

# CORALINE RINN IORDAN

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## ACADEMIC APPOINTMENTS

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2023 - Assistant Professor, Brain and Cognitive Sciences Department, **University of Rochester** (primary appointment)  
2023 - Assistant Professor, Neuroscience Department, **University of Rochester** (secondary appointment)  
2023 - Affiliated Faculty, Neuroscience Graduate Program, **University of Rochester**  
2023 - Affiliated Faculty, Goergen Institute for Data Science, **University of Rochester**  
2021 - 2022 Associate Research Scholar, Princeton Neuroscience Institute & Psychology Department, **Princeton University**  
2016 - 2021 Postdoctoral Researcher, Princeton Neuroscience Institute & Psychology Department, **Princeton University**  
Advisors: Jonathan D. Cohen, Daniel N. Osherson, Kenneth A. Norman, & Nicholas B. Turk-Browne

## EDUCATION

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2009 - 2016 Ph.D., Computer Science, **Stanford University**, Advisors: Fei-Fei Li & Diane M. Beck  
2009 - 2016 M.S., Computer Science, **Stanford University**, Advisors: Fei-Fei Li & Diane M. Beck  
2005 - 2009 B.A., Computer Science, Mathematics, Cognitive Science, **Williams College**

## RESEARCH INTERESTS

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### General Areas

Visual and Naturalistic Cognition  
Learning and Neural Plasticity

Cognitive Neuroscience  
Categorization and Semantics

### Techniques

Functional magnetic resonance imaging (fMRI)  
Neural network modeling  
Behavioral psychophysics

Real-time neuroimaging  
Neurofeedback  
Machine learning

## GRANTS

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### Research Grants & Fellowships

2020 GRAMMY Museum Foundation Research Grant, *Investigating the neural hierarchy of audio-motor integration during naturalistic music performance*, Co-PI, Direct costs: \$19,758 (PI: Elise A. Piazza, Princeton University).  
2015 Phi Beta Kappa William and Adeline Hendess Graduate Fellowship, Doctoral Dissertation Fellowship, \$5,000.  
2009 William R. Hewlett Stanford University Graduate Fellowship, Full support for 3 years of doctoral dissertation research, \$224,900.  
2009 Williams College Horace F. Clark Graduate Fellowship, Support for graduate research, \$4,000.

### Professional Development Grants & Fellowships

2024 Cognitive Science Society Broadening Participation Grant, *Neuro2All: Making Science Accessible to Children from Under-Represented Communities of Rochester, NY*, finalist (PI: Kathryn K. Toffolo, University of Rochester).  
2023 University of Rochester Course Development Fellowship, *Advanced Topics in Cognitive Neuroscience*, \$1,000.  
2018 Princeton University Psychology Department Langfeld Fund Professional Development Grant, Funding for organizing Alan Alda Center for Communicating Science workshop at the Princeton Neuroscience Institute, \$42,610.  
2014 Stanford University VPGE Community Engagement Grant, Funding for organizing Science Teaching Through Art (STAR) professional development and outreach program, \$2,500.  
2014 Stanford University SPICE Community Enhancement Grant, Funding for organizing Science Teaching Through Art (STAR) professional development and outreach program, \$700.

