

## HANNA-SOPHIA GEORGIEVSKA SHINE

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### EDUCATION

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#### University of Maryland, College Park

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

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

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#### Lab Manager

2023 – present

Supervisor: Dr. Jesse Snedeker, Laboratory for Developmental Studies, Harvard University

##### *Agent – Patient, Explicit Categorization*

Collaborators: Irene Canudas Grabolosa, Ph.D.; Jesse Snedeker, Ph.D.; Annemarie Kocab, Ph.D.; Marie Coppola, Ph.D.

- Investigating whether individuals (adults, children, and homesigners) can access thematic roles (specifically Agent and Patient) to categorize participants in events in the absence of explicit language.

##### *Agent – Patient, Interaction with Linguistic Structure and Extension to Verbs of Psychological State*

Collaborators: Irene Canudas Grabolosa, Ph.D.; Jesse Snedeker, 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 generalize to syntax and categorize participants in active and passive sentences.
- Investigating whether participants trained to access the thematic roles of Agent and Patient extend this training to the roles evoked by psychological state verbs (fear-frighten verbs).

##### *The Role of Event Dynamics in Interpreting Temporally Ambiguous Language*

Collaborators: Elena Marx, doctoral student; Jesse Snedeker, Ph.D.; Eva Wittenberg, Ph.D.

- Investigating whether children use the dynamic properties of situations to infer order in temporally ambiguous sentences (e.g., how do children act-out the following: “Tiger danced next to the wagon that Sheep sat on” and is it the same as: “Sheep sat on the wagon that Tiger danced next to”).

##### *The Tone-Segment Asymmetry: A Synchronic Learnability Gap or a Diachronic Accidental Gap?*

Collaborators: Jian Cui, doctoral student; Jesse Snedeker, Ph.D.

- Investigating, with children and adults, 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 learnability gap or an accidental gap.

##### *Predictive Processing in Autism*

Collaborators: Tanya Levari, Ph.D.; Briony Waite, doctoral student; Jesse Snedeker, Ph.D.

- Investigating predictive abilities across a range of perceptual, cognitive, and linguistic domains in children with and without autism, using electroencephalography (EEG) and standardized verbal and non-verbal reasoning measures (CELF, Kbit).

#### 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.

- Investigated the frequency of lexical and syntactic alignment in conversation between native English speakers and foreign accented English speakers.

*Cognitive Processes Engaged by Bilingualism*

Collaborators: Lauren Salig, doctoral student; Robert Slevc, Ph.D.

- Investigated the eye movements of bilingual speakers engaged in code-switching.

**Research Assistant**

2022 – 2023

Supervisor: Dr. Edward P. Lemay, Interpersonal Relationships Laboratory, University of Maryland

*Primal World Beliefs and Romantic Relationships*

Collaborators: Jennifer N. Cutri, master's student; Edward P. Lemay, Ph.D.

- Investigated the effect of Primal world beliefs on romantic relationships and coworker attitudes.

*The Risk Regulation Model and Relationship Efficacy*

Collaborators: Yuan Cheng, undergraduate student; Zizhong Xiao, doctoral student; Edward Lemay, Ph.D.

- Investigated the mediating effect of relationship efficacy on the association between self-esteem and relationship satisfaction, using dyadic analysis.

**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: Gillian E. Grose, doctoral student; Geetha B. Ramani, Ph.D.

- Investigated the influence of “action-based” language and “identity” language on persistence and gender-based math stereotypes in children.

**WORKING PAPERS**

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\* denotes co-first author

\***Shine, H. G.**, \*Canudas-Grabolosa, I., & Snedeker, J. (*in prep.*) Rapid Explicit Category Learning Using Agent and Patient Roles.

**CONFERENCE PROCEEDINGS**

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Cui, J., **Shine, H.**, Do, Y. & Snedeker, J., (2026) “Investigating the Tone-Segment Asymmetry in Phonological Counting: A Learnability Experiment”, *Proceedings of the Annual Meetings on Phonology* 2(1).  
doi: <https://doi.org/10.7275/amphonology.3699>

**CONFERENCE PRESENTATIONS**

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\* denotes the presenting author

\***Shine, H. G.**, Canudas-Grabolosa, I., & Snedeker, J. (2026, June). *Adults Readily Use Agent and Patient Categories to Guide Explicit Categorization of Event Participants*. Talk to be presented at the 4<sup>th</sup> Biennial Conference on Experiments in Linguistic Meaning, Philadelphia, PA. [talk]

\*Cui, J., **Shine, H. G.**, Do, Y., & Snedeker, J. (2025, September) *Investigating the Tone-Segment Asymmetry in Phonological Counting: A Learnability Experiment*. Talk presented at The Annual Meeting on Phonology, Berkeley, CA. [talk]

\*Marx, E., **Shine, H. G.**, Wittenberg, E., & Snedeker, J. (2025, September). *Preschoolers use Event Dynamics*

*to infer Temporal Order in Language*. Talk presented at the Architectures and Mechanisms for Language Processing Conference, Prague, Czech Republic. [talk]

\***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. [part of symposium talk]

## **POSTER PRESENTATIONS**

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\* denotes co-first author

Boyle, C. T., **Shine, H. G.**, Levari, T., & Snedeker, J. (2026, April). *The Use of Context in Sentence Completion: The Role of Language Ability in Children with and without Autism*. Poster to be presented at the 2026 Annual Meeting of the International Society for Autism Research, Prague, CZ. [poster]

