Elissa M. Aminoff

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Vision and Memory Lab: www.fordham.edu/aminofflab

ACADEMIC APPOINTMENTS

2024 – present **Associate Chair of Undergraduate Studies at Rose Hill**, Department of Psychology, Fordham University
2023 – present **Associate Professor**, Department of Psychology, Fordham University
2016 – 2023 **Assistant Professor**, Department of Psychology**,** Fordham University
2016 – 2019 **Adjunct Faculty,** Robotics Institute, Carnegie Mellon University
2013 – 2016 **Research Scientist/Special Faculty**, Department of Psychology, Center for the Neural Basis of Cognition, Carnegie Mellon University

EDUCATION & TRAINING

2011 – 2013 **Postdoctoral Researcher,** Center for the Neural Basis of Cognition, Carnegie Mellon University**;** Advisor: Michael Tarr; Collaborators: Marlene Behrmann, Abhinav Gupta.
2008 – 2011 **Postdoctoral Researcher,** Psychology Department, University of California Santa Barbara**;** Advisor: Michael B. Miller**;** Collaborator: Scott T. Grafton
2003 – 2008 **Ph.D. in Psychology: Cognition, Brain, and Behavior,** Department of Psychology, Harvard University; Advisors: Moshe Bar and Daniel L. Schacter
2001 – 2003 **Research Assistant,** Martinos Center for Biomedical Imaging, Massachusetts General Hospital; Advisor: Moshe Bar
1997 – 2001 **Sc.B., in Cognitive Neuroscience** with Honors, Brown University; Advisor: Michael Tarr and Katharine Phillips

RESEARCH GRANTS

2020 – 2021 **Fordham University, Interdisciplinary Research Award,** $8,000
Representing Human Relevant Context in Convolutional Neural Networks
Principal Investigator

2014 – 2019 **National Science Foundation,** $462,856
#1439237, CompCog: Human Scene Processing Characterized by Computationally-derived Scene Primitives
Co-Principal Investigator, Co-P.I.: Michael Tarr

Submitted:
2021: National Science Foundation. NSF-BSF: How mindset influences episodic memory and forgetting of scenes. $272,078. Role: Principal Investigator Status: Not funded.

2020: National Science Foundation. NSF-BSF: How mindset influences episodic memory and forgetting of scenes. $237,448. Role: Principal Investigator Status: Not funded.

PUBLICATIONS (h-index = 19)

Designates corresponding author; ** Designates student/trainee mentored co-authors; *** Designates Fordham undergraduate co-author.

Manuscripts under review

1. **Aminoff, E.#**, Nalls, T.***, & Baror, S. (Under Review). Scene context influences face perception.

2. Baror, S., **Aminoff, E.**, & Kenett, Y. (Under Review). Spontaneous associative thought facilitates scene-gist memory.

Peer-Reviewed Articles in Refereed Journals or Conference Proceedings

3. Siedlecki, K., Kobrinsky, V., & **Aminoff E**. (2024). Examining Mediators of the Relationship between Subjective Age and Cognition. *GeroPsych The Journal of Gerontopsychology and Geriatric Psychiatry*

4. Kobrinsky, V***., **Aminoff, E.**, Boros, M., Falzarano, F., Minahan Zucchetto, J., Yazdani, N., Sergioa, J., Bloom, R., Siedlecki, K. (2024). COVID-19 Illness and Cognitive Functioning in a Community-Dwelling Sample of Adults. *Advances in Cognitive Psychology*.

5. **Aminoff, E.#** & Durham, T.*** (2022). Scene-selective brain regions respond to embedded objects of a scene. *Cerebral Cortex,* bhac399*.*

6. Baror, S.**, Bar, M. & **Aminoff, E**. # (2022). How associative thinking influences scene perception. *Consciousness and Cognition*, 103, 103377.

7. **Aminoff, E.#**, Baror, S.**, Roginek, E.**, & Leeds, D. (2022). Contextual associations represented both in neural networks and human behavior. *Scientific Reports,* 12, 1-12.

8. **Aminoff, E.#**, & Tarr, M. (2021). Functional context affects scene processing. *Journal of Cognitive Neuroscience*, 33(5), 933-945.

