MARIUS CĂTĂLIN IORDAN

Meliora Hall, University of Rochester, Rochester NY 14627
mci@rochester.edu | @MCatalinIordan | www.MariusCatalinIordan.com

ACADEMIC APPOINTMENTS

2023 -	Assistant Professor, Brain and Cognitive Sciences Department, **University of Rochester** (primary appointment)
2023 -	Assistant Professor, Neuroscience Department, **University of Rochester** (secondary appointment)
2023 -	Faculty Member, Neuroscience Graduate Program, **University of Rochester**
2023 -	Faculty Member, 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, Kenneth A. Norman, Nicholas B. Turk-Browne, & Daniel N. Osherson

EDUCATION

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

General Areas

Visual 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

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

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.

PREPRINTS

Peng K, Wammes JD, Nguyen A, **Iordan MC**, Norman KA, Turk-Browne NB. (2023). Inducing representational change in the hippocampus through real-time neurofeedback. *Preprint at bioRxiv. (under review)*

Fu A*, Longe T*, Pobric G, **Iordan MC**, Talmi D. (2022). Emotional content and explicit attention to emotional features differentially contribute to similarity judgments of experiences. *Preprint at OSF. (in revision)*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2020) Sculpting new visual concepts into the human brain. *Preprint at bioRxiv*. (*in revision)*

PUBLICATIONS

Iordan MC, Giallanza T, Ellis CT, Beckage NM, Cohen JD. (2022). Context matters: Recovering human semantic structure from machine learning analysis of large-scale text corpora. *Cognitive Science.*

Iordan MC, Ellis CT, Lesnick M, Osherson DN, Cohen JD. (2018). Feature ratings and empirical dimension-specific similarity explain distinct aspects of semantic similarity. *Proceedings of the 40th Annual Meeting of the Cognitive Science Society.*

Piazza EA, **Iordan MC**, Lew-Williams C. (2017). Mothers consistently alter their unique vocal fingerprints to communicate with infants. *Current Biology.*

Iordan MC, Greene MR, Beck DM, Fei-Fei L. (2016). Typicality sharpens neural representations in object-selective cortex. *Neuroimage.*

Iordan MC, Joulin A, Beck DM, Fei-Fei L. (2015). Locally-optimized inter-subject alignment of functional cortical regions. *Proceedings of the 4th Annual Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NIPS).*

Iordan MC, Greene MR, Beck DM, Fei-Fei L. (2015). Basic level category structure emerges gradually across human ventral visual cortex. *Journal of Cognitive Neuroscience.*

Baldassano C, **Iordan MC**, Beck DM, Fei-Fei L. (2012). Discovering voxel-level functional connectivity between cortical regions. *Proceedings of the 1st Annual Machine Learning and Interpretation in Neuroimaging (MLINI) Workshop, Advances in Neural Processing Systems (NIPS).*

Baldassano C, **Iordan MC**, Beck DM, Fei-Fei L. (2012). Voxel-level functional connectivity using spatial regularization. *Neuroimage.*

Grigoriev I, **Iordan MC**, Lubin A, Ince N, Silva CE. (2012). On μ-compatible metrics and measurable sensitivity. *Colloquium Mathematicum*.

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

Barker S, **Iordan MC**, Albrecht J, Raghavan B. (2008). Kudzu: A self-balancing P2P file transfer system. *Proceedings of the 3rd Workshop on Tackling Computer Systems Problems with Machine Learning (SysML)*.

AWARDS AND HONORS

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, *elected*
2009	Computing Research Association (CRA) Outstanding Undergraduate Awards, *Honorable Mention*
2008	Phi Beta Kappa Academic Honor Society, *elected*

INVITED TALKS

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 TALKS

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2022). Sculpting new visual concepts into the human brain. *Vision Science Society Annual Meeting (VSS).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2020) Programming the human brain with new visual concepts. *The 3rd NeuroMatch Conference (NeuroMatch 3.0).*

Iordan MC, Giallanza T, Ellis CT, Beckage, NM, Cohen JD. (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).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2020) Creating visual categories using closed-loop real-time fMRI neurofeedback. *Vision Sciences Society Annual Meeting (VSS).*