## PUBLICATIONS

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- Iordan**, Ritvo, Norman, Turk-Browne, & Cohen. (2024) Sculpting new visual concepts into the human brain. *Proceedings of the National Academy of Sciences (PNAS)*.
- Peng, Wammes, Nguyen, **Iordan**, Norman, & Turk-Browne. (2024). Inducing representational change in the hippocampus through real-time neurofeedback. *Philosophical Transactions of the Royal Society B*.
- Sun & **Iordan**. (2024). Event similarity and word-level salience predict how humans summarize information from complex naturalistic narratives. *Proceedings of the 8<sup>th</sup> Annual Conference on Cognitive and Computational Neuroscience (CCN)*.
- Iordan**, Giallanza, Ellis, Beckage, & Cohen. (2022). Context matters: Recovering human semantic structure from machine learning analysis of large-scale text corpora. *Cognitive Science*. (top ten most cited *Cognitive Science* papers in 2022-2023)
- Iordan**, Ellis, Lesnick, Osherson, & Cohen. (2018). Feature ratings and empirical dimension-specific similarity explain distinct aspects of semantic similarity. *Proceedings of the 40<sup>th</sup> Annual Meeting of the Cognitive Science Society*.
- Piazza, **Iordan**, & Lew-Williams. (2017). Mothers consistently alter their unique vocal fingerprints to communicate with infants. *Current Biology*.
- Iordan**, Greene, Beck, & Fei-Fei. (2016). Typicality sharpens neural representations in object-selective cortex. *Neuroimage*.
- Iordan**, Joulin, Beck, & Fei-Fei. (2015). Locally-optimized inter-subject alignment of functional cortical regions. *Proceedings of the 4<sup>th</sup> Annual Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NeurIPS)*.
- Iordan**, Greene, Beck, & Fei-Fei. (2015). Basic level category structure emerges gradually across human ventral visual cortex. *Journal of Cognitive Neuroscience*.
- Baldassano, **Iordan**, Beck, & Fei-Fei. (2012). Discovering voxel-level functional connectivity between cortical regions. *Proceedings of the 1<sup>st</sup> Annual Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NeurIPS)*.
- Baldassano, **Iordan**, Beck, & Fei-Fei. (2012). Voxel-level functional connectivity using spatial regularization. *Neuroimage*.
- Grigoriev, **Iordan**, Lubin, Ince, & Silva. (2012). On  $\mu$ -compatible metrics and measurable sensitivity. *Colloquium Mathematicum*.
- Heeringa, **Iordan**, & Theran. (2011). Searching in dynamic partial orders. *Algorithms and Data Structures Symposium (WADS)*.
- Barker, **Iordan**, Albrecht, & Raghavan. (2008). Kudzu: A self-balancing P2P file transfer system. *Proceedings of the 3<sup>rd</sup> Workshop on Tackling Computer Systems Problems with Machine Learning (SysML)*.

## PREPRINT

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- Shulhan, **Iordan**, Fu, Mekjan, Attwood, Zeng, Pobric, Zasiiekina, & Talmi. (2024). Emotional similarity between personally-relevant photographs of negative world events. *Preprint at [OSE](#)*. (under review)

## AWARDS AND HONORS

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| 2018 | Society for Neuroscience (SfN) Postdoctoral Trainee Professional Development Award (TPDA)       |
| 2017 | Real-Time Functional Imaging and Neurofeedback Conference (rtfIN) Best Poster Award             |
| 2017 | Real-Time Functional Imaging and Neurofeedback Conference (rtfIN) Travel Award                  |
| 2015 | Society for Neuroscience (SfN) Graduate Student Trainee Professional Development Award (TPDA)   |
| 2015 | Stanford University Bio-X Vision Sciences Society (VSS) Travel Award                            |
| 2015 | Cognitive Neuroscience Society (CNS) Travel Award   |
| 2014 | Stanford University Bio-X Society for Neuroscience (SfN) Travel Award                           |
| 2013 | Science Teaching Through Art (STAr) Best Presenter Award  |
| 2013 | Science Teaching Through Art (STAr) Best Poster Award   |
| 2009 | Sigma Xi Scientific Society, <i>elected</i>   |
| 2009 | Computing Research Association (CRA) Outstanding Undergraduate Awards, <i>Honorable Mention</i> |
| 2008 | Phi Beta Kappa Academic Honor Society, <i>elected</i>   |

## INVITED TALKS

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2024/08	University of Rochester	Center for Visual Science Biennial Symposium
2022/12	University of Rochester	Computer Science Department Colloquium
2022/02	Vanderbilt University	Computer Science & Biomedical Engineering Seminar
2022/01	Wesleyan University	Computer Science Department Seminar
2020/02	Princeton University	Bio-Engineering Colloquium Series
2020/01	Williams College	Computer Science Department Seminar
2019/05	University of Rochester	Brain and Cognitive Sciences Department Seminar
2019/04	McMaster University	Psychology, Neuroscience, and Behavior Colloquium
2019/03	Indiana University	Machine Learning and Psychology Colloquium
2019/01	University of Toronto	Statistics & Psychology Colloquium
2018/12	Pomona College	Computer Science Department Colloquium Series
2017/09	Princeton University	Cognitive Research Seminar Series
2016/11	Williams College	Cognitive Science Colloquium Series
2016/02	University of California, Berkeley	Psychology Department Seminar
2015/09	Princeton University	Princeton Neuroscience Institute Seminar
2015/01	Stanford University	Psychology Department Vision Lunch Seminar
2014/10	Cañada College	STEM Speaker Series
2013/08	University of Rochester	Brain and Cognitive Sciences Department Seminar
2013/08	University of California, Berkeley	Vision Science Department Annual Retreat