9. Yang, Y.**, Tarr, M., Kass, R. & **Aminoff, E.** (2019). Exploring spatio-temporal neural dynamics of the human visual cortex. *Human Brain Mapping,* 40, 4213-4238.

10. Chang, N.**, Pyles, J., Marcus, A., Gupta, A., Tarr, M., & **Aminoff, E.** # (2019). BOLD5000, a public fMRI dataset while viewing 5000 visual images. *Scientific Data,* 6, 49.

11. Blauch, N.**, **Aminoff, E.**, & Tarr, M. (2017). Functionally localized representations produce distributed information: insight from simulations of deep, convolutional neural networks. *Proceedings of the Cognitive Science Society.*

12. Yang, Y.**, **Aminoff, E**., Tarr, M., & Kass, R. (2016). A state-space model of cross-region dynamic connectivity in MEG/EEG. *In Advances In Neural Information Processing Systems*, 1226-1234.

13. **Aminoff, E.** #, Li, Y., Pyles, J., Ward, M., R. M. Richardson, & A. Ghuman. (2016). Associative hallucinations result from stimulating left ventromedial temporal cortex. *Cortex*, 83, 139-144.

14. Kim, J.+, **Aminoff, E.**+, Kastner, S., & Behrmann, M. (2015). The neural basis of developmental topographic disorientation. *Journal of Neuroscience,* 35, 12954-12969. + Equal contribution.

15. **Aminoff, E.** # & Tarr, M. (2015). Associative processing is inherent in scene perception. *PLoS ONE*, 10(6): e0128840.

16. **Aminoff, E.**#, Toneva, M.**, Shrivastava, A., Chen, X., Misra, I., Gupta, A. & Tarr, M. (2015). Applying artificial vision models to human scene understanding. *Front. Comput. Neurosci.* **9**:8. doi: 10.3389/fncom.2015.00008. Special Research Topic: Integrating computational and neural findings in visual object perception.

17. **Aminoff, E.**#, Freeman, S.**, Clewett, D.**, Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2015). Maintaining a cautious state of mind during a recognition test: A large-scale fMRI study. *Neuropsychologia*, 67, 132-147.

18. Hermunstad, A., Brown, K., Bassett, D., **Aminoff, E.**, Frithsen, A., Johnson, A.,Tipper, C., Miller, M., Grafton, S., & Carlson, J. (2014). Structurally-constrained relationships between cognitive states in the human brain. *PLOS Computational Biology* 10: e1003591.

19. **Aminoff, E.**#, Kveraga, K., & Bar, M. (2013). The role of the parahippocampal cortex in cognition. *Trends in Cognitive Sciences,* 17, 379-390.

20. Hermunstad, A., Bassett, D., Brown, K., **Aminoff, E.**, Clewett, D., Freeman, S., Frithsen, A., Johnson, A.,Tipper, C., Miller, M., Grafton, S., & Carlson, J. (2013). Structural foundations of resting-state and task-based neural activity in the human brain. *Proceedings of the National Academy of Sciences*, 110, 6169-6174.

21. **Aminoff, E**.#, Clewett, D.**, Freeman, S.**, Frithsen, A., Tipper, C., Johnson, A., Grafton, S., & Miller, M. (2012). Individual differences in shifting decision criterion: A recognition memory study. *Memory & Cognition,* 40, 1016-1030.

22. Miller, M., Donovan, C., Bennett, C., **Aminoff, E.**, & Mayer, R. (2012). Individual differences in cognitive style and strategy predict similarities in the patterns of brain activity between individuals. *NeuroImage*, 59, 83-93.

23. Kveraga, K., Ghuman, A., Kassam, K., **Aminoff, E.**, Hamalainen, M., Chaumon, M., & Bar, M. (2011). Early onset of neural synchronization in the contextual associations network. *Proceedings of the National Academy of Sciences*, 108: 3389-3394.

24. **Aminoff, E.**, Schacter, D. L., & Bar, M. (2008). The cortical underpinnings of context-based memory distortion. *Journal of Cognitive Neuroscience*, 20, 2226-2237.

25. Chiao, J. Y., Iidaka, T., Gordon, H. L., Nogawa, J., Bar, M., **Aminoff, E.,** Sadato, N., & Ambady, N. (2008). Cultural specificity in amygdala response to fear faces. *Journal of Cognitive Neuroscience*, 20, 2167-2174.

