

Elizabeth Mieczkowski

Department of Computer Science, Princeton University

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Education & Research

Princeton University 2023 -

Ph.D. in Computer Science

Advisors: Tom Griffiths & Natalia Vélez

Massachusetts Institute of Technology 2021 - 2023

Technical Research Associate, Department of Brain and Cognitive Sciences

Advisor: Nancy Kanwisher

Cornell University 2017 - 2021

B.A. in Computer Science, Minor in Psychology

Awards & Funding

Gordon Y. S. Wu Fellowship in Engineering 2023 - 2028

Princeton University

NSF Graduate Research Fellowship (Honorable Mention) 2023

Outstanding Teaching Assistant Award 2021

Computing & Information Sciences, Cornell University

Science National Honor Society Scholarship 2017

Connecticut Board of Education Award in Mathematics 2017

Publications

Journal Publications

Mieczkowski, E., Apurva Ratan Murty, N., De Faria, W., Abate, A., Lydic, K., Kanwisher, N. (in prep). fROI-Level Computational Models Expose Key Divergences Between Brains and CNNs.

Mieczkowski, E.*, Lydic, K.*, Pantazis, D., Kanwisher, N. (in prep). MEG source localization cannot distinguish fMRI-localized regions in the ventral visual pathway.

Murty, N.A.R., Abate, A., **Mieczkowski, E.**, Khosla, M., DiCarlo, J., Kanwisher, N. (in prep). Computational Models Recapitulate Key Signatures of Face, Body, and Scene Processing in the FFA, EBA, and PPA.

Conference Proceedings

Abate, A., **Mieczkowski, E.**, Khosla, M., DiCarlo, J., Kanwisher, N., Murty, N.A.R. (2022). Computational Models Recapitulate Key Signatures of Face, Body, and Scene

Processing in the FFA, EBA, and PPA. *Journal of Vision* 22 (14), 4337. *Vision Sciences Society Meeting*.

Presentations _____

Conference Posters

Mieczkowski, E., Abate, A., De Faria, W., Lydic, K., DiCarlo, J., Kanwisher, N., Murty, N.A.R. (2023). fROI-level computational models enable broad-scale experimental testing and expose key divergences between models and brains. *Vision Sciences Society Meeting*.

Pushpita, S.N., **Mieczkowski, E.**, Duchaine, B., Murty, N.A.R. (2023). Intensive fMRI scanning and model development can provide insight into the neural basis of individual developmental prosopagnosia participants. *Vision Sciences Society Meeting*.

Khosla, M., Murty, N.A.R., **Mieczkowski, E.**, Kanwisher, N. (2022). A Highly Selective Neural Response to Food in Human Visual Cortex Revealed by Hypothesis-Free Voxel Decomposition. *Conference on Cognitive Computational Neuroscience*.

Invited Talks

Comparing stimulus-computable encoding models to the ventral visual pathway in the human brain. Invited speaker: MetaConscious Group Meeting. July 17, 2022.

Teaching _____

CS 4300: Language and Information Cornell University	Spring 2021
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Professional Experience _____

Product & Data Intern The New York Times	Summer 2020
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Software Engineering Intern The New York Times	Summer 2019
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