## CONFERENCE PRESENTATIONS

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### 2025

Zeng, Lilienthal, **Iordan**, White, & Piazza. (2025). Multidimensionality and individual differences in the perception of creativity in improvised narratives. *Society for Psychology of Aesthetics, Creativity, and the Arts Annual Conference (SPACA)*. **(Talk)**

### 2024

Sun & **Iordan**. (2024). Event similarity and word-level salience predict how humans summarize information from complex naturalistic narratives. *Proceedings of the 8<sup>th</sup> Annual Conference on Cognitive and Computational Neuroscience (CCN)*.

### 2023

Zeng, Lilienthal, **Iordan**, White, & Piazza. (2023). Adapting a language transformer model to capture subjective judgments of narrative creativity. *Graduate Research Symposium, University of Rochester*. **(Best Poster Award)**

Peng, Wammes, Nguyen, **Iordan**, Norman, & Turk-Browne. (2023). Non-monotonic plasticity from real-time inception of competition between object representations. *Vision Sciences Society Annual Meeting (VSS)*.

### 2022

Zeng, Lilienthal, **Iordan**, & Piazza. (2022). Using a language transformer model to capture creativity in improvised narratives. *Cognitive Science Society Annual Meeting (CogSci)*. **(Talk)**

Cassano, Williams, **Iordan**, Hasson, & Piazza. (2022). Hierarchical processing of naturalistic music during production and perception. *Society for Music Perception and Cognition (SMPC)*.

Zeng, Lilienthal, **Iordan**, & Piazza. (2022). Using a language transformer model to capture creativity in improvised narratives. *7<sup>th</sup> Meeting of the Society for the Neuroscience of Creativity (SfNC)*.

**Iordan**, Ritvo, Norman, Turk-Browne, & Cohen. (2022). Sculpting new visual concepts into the human brain. *Vision Science Society Annual Meeting (VSS)*. **(Talk)**

### 2021

Piazza, Cassano, Williams, **Iordan**, Izen, & Hasson. (2021). A naturalistic approach to studying temporal processing during musical performance. *181<sup>st</sup> Meeting of the Acoustical Society of America (ASA)*.

- Cassano, Williams, **Iordan**, Hasson, & Piazza. (2021). Hierarchical processing of temporal information during naturalistic music production and perception. *Annual NeuroMusic Conference (NeuroMusic)*.
- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2021). Sculpting new visual concepts into the human brain. *Society for Neuroscience Annual Meeting (SfN)*.
- Slaughter, Peterson, **Iordan\***, & Cohen\*. (2021). Using convolutional neural networks to improve automatic predictions of human behavior and neural representations. *Leadership Alliance National Symposium (LANS)*.
- Iordan**, Giallanza, Ellis, Beckage, Cohen. (2021). Context matters: Recovering human visual and semantic structure from machine learning analysis of large-scale text corpora. *Vision Sciences Society Annual Meeting (VSS)*.

## 2020

- Iordan**, Ritvo, Norman, Turk-Browne, & Cohen. (2020) Programming the human brain with new visual concepts. *The 3rd NeuroMatch Conference (NeuroMatch 3.0)*. **(Talk)**
- Slaughter, Peterson, **Iordan\***, & Cohen\*. (2020). Using convolutional neural networks to predict human behavior and neural representations. *Leadership Alliance National Symposium (LANS)*.
- Iordan**, Giallanza, Ellis, Beckage, & Cohen. (2020). Context matters: Recovering human semantic structure from machine learning analysis of large-scale text corpora. *Cognitive Science Society Annual Meeting, Neural Network Models of Cognition Affinity Group (CogSci)*. **(Talk)**
- Iordan**, Ritvo, Norman, Turk-Browne, & Cohen. (2020) Creating visual categories using closed-loop real-time fMRI neurofeedback. *Vision Sciences Society Annual Meeting (VSS)*. **(Talk)**