**Shine, H. G.**, Canudas-Grabolosa, I., & Snedeker, J. (2026, March). *English-Speaking Adults Readily Deploy Agent and Patient Categories in Both Non-Linguistic and Linguistic Tasks*. Poster to be presented at the 39<sup>th</sup> Annual Conference on Human Sentence Processing, Cambridge, MA. [poster]

Levari, T., Waite, B., **Shine, H. G.**, Yacovone, A., & Snedeker, J. (2025, November). *Lexical Prediction in Children with and without Autism during Naturalistic Listening*. Poster presented at the 50<sup>th</sup> Boston University Conference on Language Development, Boston, MA. [poster]

\*Canudas-Grabolosa, I., \***Shine, H. G.**, Snedeker, J., Coppola, M., & Kocab, A. (2025, November). *Agent and Patient Categories in English-Speaking Children and Homesigners*. Poster presented at the 50<sup>th</sup> Boston University Conference on Language Development, Boston, MA. [poster]

Cui, J., **Shine, H. G.**, Do, Y., & Snedeker, J. (2025, November) *Investigating the Tone-Segment Asymmetry in Phonological Counting: A Learnability Experiment*. Poster presented at the 50<sup>th</sup> Boston University Conference on Language Development, Boston, MA. [poster]

**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. [poster]

**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 38<sup>th</sup> Annual Conference on Human Sentence Processing, College Park, MD. [poster]

**Shine, H. G.** & Slevc, L. R. (2025, March). *The Influence of Accent Prestige on Lexical and Syntactic Alignment in Dialogue*. Poster presented at the 38<sup>th</sup> Annual Conference on Human Sentence Processing, College Park, MD. [poster]

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, Norwich, England. [poster]

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. [poster]

**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. [poster]

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. [poster]

**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. [poster]

\*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. [poster]

**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. [poster]

\*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. Recipient of the Silver Award. [poster]

**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. [poster]

## **POSTBACCALAUREATE COURSEWORK**

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**LING 102 - Sentence Structure** Spring 2026  
Professor: Dr. Kaden Holladay, *Harvard College*

**LING 207R - Topics in Semantics** Spring 2025  
Professor: co-taught by Dr. Kathryn Davidson and Dr. Athulya Aravind, *Harvard University/MIT*

**LING 132 - Psychosemantics** Fall 2024  
Professor: co-taught by Dr. Kathryn Davidson and Dr. Jesse Snedeker, *Harvard College*

**LING 101 - The Science of Language: An Introduction** Summer 2024  
Professor: Dr. Yuhan Zhang, *Harvard Summer School*

**LING 106 - Knowledge of Meaning: Introduction to Formal Semantics** Spring 2024  
Professor: Dr. Yağmur Sağ, *Harvard College*

## **GRANTS AND SCHOLARSHIPS**

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

Maryland Summer Scholars Research Grant: \$3,000 [Declined] 2022  
Project: The Influence of Accent Prestige on Linguistic Alignment

Classics Department Scholarship: \$1,000 2022

National Italian American Foundation Scholarship: \$1,000 2022

Dean's Scholarship: \$9,000 2019

## **HONORS AND AWARDS**

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Outstanding Accomplishments in Psychology Award <i>Award recognizes up to 10 graduating seniors who have made impactful contributions on the undergraduate program, the field, or their communities.</i>	2023
Gold Award (Poster Presentation, University of Maryland Psychology Undergraduate Research Day)	2023
Silver Award (Poster Presentation, University of Maryland Psychology Undergraduate Research Day)	2022
Bronze Presidential Service Award	2022
Distinguished Dean's List of Outstanding Students (College of Behavioral and Social Sciences)	2021– 2023
College Park Scholars Citation - Science and Global Change	2021
Semester Academic Honors (College of Behavioral and Social Sciences)	2019 – 2023

## **UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE**

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PSYC 437 – The Assessment and Treatment of Addictive Behaviors Professor: Dr. Ethan Mereish, <i>University of Maryland</i>	Spring 2023
PSYC 237 – The Psychology of Evil Professor: Dr. Scott Roberts, <i>University of Maryland</i>	Winter 2023
PSYC 221 – Social Psychology Professor: Dr. Abigail Nicolas, <i>University of Maryland</i>	Fall 2022

## **MENTORSHIP**

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Cathlyn Boyle (visiting undergraduate student, <i>Harvard University</i> ) Undergraduate Thesis (Psychology): <i>The use of context in sentence completion: The role of language ability in children with and without Autism</i>	2024 – present
Isabel Sichlau (undergraduate summer intern, <i>Harvard University</i> ) Summer internship research poster: <i>Examining neural adaptation in typically developing children and children with Autism</i> Current Position: Lab Coordinator, Early Learning and Cognition Lab, University of California San Diego	2024

## **SERVICE ACTIVITIES**

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Harvard Square Homeless Shelter (HSHS)	2023 – present
Psychology Undergraduate Committee	2022 – 2023
Combating Opioid Overdose in Rural Areas (CORA) <i>Maryland's first nonprofit dedicated to curbing the effects of the opioid epidemic in rural communities</i>	2021 – 2023

## **PROFESSIONAL MEMBERSHIPS**

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Phi Beta Kappa Honor Society, Member	2023 – present
Psi Chi – International Honor Society in Psychology, Member	2022 – present
Association for Psychological Science (APS), Member	2022 – present

## **SKILLS**

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*Technical Skills:* R, SPSS, CSS, JavaScript, PennController Ibex, EyeLink 1000, Tobii Eye Tracker T60, EEG, Qualtrics, Canva, Canvas

*Languages:* English (native), Macedonian (fluent)

## **PROFESSIONAL REFERENCES**

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 Harvard University  
 Department of Psychology  
 Mentor & Lab Principal Investigator  
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