26. Bar, M., **Aminoff, E.**, Schacter, D. (2008). Scenes unseen: The parahippocampal cortex subserves contextual associations, not scenes per se. *Journal of Neuroscience*, 28, 8539-8544.

27. Bar, M., **Aminoff, E.**, & Ishai, A. (2008). Famous faces activate contextual associations in the parahippocampal cortex. *Cerebral Cortex*, 18, 1233-1238.

28. Bar, M., **Aminoff, E.**, Mason, M., & Fenske, M. (2007). The units of thought. *Hippocampus,* 17, 420-428.

29. **Aminoff, E.**, Gronau, N., & Bar, M. (2007). The parahippocampal cortex mediates spatial and non spatial associations. Cerebral Cortex, 27, 1493-1503.

30. Fenske, M., **Aminoff, E.**, Gronau, N., & Bar M. (2006). Top-down facilitation of visual object recognition: Object-based and context-based contributions. *Progress in Brain Research,* 155, 3-21.

31. Zago, L., Fenske, M. J., **Aminoff, E.**, & Bar, M. (2005). The rise and fall of priming: How visual exposure shapes cortical representations of objects. *Cerebral Cortex*, 15, 1655-1665.

32. Bar, M. & **Aminoff, E**. (2003). Cortical analysis of visual context. *Neuron*, 38, 347-358.

Other Scholarly Publications (public datasets, book chapters, invited papers)

1. Chang, N.**, Pyles, J., Prince, J., Tarr, M., **Aminoff, E.** # (2021): BOLD5000 Release 2.0. Carnegie Mellon University. Dataset. https://doi.org/10.1184/R1/14456124

2. Baror, S.**, **Aminoff, E.**, & Bar, M. (2021). Proactive by default. In, Gilead, M. & Ochsner, K, N. (Eds.), *The Neural Basis of Mentalizing*. Springer Press.

3. Chang, N.**, Pyles, J., Marcus, A., Gupta, A., Tarr, M., & **Aminoff, E.**# (2018). BOLD5000. https://kilthub.figshare.com/articles/BOLD5000/6459449/4 .

4. Chang, N.**, Pyles, J., Marcus, A., Gupta, A., Tarr, M., & **Aminoff, E.**# (2018). BOLD5000. https://openneuro.org/datasets/ds001499/ .

5. Tarr. M & **Aminoff, E**. (2016). Can big data help us understand human vision? In, Jones, M. (Ed.), *Big Data in Cognitive Science.* Psychology Press (Taylor & Francis).

6. **Aminoff, E.** & Tarr, M. (2016). Perception and Cognition. In, Miller H. (Ed).*The SAGE encyclopedia of theory in psychology.* SAGE publications. DOI: http://dx.doi.org/10.4135/9781483346274.n227

7. **Aminoff, E.** (2014). Putting scenes in context. In, Kveraga, K. & Bar, M. (Eds), *Scene Vision: Making sense of what we see* (pp. 135-154). Cambridge: MIT Press.

8. **Aminoff, E.**, Balslev, D., Borroni, P., Bryan, R.E., Chua, E.F., Cloutier, J., Cross, E.S., Drew, T.,Funk, C.M., Gil-da-Costa, R., Guerin, S.A., Hall, J.L., Jordan, K.E., Landau, A.N., Molnar-Szakacs, I., Montaser-Kouhsari, L., Olofsson, J.K., Quadflieg, S., Somerville, L.H., Sy, J.L., Uddin, L.Q., & Yamada, M. (2009). The landscape of cognitive neuroscience: Challenges, rewards, and new perspectives. In M.S. Gazzaniga (Ed.), The Cognitive Neurosciences IV. Cambridge, MA: MIT Press.

Media
How AI helps us understand human vision. 2020. BrainFacts.org
https://www.brainfacts.org/neuroscience-in-society/tech-and-the-brain/2020/how-ai-helps-us-understand-human-vision-050820

Dataset bridges human vision and machine learning. 2019. NSF Research News
https://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=298499&WT.mc_id=USNSF_1.