## 2019

- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2019). Creating visual categories using closed-loop real-time fMRI neurofeedback. *Real-Time Functional Imaging and Neurofeedback Conference (rtfIN)*.
- Iordan**, Giallanza, Ellis, Osherson, & Cohen. (2019). Uncovering the neural underpinnings of semantic similarity judgments. *Society for Neuroscience Annual Meeting (SfN)*. **(Talk)**
- Giallanza, **Iordan**, Ellis, & Cohen. (2019). Context-aware word embedding models significantly improve prediction of human conceptual relationships. *Society for Neuroscience Annual Meeting (SfN)*. **(Talk)**
- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2019). Using closed-loop real-time fMRI neurofeedback to induce neural plasticity and influence perceptual similarity. *Vision Sciences Society Annual Meeting (VSS)*.
- Riberto, **Iordan**, Paz, Pobric, & Talmi. (2019). Using representational similarity analysis to investigate emotional effects on mental representation. *Israel Society for Neuroscience Annual Meeting (ISfN)*.

## 2018

- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2018). Using closed-loop real-time fMRI neurofeedback to induce neural plasticity and influence perceptual similarity. *Society for Neuroscience Annual Meeting (SfN)*. **(Professional Development Award)**
- Hoskin, Musslick, **Iordan**, & Cohen. (2018) Why we struggle to multitask: Converging evidence from computational modeling, human behavior, and neuroimaging. *Society for Neuroscience Annual Meeting (SfN)*.
- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2018). Inducing neural plasticity and perceptual similarity using real-time fMRI neurofeedback. *Organization for Human Brain Mapping Annual Meeting (OHBM)*.
- Iordan**, Ellis, Osherson, & Cohen. (2018). Feature ratings and empirical dimension-specific similarity explain distinct aspects of semantic similarity. *Cognitive Science Society Annual Meeting (CogSci)*. **(Talk)**
- Iordan**, Ritvo, Norman, Turk-Browne, & Cohen. (2018) Inducing neural plasticity and perceptual similarity using real-time fMRI neurofeedback. *Vision Sciences Society Annual Meeting (VSS)*. **(Talk)**

## 2017

- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2017). KL-Evidence: A novel multivariate method for differentiating representations. *Real-Time Functional Imaging and Neurofeedback Conference (rtfIN)*. **(Travel Award) (Best Poster Award)**
- Iordan**, Ritvo, Norman, Turk-Browne, Cohen. (2017). Inducing neural plasticity and perceptual similarity using real-time fMRI neurofeedback. *Society for Neuroscience Annual Meeting (SfN)*.
- Piazza, **Iordan**, Lew-Williams, & Hasson. (2017). The importance of “motherese”: Early drivers of successful communication. *Society for Neuroscience Annual Meeting (SfN)*.
- Piazza, **Iordan**, & Lew-Williams. (2017). Mothers consistently alter their unique vocal fingerprints to communicate with their infants. *Interdisciplinary Advances in Statistical Learning (IASL)*.
- Iordan**, Ellis, Osherson, & Cohen. (2017). The relative contribution of features and dimensions to semantic similarity. *Vision Sciences Society Annual Meeting (VSS)*.

Piazza, **Iordan**, & Lew-Williams. (2017). Timbre code-switching: How mothers alter their unique vocal statistics to communicate with their children. *Biennial Meeting of the Society for Research in Child Development (SRCD)*.

## 2016

**Iordan**, Greene, Beck, & Fei-Fei. (2016). Sequential warping of neural representations according to cognitive principles across the ventral stream. *Society for Neuroscience Annual Meeting (SfN)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2016). Category boundaries and typicality warp the neural representation space of real-world categories. *Cognitive Neuroscience Society Annual Meeting (CNS)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2016). Typicality sharpens category boundaries in object-selective cortex. *Stanford University Bio-X Interdisciplinary Initiatives Symposium (IIP)*.