Iordan MC, Giallanza T, Ellis CT, Osherson DN, Cohen JD. (2019). Uncovering the neural underpinnings of semantic similarity judgments. *Society for Neuroscience Annual Meeting (SfN).*

Iordan MC, Giallanza T, Ellis CT, Cohen JD. (2019). Context-aware word embedding models significantly improve prediction of human conceptual relationships. *Society for Neuroscience Annual Meeting (SfN).*

Iordan MC, Ellis CT, Lesnick M, Osherson DN, Cohen JD. (2018). Feature ratings and empirical dimension-specific similarity explain distinct aspects of semantic similarity. *Cognitive Science Society Annual Meeting (CogSci).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2018) Inducing neural plasticity and perceptual similarity using real-time fMRI neurofeedback. *Vision Sciences Society Annual Meeting (VSS).*

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

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

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

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

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

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

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

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

Iordan MC, Greene MR, Beck DM, Fei-Fei L. (2011). Translation invariance of natural scene categories. *Vision Sciences Society Annual Meeting (VSS).*

OTHER CONFERENCE PRESENTATIONS

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

Zeng QR, Lilienthal D, **Iordan MC**, Piazza EA. (2022). Using a language transformer model to capture creativity in improvised narratives. *7th Meeting of the Society for the Neuroscience of Creativity (SfNC)*.

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

Piazza EA, Cassano R, Williams J, **Iordan MC**, Izen S, Hasson U. (2021). A naturalistic approach to studying temporal processing during musical performance. *181st Meeting of the Acoustical Society of America (ASA).*

Cassano R, Williams J, **Iordan MC**, Hasson U, Piazza EA. (2021). Hierarchical processing of temporal information during naturalistic music production and perception. *Annual NeuroMusic Conference (NeuroMusic).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2021). Sculpting new visual concepts into the human brain. *Society for Neuroscience Annual Meeting (SfN).*

Slaughter J, Peterson J, **Iordan MC***, Cohen JD*. (2021). Using convolutional neural networks to improve automatic predictions of human behavior and neural representations. *Leadership Alliance National Symposium (LANS).*

Iordan MC, Giallanza T, Ellis CT, Beckage, NM, Cohen JD. (2021). Context matters: Recovering human visual and semantic structure from machine learning analysis of large-scale text corpora. *Vision Sciences Society Annual Meeting (VSS).*

Slaughter J, Peterson J, **Iordan MC***, Cohen JD*. (2020). Using convolutional neural networks to predict human behavior and neural representations. *Leadership Alliance National Symposium (LANS).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2019). Creating visual categories using closed-loop real-time fMRI neurofeedback. *Real-Time Functional Imaging and Neurofeedback Conference (rtfIN).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2019). Using closed-loop real-time fMRI neurofeedback to induce neural plasticity and influence perceptual similarity. *Vision Sciences Society Annual Meeting (VSS).*

Riberto M, **Iordan MC**, Paz R, Pobric G, Talmi D. (2019). Using representational similarity analysis to investigate emotional effects on mental representation. *Israel Society for Neuroscience Annual Meeting (ISfN).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (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 AN, Musslick S, **Iordan MC**, Cohen JD. Why we struggle to multitask: Converging evidence from computational modeling, human behavior, and neuroimaging. *Society for Neuroscience Annual Meeting (SfN).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2018). Inducing neural plasticity and perceptual similarity using real-time fMRI neurofeedback. *Organization for Human Brain Mapping Annual Meeting (OHBM).*

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2017). KL-Evidence: A novel multivariate method for differentiating representations. *Real-Time Functional Imaging and Neurofeedback Conference (rtfIN).* **(Travel Award) (Best Poster Award)**

Iordan MC, Ritvo VJH, Norman KA, Turk-Browne NB, Cohen JD. (2017). Inducing neural plasticity and perceptual similarity using real-time fMRI neurofeedback. *Society for Neuroscience Annual Meeting (SfN).*

Piazza EA, **Iordan MC**, Lew-Williams C, Hasson U. (2017). The importance of "motherese": Early drivers of successful communication. *Society for Neuroscience Annual Meeting (SfN).*

Piazza EA, **Iordan MC**, Lew-Williams C. (2017). Mothers consistently alter their unique vocal fingerprints to communicate with their infants. *Interdisciplinary Advances in Statistical Learning (IASL).*

