

# Nora Bradford

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## Education

- 2020 – Present    📖 **Ph.D. Cognitive Sciences, University of California, Irvine**  
**M.S. Cognitive Neuroscience, University of California, Irvine**  
Advisor: *Dr. Megan Peters*
- 2015 – 2019    📖 **B.S. Neuroscience, B.A. Psychology, B.A. Philosophy, University of Chicago**  
Advisor: *Dr. Lesley Kay*

## Experience

- 2023    📖 **Data Science Intern**, McGraw Hill Plus.
- 2022    📖 **Summer Science Writer**, Marine Biological Laboratory, Woods Hole, MA.  
📖 **Science Writing and Communications Intern**, The Broad Institute, MIT & Harvard.
- 2021-22    📖 **Graduate Student Researcher**, Digital Learning Lab, UC Irvine, Dr. Mark Warschauer.

## Selected Accolades

- 2024    📖 **AAAS Graduate Travel Fellowship**, National Association of Science Writers.  
📖 **WAC + WID Graduate Scholar**, UC Irvine Writing Center.
- 2023    📖 **Science Journalism Workshop Acceptance**, Institute for Advanced Study, Princeton, NJ.
- 2022    📖 **Professional Development Award**, DECADE.  
📖 **Norman Weinberger Award**, UCI Center for the Neurobiology of Learning and Memory.  
📖 **Inclusive Excellence Award**, UCI Graduate Division.
- 2021    📖 **NASW Travel Fellowship**, Council for the Advancement of Science Writing.  
📖 **Award for Public Writing**, UCI School of Social Sciences.  
📖 **Graduate Innovation Fellowship**, UCI Beall Applied Innovation.
- 2020-21    📖 **Science Communication Fellowship**, Loh Down On Science Podcast, NPR.

## Research

### Symposia and Workshops

- 1 **Communicating Consciousness Science to Funders and the General Public**, the annual meeting of the Association for the Scientific Study of Consciousness, New York, NY (June 22-25, 2023)
- 2 **ComSciCon-SciWri Workshop**, the annual Science Writers meeting, Memphis, TN (2022)

### Publications and Conference Proceedings

- 1 **Bradford, N., Shen, A., Odegaard, B., Peters, M. A. K.** (2023) Aligning consciousness science and funding agency priorities. *PsyArXiv*
- 2 **Bradford, N., Xu, Y., Garg, R.** (2023) Transparency Enhances Positive Perceptions of Social Artificial Intelligence. *Human Behavior and Emerging Technologies*
- 3 Xu, Y., Wang, D., Yu, M., Ritchie, D., Yao, B., Wu, T., Zhang, Z., Li, T., **Bradford N.**, Sun, B., Hoang, T., Sang, Y., Hou, Y., Ma, X., Yang, D., Peng, N., Yu, Z., Warschauer, M. (2022). Fantastic questions and where to find them: FairytaleQA— An authentic dataset for narrative comprehension. *Association for*

4 Grasselli G., Boele H.J., Tittley H., **Bradford N.**, van Beers L., Jay L., De Zeeuw C.I., Schonewille M., Hansel C. Learning deficit associated with a selective and cell-type specific impairment of intrinsic plasticity in cerebellar Purkinje cells. *PLoS Biology*

## Selected Talks

1 **Bradford N.**, Maniscalco, B., Peters, M. Model-based approach for extracting performance-independent metacognitive sensitivity from meta-learning data, New York, NY (June 22-25, 2023)

2 **Bradford N.**, Peters, M. Metacognition and learning: Bridging the gap between the lab and the classroom, 2023 International Conference on Learning and Memory, Huntington Beach, CA (April 26-30, 2023)

3 Lee, M. (presenter), **Bradford N.**, Tejada, H. Using Thurstonian ranking models to find the wisdom of the crowd, European Mathematical Psychology Group Meeting, Rovereto, Italy (September 5-7, 2022)

4 **Bradford N.**, Peters, M. Effects of Perceived Numerosity on Confidence, Association for the Scientific Study of Consciousness Annual Meeting, Amsterdam, the Netherlands (July 12-14, 2022)

5 **Bradford N.**, Peters, M. Investigating Metacognitive Sensitivity in Online Learning Tool for Undergraduates, Neuromatch Conference, virtual (Dec 1-2, 2021)

## Selected Posters

1 **Bradford N.**, Peters, M. Metacognition and learning: Bridging the gap between the lab and the classroom, 2023 International Conference on Learning and Memory, Huntington Beach, CA (April 26-30, 2023)

2 **Bradford N.**, Tao E., Nguyen V., Kay L. Testing Piriform Cortex inputs to Granule Cells as Modulators of Excitability leading to Beta Oscillations, Midwestern Psychological Association Annual Meeting, Chicago, IL (April 11-13, 2019)

3 **Bradford N.**, Tao E., Nguyen V., Kay L. Testing Piriform Cortex inputs to Granule Cells as Modulators of Excitability leading to Beta Oscillations. Midstates Consortium for Math and Science Undergraduate Research Symposium on Biological Sciences and Psychology. Chicago, IL (November 2018)

## Science Writing

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Scientific American	📌 Humans Can Spot Tiny Numerical Differences
	📌 Octopuses Are Colorblind. Here's How They See the World
	📌 Soft Robots Take Steps toward Independence
	📌 How Octopus Arms Bypass the Brain
Quanta Magazine	📌 What Your Brain Is Doing When You're Not Doing Anything
Science News	📌 Stimulating spleens with ultrasound hints at a treatment for inflammation
	📌 The classic map of how the human brain manages movement gets an update
	📌 Scientists have now recorded brain waves from freely moving octopuses
Discover	📌 Research on Psychedelics and How Mushrooms Can Help Combat Depression