## 2015

**Iordan**, Joulin, Beck, & Fei-Fei. (2015). Locally-optimized inter-subject alignment of functional cortical regions. *Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NIPS)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2015). Typicality sharpens neural representations in object-selective cortex. *Society for Neuroscience Annual Meeting (SfN)*. **(Talk) (Professional Development Award)**

**Iordan**, Fannjiang, Beck, & Fei-Fei. (2015). Pushing the boundaries of fine-grained object fMRI decoding in human visual cortex. *Organization for Human Brain Mapping Annual Meeting (OHBM)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2015). Basic level category structure emerges gradually across human ventral visual cortex. *Bay Area Vision Research Day (BAVRD)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2015). Category boundaries and typicality warp the neural representation space of real-world categories. *Vision Sciences Society Annual Meeting (VSS)*. **(Talk) (Travel Award)**

**Iordan**, Greene, Beck, & Fei-Fei. (2015). Typicality sharpens neural representations in object-selective cortex. *Cognitive Neuroscience Society Annual Meeting (CNS)*. **(Talk) (Travel Award)**

## 2014

**Iordan**, Greene, Beck, & Fei-Fei. (2014). Cohesion and distinctiveness in human visual cortex favor basic level representations. *Society for Neuroscience Annual Meeting (SfN)*. **(Talk) (Travel Award)**

**Iordan**, Greene, Beck, & Fei-Fei. (2014). Real-world objects acquire basic-level advantage in occipito-temporal cortex. *Biomedical Computation at Stanford University (BCATS)*. **(Best Poster Award Runner-Up)**

**Iordan**, Joulin, Beck, & Fei-Fei. (2014). Locally-optimized inter-subject alignment of functional cortical regions. *Vision Sciences Society Annual Meeting (VSS)*. **(Talk)**

**Iordan**, Greene, Beck, & Fei-Fei. (2014). Cohesion and distinctiveness in human visual cortex favor basic level representations. *Stanford Center for Biomedical Imaging Annual Symposium (CBIS)*. **(Talk)**

## 2013

**Iordan**, Greene, Beck, & Fei-Fei. (2013). Real-world objects acquire basic-level advantage occipito-temporal cortex. *Bay Area Vision Research Day (BAVRD)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2013). Object typicality sharpens neural representations in object-selective cortex. *Vision Sciences Society Annual Meeting (VSS)*. **(Talk)**

**Iordan**, Greene, Beck, & Fei-Fei. (2013). Real-world objects acquire basic-level advantage occipito-temporal cortex. *Cognitive Neuroscience Society Annual Meeting (CNS)*.

## 2012

Baldassano, **Iordan**, Beck, & Fei-Fei. (2012). Discovering voxel-level functional connectivity between cortical regions. *Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NIPS)*.

**Iordan**, Greene, Beck, & Fei-Fei. (2012). Neural representations of object categories at multiple taxonomic levels. *Vision Sciences Society Annual Meeting (VSS)*. **(Talk)**

## 2011

Baldassano, **Iordan**, Beck, & Fei-Fei. (2011). Fine-grained functional connectivity using spatial regularization. *Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NIPS)*.

Baldassano, **Iordan**, Beck, & Fei-Fei. (2011). Objects in context: Decoding and connectivity. *Collaborative Research in Computational Neuroscience Principal Investigators' Meeting (CRCNS)*.

Baldassano, **Iordan**, Beck, & Fei-Fei. (2011). Decoding objects undergoing contextual violations. *Vision Sciences Society Annual Meeting (VSS)*.

Heeringa, **Iordan**, & Theran. (2011). Searching in dynamic partial orders. *Algorithms and Data Structures Symposium (WADS)*.

Jordan, Greene, Beck, & Fei-Fei. (2011). Translation invariance of natural scene categories. *Vision Sciences Society Annual Meeting (VSS)*.  
(Talk)

2008

Barker, Jordan, Albrecht, & Raghavan. (2008). Kudzu: A self-balancing P2P file transfer system. *Workshop on Tackling Computer Systems Problems with Machine Learning (SysML)*.