Iordan MC, Ellis CT, Osherson DN, Cohen JD. (2017). The relative contribution of features and dimensions to semantic similarity. *Vision Sciences Society Annual Meeting (VSS).*

Piazza EA, **Iordan MC**, Lew-Williams C. (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).*

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

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

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

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

Fannjiang C, **Iordan MC**, Beck DM, Fei-Fei L. (2015). Pushing the boundaries of fine-grained object fMRI decoding in human visual cortex. *Vision Sciences Society Annual Meeting (VSS).*

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

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

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

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

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

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

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

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

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

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

TEACHING EXPERIENCE

Primary Instructor

University of Rochester, Cognition (undergraduate, lecture)

Spring 2024, 116 students

University of Rochester, Advanced Topics in Cognitive Neuroscience (undergraduate & graduate, lecture & seminar)

Fall 2023, 12 students, evaluations 4.8 / 5.0

Princeton University, Neuroscience Senior Thesis Workshop (undergraduate, seminar)

Fall 2020, 12 students, no evaluations

Princeton University, Neuroscience Junior Tutorial (undergraduate, seminar):

Fall 2017, 10 students, evaluations 4.6 / 5.0

Guest Lectures

University of Rochester, Neuroscience, First-Year Graduate Student Journal Club (graduate, lecture & seminar): Spring 2024

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

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

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

Course Assistant

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

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

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

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

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

Williams College, Microarchitecture (undergraduate, lab): Fall 2006

MENTORSHIP

Graduate Students

Claire Sun, Ph.D. candidate, University of Rochester, Brain and Cognitive Sciences (2023—)

Graduate First-Year Rotation Students

Aishwarya Jayan, Ph.D. candidate, University of Rochester, Neuroscience (2024)

Undergraduate Students

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

Project: Quantifying fine-grained visual category information across the human brain
Poster at the *Princeton Neuroscience Summer Symposium (2022)*

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

Project: *Using convolutional neural networks to predict human behavior and neural representations*
Posters at the *Leadership Alliance National Symposium (LANS) 2020 &* 2021
Now: *Marshall Scholar & Ph.D. student in Biomedical Engineering*, University of Edinburgh (2022—)

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

Project: *Predicting human semantic judgments using deep neural network word embedding models*
Talk at the *Society for Neuroscience Annual Meeting (SfN)* 2019
Journal publication (2nd author) in *Cognitive Science*
Now: *Ph.D. candidate in Neuroscience*, Princeton University (2020—)

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

Project: *Fine-grained fMRI decoding of object categories in human visual cortex*
Poster at the *Vision Sciences Society Annual Meeting (VSS)* 2015
After Stanford: *Ph.D. in Computer Science*, University of California, Berkeley (2018—2023)
Now: *Research Scientist*, Genentech

Graduate Student Advisory Committees

Riesa Cassano-Coleman (2024—), University of Rochester, Brain and Cognitive Sciences, Advisor: Elise A. Piazza
Olympia Mathiaparanam (2023—), University of Rochester, Brain and Cognitive Sciences, Advisor: Karl Rosengratz

Post-Bac Student Advisory Committees

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

Undergraduate Student Honors Thesis Committees

Qianying Wu (2023), University of Rochester, Brain and Cognitive Sciences, Advisor: Duje Tadin
Alyssa Rohan (2020), Bates College, Neuroscience, Advisor: Michelle R. Greene

SERVICE

University of Rochester

Committees

Member, Brain and Cognitive Sciences Diversity, Equity, and Inclusion Committee (2023—)
Member, Brain and Cognitive Sciences Graduate Recruitment Committee (2023—)
Member, Brain and Cognitive Sciences Graduate Admissions Committee (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—)
Panelist, Brain and Cognitive Sciences Summer Fellowship Faculty Seminar (2023)

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

Conference Planning

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

Ad-Hoc Reviewing – Neuroscience & Psychology

Cerebral Cortex
Nature Human Behaviour
Neuroimage
PLOS Biology
PLOS Computational Biology
Pattern Recognition in Neuroimaging (PRNI)
Psychological Research
Psychonomic Bulleting 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