

SARAH H. WU

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EDUCATION

BA in Psychology, Reed College

Phi Beta Kappa, GPA: 3.86

May 2023

Portland, OR

Senior Thesis: *The Mind Behind the Music: AI, Intentionality, and the Perception of Musical Narrative* (advised by Dr. Kevin Holmes)

FELLOWSHIPS & AWARDS

IRiSS Predoctoral Research Fellowship Institute for Research in the Social Sciences, Stanford University	2024
Post-Reed Opportunity Grant Reed College	2023
Opportunity Grant Reed College	2022
Science Research Fellowship Reed College	2022
Commendation for Academic Excellence (x4) Reed College	2020-2023
Career Advancement Fund Reed College	2021, 2023
Cognitive Psychology Summer Research Fellowship Reed College	2021
Rothchild Summer Stipend for Music Study Reed College	2022
Jim Kahan Music Performance Summer Fellowship Reed College	2022
Violin Competition Winner Oregon American String Teachers Association	2022

RESEARCH EXPERIENCE

Predoctoral Research Fellow

July 2024 – Present

Stanford Social Media Lab

Stanford, CA

- Conducted a systematic review of 150+ recent empirical articles on algorithm aversion, submitted full paper to the International Communication Association conference
- Conceptualizing experiments on the role of agency in human-AI collaborations and contributing to a guidebook for parents on the efficacy of various social media interventions
- Engaging in graduate coursework (Language and Technology, Cognitive-AI Benchmarking)

Independent Research (Senior Thesis)

Aug 2022 – May 2023

Reed Psychology Dept.

Portland, OR

- Conceived, designed, and executed all aspects of an 8-month independent research project on perceptions of narrative structure in music, supervised by Kevin Holmes (PhD Emory)
- Conducted comprehensive literature review on music perception and human-computer interaction
- Crafted a research proposal to gain faculty and IRB committee approval
- Designed Qualtrics surveys to collect data from 200 Amazon MTurk participants, analyzed the resulting data in R
- Thesis resulted in 50-page paper (including extensive literature review, methods, results and discussion) and oral defense

Research Fellow

Jun – Aug 2022

Reed College Academic Motivation Lab

Portland, OR

- Collaborated with PI Jennifer Corpus (PhD Stanford) to investigate the psychological costs of college academics for first-year students
- Conducted comprehensive literature review to identify gaps in the literature
- Executed mixed-methods research, analyzing quantitative data using R and thematically analyzing students' descriptions of their motivational highs and lows
- Co-authored published manuscript in *International Journal of Educational Research Open* (January 2023)

Research Assistant

Oct 2020 – Aug 2021

Reed College Thought Lab

Portland, OR

- Assisted PI Kevin Holmes with cognitive psychology research on the transmission of stereotypes through syntax
- Created surveys and collected data using Qualtrics, analyzed data from hundreds of participants using R and JASP
- Designed a poster and presented the research at CogSci 2021

SKILLS

R; RStudio; Qualtrics; Amazon Mechanical Turk; L^AT_EX; basic Python

PUBLICATIONS & CONFERENCE PRESENTATIONS

Journal Papers

- **Wu, S.H.** & Corpus, J.H. (2023). The role of perceived cost in college students' motivational experiences and long-term achievement outcomes: A mixed-methods approach. *International Journal of Educational Research Open*.
- Holmes, K.J., **Wu, S.H.**, Elpers, N., Doherty, E.M., & Flusberg, S.J. (under review). How syntax promotes stereotypes: Assessing the role of pragmatic inference.
- **Wu, S.H.** & Holmes, K.J. (in preparation). Imagine that tune: Narrative listening depends on beliefs about the "mind" behind the music.

Posters

- Liu, S., **Wu, S.H.**, Stevic, A., Warren, D., & Hancock, J.T. (2024, December). Effective interventions for adolescent social media use: A systematic review of strategies. Poster presented at the Promoting Research in Social Media and Health Symposium, San Francisco, CA.
- **Wu, S. H.**, & Holmes, K. J. (2023, November). Narrative listening and beliefs about human and AI music composers. Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Schimmel, E., Madar, C. G., **Wu, S. H.**, Shan, L., Waldorf, N., Flusberg, S. J., & Holmes, K. J. (2023, July). Does experiencing an "inner voice" predict language-driven categorical perception? In *Proceedings of the 45th Annual Meeting of the Cognitive Science Society*.
- **Wu, S.H.** & Corpus, J.H. (2023, March) The role of perceived cost in college students' motivational experiences and long-term achievement outcomes: A mixed-methods approach. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Salt Lake City.
- **Wu, S.H.**, Elpers, N., Doherty, E. M., Flusberg, S.J., & Holmes, K.J. (2021, July). Pragmatic reasoning ability predicts syntactic framing effects on social judgments. Poster presented at the 43rd Annual Conference of the Cognitive Science Society (virtual).

PROFESSIONAL SERVICE

Ad hoc reviewer: *Cognitive Science, International Communication Association*

OTHER WORK EXPERIENCE

Operations Manager

Aug 2023 – Jun 2024

Peninsula Youth Orchestra (PYO)

San Carlos, CA

- Managed rehearsals, concerts, and Google Classroom content for all 7 PYO ensembles
- Served as the main point of contact for 400+ students, their parents, and staff
- Revamped website using Squarespace, proposed and executed the use of DocuSign to collect forms
- Coordinated 100 students and parents for the concert tour of Budapest, Prague, and Vienna
- Secured nearly \$3000 from the Redwood City Arts Commission Grant

Teaching Assistant, Cognitive Processes

Jan – May 2023

Reed Psychology Dept.

Portland, OR

- Supported students in an upper-level cognitive psychology course in the conception and execution of 8 lab projects
- Hosted weekly drop-in office hours for students to ask questions about course content and projects
- Provided detailed feedback on students' scientific writing

Statistics Tutor

Feb – Dec 2021

Reed College

Portland, OR

- Guided introductory statistics students through their homework in individual tutoring sessions
- Empowered students to troubleshoot their coding problems in RStudio

Private Tutor

Jun 2020 – Dec 2022

Self-employed

Remote

- Supplemented distance learning by reading books with 7 elementary and middle school students through one-on-one video calls, asking questions to check for comprehension
- Communicated with parents about their child's progress