Smarter AIs could help us understand how our brains interpret the world. 2018. Science Magazine.
https://www.sciencemag.org/news/2018/09/smarter-ais-could-help-us-understand-how-our-brains-interpret-world

Unlocking the mystery of how the brain creates vision. 2016. Scientific American.
http://www.scientificamerican.com/article/unlocking-the-mystery-of-how-the-brain-creates-vision/

XxXX: 10 interviews with inspiring female scientists. 2016. Global Agenda, World Economic Forum.

https://www.weforum.org/agenda/2016/06/xxxx-10-interviews-with-inspiring-female-scientists/

World Economic Forum, *IdeasLab.* Decoding the neural basis of visual cognition. https://youtu.be/1UYrGP4ljJw

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CONFERENCE PRESENTATIONS (since 2016)
** Designates student/trainee mentored co-authors; *** Designates Fordham Undergraduate co-author

Ohlan, R.**, Leeds, D., & **Aminoff, E.** (2024, August). Contextual information representation of objects-scenes in deep CNNs: Effects of training and architectures. To be presented at the annual conference on Cognitive Computational Neuroscience.

Aminoff, E., & Meighan, B. *** (2024, May). Come here often? How familiarity affects scene processing. Presented at the annual meeting of Vision Science Society, St. Pete, FL.

Baror, S., **Aminoff, E.**, & Kenett, Y. (2024, May). Spontaneous associative thought facilitates scene-gist memory. Presented at the annual meeting of Vision Science Society, St. Pete, FL.

Meighan, B.***, & **Aminoff, E**. (2023, May). Familiarity and Scene Understanding. Presented at the annual meeting at the Vision Science Society, St. Pete, FL.

Galbo, E.***, Lincoln-DeCusatis, N., & **Aminoff, E.** (2023, May). Musically induced microvalences in high-level visual processing of everyday scenes. Presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Aminoff, E., & Baror, S. (2023, May). Scene context affects face discrimination. Presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Kobrinsky, V***., **Aminoff, E.**, Boros, M., Falzarano, F., Minahan Zucchetto, J., Yazdani, N. Sergioa, J., Bloom, R., Siedlecki, K. (2023, May). COVID-19 Illness and Cognitive Functioning in a Community-Dwelling Sample of Adults. Presented at the APS annual convention, Washington, DC.

Aminoff, E., Baror, S.**, Roginek, E.**, & Daniel Leeds. (2022, May). Inherent representations of contextual associations in neural networks and human behavior. Presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Durham, T.***, & **Aminoff, E.** (2021, May). Weather Discrimination in Scene Processing Regions. Presented at the virtual (online) meeting of the Vision Science Society.

Roginek, E.**, Baror, S.**, Leeds, D., & **Aminoff, E**. (2021, May). Representing contextual associations in convolutional neural networks. Presented at the virtual (online) meeting of the Vision Science Society.

Baror, S.**, Bar, M., & **Aminoff, E.** (2020, June). Exploring how broad associative thought enhances scene gist perception. Presented at the virtual (online) meeting of the Vision Science Society.

Durham, T.*** & **Aminoff E.** (2020, June). How do objects within a scene affect neural representation? Presented at the virtual (online) meeting of the Vision Science Society.

Chan, L.*** & **Aminoff, E.** (2020, March). The representation of micro-valences in high-level visual processing for everyday images. Presented at the virtual (online) meeting of the Cognitive Neuroscience Society.

Aminoff, E. & Young, A.*** (2019, October). A representational similarity analysis examining scene categorization in the brain. Presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

Aminoff, E. & Hughes H.*** (2019, May). Scene feature preferences found in scene selective cortex. Presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Chang, N. **, Pyles, J., Gupta, A., Tarr, M., & **Aminoff, E.** (2018, September). A public fMRI dataset of 5000 scenes: a resource for human vision science. Presented at the annual meeting of Cognitive Computational Neuroscience, Philadelphia, PA.

Pyles, J., Chang, N.**, Pyles, J., Tarr, M., Gupta, A., & **Aminoff, E**., (2018, June) Scaling up neural datasets: A public fMRI dataset of 5000 scenes. Presented at the annual meeting of the Organization of Human Brain Mapping, Singapore

Chang, N.**, **Aminoff, E**., Pyles, J., Tarr, M., & Gupta, A. (2018, May) Scaling up neural datasets: A public fMRI dataset of 5000 scenes. Presented at the annual meeting of the Vision Science Society, St. Pete, FL.