## TEACHING EXPERIENCE

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### Primary Instructor

#### University of Rochester

Cognition. Brain and Cognitive Sciences & Psychology (undergraduate, lecture): Spring 2024, Spring 2025

Advanced Topics in Cognitive Neuroscience. Brain and Cognitive Sciences & Neuroscience (graduate, lecture & seminar): Fall 2023, Fall 2024

#### Princeton University

Neuroscience Senior Thesis Workshop. Neuroscience (undergraduate, seminar): Fall 2020

Neuroscience Junior Tutorial. Neuroscience (undergraduate, seminar): Fall 2017

### Guest Lectures

University of Rochester. Neuroscience. Systems Neuroscience (graduate, lecture): Apr 2025

University of Rochester. Brain and Cognitive Sciences. Advanced Cognition (graduate, lecture & seminar): Feb 2025

University of Rochester. Biostatistics. Modeling Neural Responses to Natural Stimuli (graduate, lecture): Nov 2024

University of Rochester. Brain and Cognitive Sciences. Intro to Computational Neuroscience (graduate, lecture): Oct 2024

University of Rochester. Neuroscience. Systems and Integrative Neuroscience (graduate, seminar): Mar 2024

University of Rochester. Brain and Cognitive Sciences. Advanced Cognition (graduate, lecture & seminar): Mar 2024

Princeton University. Neuroscience. Scientific Computing Using Matlab and Python (undergraduate, lecture): Jul 2020

Stanford University. Computer Science. Computer Vision and Applications (undergraduate & graduate, lab): Oct 2014

### Course Assistant

Stanford University. Computer Science. Computer Vision and Applications (undergraduate & graduate, lab): Fall 2014

Stanford University. Computer Science. Machine Learning (undergraduate & graduate, lab): Fall 2011

Williams College. Computer Science, Programming Languages (undergraduate, lab): Spring 2008, Spring 2009

Williams College. Computer Science. Theory of Computation (undergraduate, lecture): Fall 2007, Fall 2008

Williams College. Mathematics. Linear Algebra (undergraduate, lecture): Fall 2006, Fall 2007, Spring 2008

Williams College. Computer Science. Microarchitecture (undergraduate, lab): Fall 2006

## MENTORSHIP

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### Graduate Students

Alex Ye, Ph.D. student, Brain and Cognitive Sciences (2024— )

Aishwarya Jayan, Ph.D. student, Neuroscience (2024— )

Claire Sun, Ph.D. student, Brain and Cognitive Sciences (2023— )

### Undergraduate Students

Vandita Soni, University of Rochester, Brain and Cognitive Sciences (2024— )

Odessa Meulbroek, University of Rochester, Brain and Cognitive Sciences (2024— )

Meliora Fellow (2024)

Xiomara Ortiz Lopez, University of Rochester, Brain and Cognitive Sciences (2024)

Ronald E. McNair Scholar (2023—2025)

William Slatton, Princeton University, Neuroscience (2021—2022)

Next: *Ph.D. candidate in Neuroscience*, New York University (2023— )

Joshua Slaughter, Princeton University, Neuroscience (2020—2021)

Next: *Marshall Scholar & Ph.D. candidate in Biomedical Engineering*, University of Edinburgh (2022— )

Tyler Giallanza, Princeton University, Neuroscience (2019—2020)

Next: *Ph.D. candidate in Neuroscience*, Princeton University (2020— )

Clara Fannjiang, Stanford University, Computer Science (2014—2015)

Next: *Ph.D. in Computer Science*, University of California, Berkeley (2018—2023)

Now: *Research Scientist*, Genentech

#### **Ph.D. Thesis Committees**

Member, Calli Smith (2024— ) University of Rochester, Brain and Cognitive Sciences, Advisor: Elise A. Piazza

Member, Abigail Alpers (2024—), University of Rochester, Neuroscience, Advisors: Manuel Gomez-Ramirez & Angela Hewitt

Member, Riesa Cassano-Coleman (2024— ), University of Rochester, Brain and Cognitive Sciences, Advisor: Elise A. Piazza

Member, Olympia Mathiaparanam (2023— ), University of Rochester, Brain and Cognitive Sciences, Advisor: Karl Rosengren

Chair, Mehreen Sultana (2024), University of Rochester, Physics, Advisor: Kevin McFarland

