

# Stanford

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## Alisa Hathaway

Ph.D. Student in Electrical Engineering, admitted Autumn 2022

### Bio

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#### BIO

Alisa (she/her) is a 4th year Electrical Engineering PhD Candidate in the Neural Interaction Lab. She is currently interested in olfaction, the gut, and the brain. Previously, she earned a BS from MIT, where she conducted research on various medical electronics. Outside of her PhD, Alisa loves camping, reading, and playing piano.

#### HONORS AND AWARDS

- Stanford Bio-X Food Fellowship, Stanford Bio-X (2025-2026)
- Graduate Research Fellowship, National Science Foundation (2022-2025)
- NeuroTech Training Program Fellowship, Stanford University Center for Mind, Brain, Computation and Technology (2023-2025)

#### EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford , Electrical Engineering (2024)
- Bachelor of Science, MIT , Computation and Cognition (2022)

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

flexible electronics; neuroscience, medical devices

### Publications

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#### PUBLICATIONS

- **Joint Multi-Frequency Beam Shaping and Steering via Space-Time-Coding Digital Metasurfaces** *ADVANCED FUNCTIONAL MATERIALS*  
Castaldi, G., Zhang, L., Moccia, M., Hathaway, A. Y., Tang, W., Cui, T., Galdi, V.  
2021; 31 (6)