

# Anna Mynick

6207 Moore Hall, Hanover, NH 03755  
anna.r.mynick.gr@dartmouth.edu

## EDUCATION

Dartmouth College, Hanover, NH — PhD student in Cognitive Neuroscience, 2019-Present  
Advisor: Caroline Robertson  
Wellesley College, Wellesley, MA — Bachelor of Arts in Neuroscience, 2013-2017  
Advisor: Mike Wiest

## ACADEMIC POSITIONS

Technical Associate, Kanwisher Lab, MIT — 2017-2019  
Supervisor: Nancy Kanwisher  
Undergraduate Researcher, Kanwisher Lab, MIT — 2014-2017  
Advisor: Caroline Robertson

## AWARDS

CVS Active Vision Symposium Travel Award — 2022  
NSF Graduate Research Fellowship Program, Honorable Mention — 2020  
Sigma Xi Scientific Honor Society — 2017

## SKILLS

MATLAB, Unix, Git, R. Some experience with: Python, Unity, C#, SPSS

## PUBLICATIONS

### *Journal Articles*

Murty, N. A. R., Teng, S., Beeler, D., **Mynick, A.**, Oliva, A., & Kanwisher, N. (2020). Visual experience is not necessary for the development of face-selectivity in the lateral fusiform gyrus. *Proceedings of the National Academy of Sciences*, 117(37), 23011-23020.  
Isik, L., **Mynick, A.**, Pantazis, D., & Kanwisher, N. (2020). The speed of human social interaction perception. *NeuroImage*, 215, 116844.  
Robertson, C. E., Hermann, K. L., **Mynick, A.**, Kravitz, D. J., & Kanwisher, N. (2016). Neural representations integrate the current field of view with the remembered 360 panorama in scene-selective cortex. *Current Biology*, 26(18), 2463-2468.

### *Talks*

**Mynick, A.**, Burrows, A., Garcia, B., Botch, T.L., Steel, A., Robertson, C. (2022). Memory-based predictions in real-world, 360° environments. Dartmouth College Cognitive Brown Bag Meeting.  
**Mynick, A.**, Robertson, C., & Kanwisher, N. (2017). Active Exploration Benefits Memory for 360° Scenes Experienced with Headmounted Virtual Reality. Vision Sciences Society Annual Meeting.

### *Abstracts*

- Mynick, A.**, Burrows, A., Garcia, B., Botch, T.L., Steel, A., Robertson, C. (2022). Memory-based predictions across head-turns in naturalistic scene perception. Center for Visual Science Active Vision Symposium Annual Meeting.
- Mynick, A.**, Burrows, A., Garcia, B., Botch, T.L., Steel, A., Robertson, C. (2022). Memory-based predictions across head-turns in naturalistic scene perception. Vision Sciences Society Annual Meeting.
- Mynick, A.**, Burrows, A., Garcia, B., Botch, T.L., Robertson, C. (2021). Discrete scene snapshots prime perception of 360° space in immersive real-world scenes. Society for Neuroscience Annual Meeting.
- Mynick, A.**, Garcia, B., & Robertson, C. (2021). Discrete field-of-view primes reinstate holistic representations of 360° space. Vision Sciences Society Annual Meeting.
- Murty, N. A. R., Teng, S., Beeler, D., **Mynick, A.**, Oliva, A., & Kanwisher, N. (2019). Strong face selectivity in the fusiform can develop in the absence of visual experience. Vision Sciences Society Annual Meeting.
- Isik, L., **Mynick, A.**, Koldewyn, K., & Kanwisher, N. (2018). Rapid detection of social interactions in the human brain. Vision Sciences Society Annual Meeting.
- Robertson, C., Hermann, K., **Mynick, A.**, Kravitz, D., & Kanwisher, N. (2016). Panoramic Memory Shapes Visual Representations of Scenes. Vision Sciences Society Annual Meeting.
- Robertson, C., **Mynick, A.**, Raja, S., & Kanwisher, N. (2015). Advancing a Biomarker of Reduced GABAergic Action in the Autistic Brain. Society for Neuroscience Annual Meeting.

### **Teaching Experience**

#### *Dartmouth College*

Teaching Assistant, PSYC36: Systems Neuroscience — 2022 (in progress)

Teaching Assistant, PSYC 38: Cognitive Neuroscience — 2022

Teaching Assistant, PSYC 10: Experimental Design, Methodology, and Data Analysis Procedures — 2021

Teaching Assistant, PSYC 6: Introduction to Neuroscience — 2020