Chair, William Gantt (2024), University of Rochester, Computer Science, Advisor: Aaron Steven White

#### **Post-Baccalaureate Advisory Committees**

Emma Susi (2024—2025), University of Rochester Medical Center, Post-Baccalaureate Research Education Program (PREP)

Pavel Rjabtsenkov (2023—2024), University of Rochester Medical Center, Post-Baccalaureate Research Education Program (PREP)

#### **Undergraduate Honors Thesis Committees**

Joanne Li (2024), University of Rochester, Brain and Cognitive Sciences, Advisor: Laurel Carney

Qianying Wu (2023), University of Rochester, Brain and Cognitive Sciences, Advisor: Duje Tadin

Alyssa Rohan (2020), Bates College, Neuroscience, Advisor: Michelle R. Greene

## **SERVICE**

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### **University of Rochester**

#### Committees

Chair, Diversity, Equity, and Inclusion Committee, Brain and Cognitive Sciences Department (2024— )

Member, Cognition Faculty Search Committee, Brain and Cognitive Sciences Department, *Member* (2024—2025)

Member, Diversity, Equity, and Inclusion Committee, Brain and Cognitive Sciences Department (2023—2024)

Member, Graduate Recruitment Committee, Brain and Cognitive Sciences Department (2023—2024)

Member, Graduate Admissions Committee, Brain and Cognitive Sciences Department (2023, 2024)

#### Professional Development & Outreach

Faculty Advisor, Science Teaching through Art (STAR) Program, science communication, professional development, & outreach, training audience: postdocs and graduate students, outreach audience: undergraduates, high-school students, and Rochester community members (2023— )

Member, University of Rochester Women+ in the Neurosciences (URWINS) (2023— )

Co-Organizer, Promoting Diversity in STEM Summit @ Rochester Institute of Technology (2024)

Panelist, Brain and Cognitive Sciences Meliora Fellowship Faculty Seminar (2023, 2024)

### **Princeton University**

#### Professional Development & Outreach

Program Coordinator, Science Communication Training & Professional Development Workshop held by the Alan Alda Center for Communicating Science, audience: graduate students, postdocs, and faculty, funding awarded \$42,610 (2018)

Instructor, SPLASH Teaching and Outreach Program, audience: high school students, *The Art of Effective Communication: A Primer on Telling a Good Story* (2017)

### **Stanford University**

#### Professional Development & Outreach

Instructor, SPLASH Teaching and Outreach Program, audience: high school students, *The Art of Effective Communication: A Primer on Telling a Good Story* (2013—2016)

Guest Instructor, Stanford AI Lab Outreach Summer Research Program (SAILORS), audience: high school students, *Navigating the World of Research and Academia* (2015)

Presenter, Dinner with a Scientist Outreach Program, audience: elementary school students, *Visual Illusions* (2014)

Program Coordinator, Science Teaching through Art (STAr) Program, science communication, professional development, & outreach, training audience: postdocs and graduate students, outreach audience: undergraduates and high-school students, funding awarded \$3,200 (2013–2014)

## PROFESSIONAL ACTIVITIES

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### Conference Planning

*Pattern Recognition in Neuroimaging (PRNI)*, Program Committee Member (2016)

### Ad-Hoc Reviewing – Neuroscience & Psychology

*Cerebral Cortex*

*Cognition*

*Cognitive and Computational Neuroscience (CCN)*

*Nature Human Behaviour*

*Neuroimage*

*PLOS Biology*

*PLOS Computational Biology*

*Pattern Recognition in Neuroimaging (PRNI)*

*Psychological Research*

*Psychonomic Bulletin and Review*

*Journal of Cognitive Neuroscience*

*Journal of Neuroscience*

*Journal of Vision*

### Ad-Hoc Reviewing – Computer Vision & Machine Learning

*Computer Vision and Pattern Recognition (CVPR)*

*European Conference on Computer Vision (ECCV)*

*Neural Information Processing Systems (NeurIPS)*

### Society Memberships

*Cognitive Neuroscience Society*

*Cognitive Science Society*

*Psychonomic Society*

*Society for Neuroscience*

*Vision Sciences Society*