.

Cognitive Processes Engaged by Bilingualism
Collaborators: Robert Slevc, Ph.D.; Lauren Salig, doctoral student
- Investigating the eye movement of bilingual speakers engaged in code-switching.
- Involved in data collection (EyeLink 1000), training fellow undergraduate research assistants, participant interviews, and participant recruitment.

Research Assistant   2022 – 2023
Supervisor: Dr. Edward P. Lemay, Interpersonal Relationships Laboratory, University of Maryland

Primal World Beliefs and Romantic Relationships
Collaborators: Edward P. Lemay, Ph.D.; Jennifer N. Cutri, masters student
- Investigating the effect of primal world beliefs on romantic relationships and coworker attitudes.
- Involved in beginning stages of data collection, participant interviews, training fellow undergraduate research assistants, and participant recruitment.

The Risk Regulation Model and Relationship Efficacy
Collaborators: Edward Lemay, Ph.D.; Yuan Cheng, undergraduate student; Zizhong Xiao, doctoral student
- Investigated the mediating effect of relationship efficacy on the association between self-esteem and relationship satisfaction through dyadic analysis.
- Involved in literature search, data analysis, and poster development.

Research Assistant   2021 – 2023
Supervisor: Dr. Geetha B. Ramani, Early Childhood Interaction Laboratory, University of Maryland

Influence of Action versus Identity Language on Performance in Math Tasks
Collaborators: Geetha B. Ramani, Ph.D.; Gillian E. Grose, doctoral student
- Investigating the influence of "action-based" language and "identity" language on persistence and gender-based math stereotypes in children.
- Involved in literature search, development of study stimuli, interviewing participants, interview transcription, supervising fellow undergraduate research assistants, data coding, data cleaning, R analysis, OSF material preparation, poster development, and manuscript preparation.

Research Assistant   2019 – 2023
Supervisor: Dr. Edward Luttwak, Political Scientist, Center for Strategic and International Studies-Hoover Institution

Issue in Macedonia: AI Presence in the 2018 Referendum
Collaborators: Edward Luttwak, Ph.D.
- Investigated the role of Russian interference in the 2018 referendum in North Macedonia.
- Involved literature search, data collection, interview translation, and data analysis. Produced a 32-page case study used by supervisor to fulfill a government contract.

CONFERENCE PRESENTATIONS

Shine, H. G., Giles, C., Cutri J. N., & Lemay, E. P., Jr. (2023, May). Interpersonal Implications of Beliefs about the World: Primals and Close Relationships. In E. P. Lemay (Chair) *The Role of Primals in Simulating Interpersonal Futures: Implications for Felt Security in Romantic Relationships.* Symposium conducted at the Association for Psychological Science Annual Convention, Washington, D.C.

CONFERENCE POSTERS

Shine, H. G. & Slevc, L. R. (2025, May). *Aspects of Linguistic Alignment Reflect Social, Not Communicative, Pressures.* Poster presented at the Association for Psychological Science Annual Convention, Washington, D.C.

Shine, H. G., Canudas-Grabolosa, I., Snedeker, J., Coppola, M., & Kocab, A. (2025, March). *Agent and Patient Categories in English-Speaking Adults and Children and Homesigners.* Poster presented at the Conference on Human Sentence Processing, College Park, MD.

Shine, H. G. & Slevc, L. R. (2025, March). *The Influence of Accent Prestige on Lexical and Syntactic Alignment in Dialogue.* Poster presented at the Conference on Human Sentence Processing, College Park, MD.

Harris, A., Kleiner, H., Levari, T., **Shine, H. G**., & Snedeker, J. (2024, June). *Investigating Processing of Emotion Words using EEG in Children with and Without Autism Spectrum Disorder (ASD).* Poster presented at the Neurodevelopmental Annual Seminar (NDAS), Norwich, England.

Grose, G., **Shine, H. G**., & Ramani, G. B. (2024, March). *"Being a Mathematician" Does Not Affect Children's Persistence on Math Tasks.* Poster presented at the Cognitive Development Society Conference, Pasadena, CA.

Shine, H. G., Grose, G., & Ramani, G. B. (2023, May). *"Who Is a Mathematician?": How Language Cues Impact Who Children Describe.* Poster presented at the Association for Psychological Science Annual Convention, Washington, D.C.

Giles, C., **Shine, H. G.**, Cutri J. N., & Lemay, E. P., Jr. (2023, May). *Primal World Beliefs and Mental Simulation of Relationship Events: Implications for Perceived Partner Responsiveness and Relationship Quality*. Poster presented at the Association for Psychological Science Annual Convention, Washington, D.C.

Shine, H. G. & Slevc, L. R., (2023, April). *The Influence of Accent Prestige on Lexical and Syntactic Alignment in "Dialogue".* Poster presented at the University of Maryland Psychology Undergraduate Research Day, College Park, MD.

Little, E. M., **Shine, H. G.**, & Lemay, E. P., Jr. (2023, April). *Implications of Primal World Beliefs for Positive Relationship Illusions, Dyadic Empathy, and Relationship Satisfaction*. Poster presented at the University of Maryland Psychology Undergraduate Research Day, College Park, MD. Recipient of the Gold Award.

Shine, H. G. & Slevc, L. R., (2022, October). *Language Change and Changing Languages: Influences of short- and long-term experience on online language processing.* Poster presented at the University of Maryland Language Science Day, College Park, MD.

