Moshe Poliak

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Education

Massachusetts Institute of Technology	09 2022 – present
Ph.D Student in Cognitive Science. Advisor: Ted Gibson	*Cambridge USA*
Harvard University	08 2018 – 05 2022
A.B in Psychology. Summa cum laude. Thesis advisor: Jesse Snedeker	*Cambridge USA*

Journal Publications

Poliak, M., Ryskin, R., Braginsky, M., & Gibson, E. (2023). It is not what you say but how you say it: Evidence from Russian shows robust effects of the structural prior on noisy channel inferences. Journal of Experimental Psychology: Learning, Memory, and Cognition.

Conference Presentations

Poliak, M., Malik-Moraleda, S., & Gibson E. (2024). Sentence Processing Relies on Expectations Regarding Both Meaning and Structure. Poster at the LSA Annual Convention.

Poliak, M., Fang, X., Ali, M., Bergen, L., & Gibson, E. (2023). Corrective Prosody is Semantic, not Information Theoretic: An Online Speech Production Study. Poster at the 36th Annual CUNY Conference on Human Sentence Processing.

Chen, A.*, Hofer, M.*, **Poliak, M.**, Zaslavsky, N., & Levy R. (2022). The emergence of discrete and systematic communication in a continuous signal–meaning space. Poster at the 44 Annual Meeting of Cognitive Science Society (CogSci).

Poliak, M., Ryskin, R., Braginsky, M.,& Gibson, E. (2022). Effects of the structural prior on noisy-channel inference: evidence from Russian. Poster at the 35th Annual Conference in Human Sentence Processing.

Poliak, M., Yacovone, A.,& Snedeker, J. (2022). Between you and me: Use ERP decoding when between-participants variation is high. Poster at the 35th Annual Conference in Human Sentence Processing.

Poliak, M., Morehouse, K.,& Banaji, M. (2021). Gender and Judgments of Fame: Responses to "Noise" Are Sensitive to Local, Not Global, "Signal". Poster presentation at the APS Annual Convention conference.

Yacovone, A., **Poliak, M.**, Koya, H.,& Snedeker, J. (2021). ERP decoding shows bilinguals represent the language of a code-switch after lexical processing. Poster at the 34th Annual CUNY Conference on Human Sentence Processing.

* Co-first authors

Invited Talks

Language and Cognition (Harvard). Title of talk: Cross-Linguistic Noisy Channel Processing: Investigations in the Structural Prior.

Awards & Honors

Phi Beta Kappa Inductee, Alpha Iota Chapter, Junior 24   2022
Harvard University
Derek Bok Center Certificate of Distinction in Teaching   2019-2020
Harvard University
Detur Book Prize for academic achievement   2019
Harvard University

Teaching Experience

9.59 Lab in Psycholinguistics, Teaching Assistant
Instructor: Ted Gibson
MIT Undergraduate Research Opportunities Program (UROP)
Advisees: Hannah Kimura (2023-), Titus Roesler (2023), Karenna Caton (2023-), Anna Zhou (2023-), Abigail Klein (2023-)
Harvard University Teaching Fellow
Introduction to Computer Science (CS50); Web-Programming with Python and JavaScript; Introduction to Artificial Intelligence with Python; Computer Science for Managers.
Harvard College Peer Advising Fellow
Advised first-year students in their adjustment to life in college.

Professional Development

Diversity and Inclusion Badge Program
A series of online DEI courses

Service & Volunteering

BCS Application Assistance Program (AAP)
Advise students in graduate school applications
R Workshop
Instructed peers at an R workshop at MIT BCS
The Welcome Project
English Teacher for Speakers of Other Languages

Skills

Human Languages: Russian (native), Hebrew (native), English (fluent), Spanish (advanced), Arabic (MSA; proficient)
Computer Languages: R, Python, MATLAB, JavaScript, HTML, CSS, PHP, SQL, C, GIT
Software: PRAAT, SoX, Qualtrics, EC2, EEGLAB
Interests and Hobbies: Vocal performance (classical and heavy metal), film, oenology, figure skating