Cheng, Y., **Shine, H. G.**, Xiao, Z., & Lemay, E. P., Jr. (2022, April). *Unpacking the Association between Self-Esteem and Relationship Satisfaction: How this relationship is mediated by both perceived regard and relationship self-efficacy.* Poster presented at the University of Maryland Psychology Undergraduate

Research Day, College Park, MD. <u>Recipient of the Silver Award.</u>

Shine, H. G., Grose, G., Frank, A. P., & Ramani, G. B. (2022, April). *Stereotype Stratification and Math Gender Stereotypes in Elementary Age Girls.* Poster presented at the University of Maryland Undergraduate Research Day, College Park, MD.

GRANTS AND SCHOLARSHIPS

College of Behavioral and Social Sciences Summer Research Grant: $3,000   2022
Project: The Influence of Accent Prestige on Linguistic Alignment
University of Maryland

Maryland Summer Scholars Research Grant: $3,000 (Declined)   2022
Project: The Influence of Accent Prestige on Linguistic Alignment
University of Maryland

Classics Department Scholarship: $1,000   2022
University of Maryland

National Italian American Foundation Scholarship: $1,000   2022
University of Maryland

Dean's Scholarship: $9,000   2019
University of Maryland

HONORS AND AWARDS

Outstanding Accomplishments in Psychology Award   2023
University of Maryland

Gold Award (Poster Presentation, University of Maryland Psychology Undergraduate Research Day)   2023
University of Maryland

Phi Beta Kappa Induction   2023
University of Maryland

Silver Award (Poster Presentation, University of Maryland Psychology Undergraduate Research Day)   2022
University of Maryland

Bronze Presidential Service Award   2022
University of Maryland

Distinguished Dean's List of Outstanding Students (College of Behavioral and Social Sciences)   2021– 2023
University of Maryland

College Park Scholars Citation - Science and Global Change   2021
University of Maryland

Semester Academic Honors (College of Behavioral and Social Sciences)   2019 – 2023
University of Maryland

TEACHING ASSISTANT EXPERIENCE

Undergraduate Teaching Assistant   Spring 2023

PSYC 437 – The Assessment and Treatment of Addictive Behaviors
Professor: Dr. Ethan Mereish, *University of Maryland*
- Purpose: To provide a professor and a graduate TA with assistance in developing course materials, grading assignments, and managing the classroom page.
- Duties: Grading weekly discussion assignments, assessment development, class material development, organizing Overdose Response Training for students, assisting students with difficult class material during office hours, facilitating weekly discussions via online discussion boards.

Undergraduate Teaching Assistant   Winter 2023

PSYC 237 – The Psychology of Evil
Professor: Dr. Scott Roberts, *University of Maryland*
- Purpose: To provide a professor with assistance in developing discussion topics, grading assignments, and managing the classroom page.
- Duties: Grading writing assignments, assisting students with difficult class material during office hours, facilitating weekly discussions via online discussion boards.

Undergraduate Teaching Assistant   Fall 2022

PSYC 221 – Social Psychology
Professor: Dr. Abigail Nicolas, *University of Maryland*
- Purpose: To provide a graduate TA with assistance in developing discussion topics, grading assignments, and managing the classroom page.
- Duties: Grading weekly assignments, assisting students with difficult class material during office hours, facilitating in-person discussion weekly.

SERVICE ACTIVITIES

Harvard Square Homeless Shelter (HSHS)   2023 – present
University of Maryland
- Purpose: To provide shelter, meals, and resources to individuals experiencing homelessness.
- Duties: Volunteer shift leader responsible for meal preparation and distribution, assisting shelter guests with accessing housing, medical, and employment resources, and facilitating training sessions for new volunteers.

Psychology Undergraduate Committee   2022 – 2023
University of Maryland
- Purpose: To review and discuss topics related to undergraduate education, including department events, student and faculty teaching and service awards, new course proposals, and curriculum changes.
- Duties: Student representative, providing insight for the approval of new course proposal, voting on the recipient of a student research award.

Combatting Opioid Overdose in Rural Areas (CORA)   2021 – 2023
University of Maryland
- Purpose: To provide opioid education, resources, and harm reduction to rural communities to reduce health disparities, thereby preventing addiction and increasing access to treatment.
- Duties: Leader of the Montgomery County action team, conducted a needs assessment, created an informational brochure to be distributed in community centers, created an educational PowerPoint to be used in high schools, partnering with Montgomery County Alcohol and Other Drug Abuse Advisory Council (AODAAC), and developing a needs and gaps analysis to be distributed throughout Montgomery County Public High Schools.

PROFESSIONAL MEMBERSHIPS

Phi Beta Kappa Honor Society, Member   2023 – present

Psi Chi – International Honor Society in Psychology, Member   2022 – present
    University of Maryland

Association for Psychological Science (APS), Member   2022 – present

SKILLS

Technical Skills: R, SPSS, CSS, JavaScript, PCIbex, Qualtrics, Canva, Canvas, EyeLink 1000, Tobii Eye Tracker T60, EEG
Languages: English (fluent), Macedonian (fluent)

PROFESSIONAL REFERENCES

Jesse Snedeker, PhD
Harvard University
Department of Psychology
Mentor & Lab Principal Investigator
snedeker@wjh.harvard.edu
(617)-946-7175

L. Robert Slevc, PhD
University of Maryland, College Park
Department of Psychology
Mentor & Lab Principal Investigator
slevc@umd.edu
(301) 405-5835

Geetha B. Ramani, PhD
University of Maryland, College Park
Department of Human Development and Quantitative Methodology
Lab Principal Investigator
gramani@umd.edu
(301) 405-8777

Edward P. Lemay, PhD
University of Maryland, College Park
Department of Psychology
Lab Principal Investigator
elemay@umd.edu
(301) 405-5927