Blauch, N.**, **Aminoff, E**., Tarr, M. (2017, September) Face module activations inform non-face discrimination. Presentation at the inaugural conference on Cognitive Computational Neuroscience, New York, New York.

Aminoff, E. (2017, July). How can artificial vision models teach us about human scene understanding? Invited talk at the Psychonomics Leading Edge Workshop: Beyond the Lab: using big data to discover principles of cognition, Madison, Wisconsin.

Aminoff, E., (2017, May). Associative Processing in Scene Understanding. Talk presented at the NYU meeting of Advances in Memory Systems, New York, NY.

Yang, Y.**, Kass, R., Tarr, M. & **Aminoff, E.** (2016, December). Understanding neural dynamics of human vision using convolutional neural networks. Poster presentation at the Woman in Machine Learning Workshop at Neural Information Processing Systems, Barcelona, Spain.

Aminoff, E., & Tarr, M. (2016, November). Framing scene perception in the brain. Talk presentation at the annual meeting of the Society of Neuroscience, San Diego, CA.

Yang, Y.**, Kass, R., Tarr, M., & **Aminoff, E.** (2016, May). Exploring spatio-temporal neural basis of scene processing with MEG/EEG using a convolutional neural network. Poster presented at the annual meeting of the Visual Science Society, St. Pete, FL.

AWARDS AND HONORS

2023 Beacon Exemplar Award – United Student Government at Fordham University

2020	Fordham Faculty Fellowship
2016	Young Scientist, World Economic Forum
2011	Delegate representing University of California Santa Barbara at the University of California Advocacy Day on Capital Hill in Washington, D.C.
2009	New Horizons in Human Brain Imaging: a Focus on the Pacific Rim Trainee Fellowship
2008	Sage Center Summer Institute in Cognitive Neuroscience Fellowship Tahoe
2006	Dartmouth College Summer Institute in Cognitive Neuroscience Fellowship
2004 – 2008	NIMH T32 NRSA Institutional Training Grant (MH070328)
2003 – 2004	Harvard University GSAS Merit Fellowship
2001	Brown University Concentration Honors

INVITED TALKS (since 2011)

May	2024	Roundtable Panelist, Synthetic Consciousness: Seeing and Believing, Helix Center for Interdisciplinary Investigation, New York, NY.
April	2024	Conference Panelist, Understanding in Natural and Artificial Minds, Princeton University, Princeton, NJ.
December	2022	Cognitive and Behavioral Neuroscience Seminar, Columbia University, New York, NY.
December	2021	Psychology Colloquium, Department of Psychology, Brandeis University, Waltham, MA.
February	2021	Guest Lecture, Art + The Brain, Department of Art, Stony Brook University, Stony Brook, NY.
October	2020	Psychology Master's students Brown Bag, Department of Psychology, Rutgers University – Camden, NJ.
September	2019	Neuroscience Colloquium, Department of Psychology, Adelphi University, Hempstead, NY.
January	2019	Graduate Center for Vision Research, SUNY College of Optometry, New York, NY.
January	2019	Center for Vision Research, York University, Toronto, Canada.
January	2018	Seminar on Law and Neuroscience, Law School, Fordham University, New York, NY.
July	2017	Leading Edge Workshop – Beyond the Lab: using big data to discover principles of cognition, University of Wisconsin, Madison, WI.
May	2017	Advances in Memory Systems Conference, NYU, New York, NY.
June	2016	Annual Meeting of the New Champions, IdeasLab, World Economic Forum, Tianjin, China
June	2016	Annual Meeting of the New Champions, BrainHub, World Economic Forum, Tianjin, China
February	2016	Robotics Institute, Carnegie Mellon University, Pittsburgh, PA
January	2016	Department of Psychological and Brain Sciences, Boston University, Boston, MA
January	2016	Department of Psychology, Fordham University, New York, NY
December	2015	Department of Psychology, University of Minnesota, Minneapolis, MN
November	2015	Center for Neuroscience, Indian Institute of Science, Bangalore, India.
October	2015	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
November	2014	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
May	2014	Vision Seminar, Harvard Medical School, Cambridge, MA
May	2014	Cognitive Science Team, Natick Soldier Research, Development, & Engineering Center (NSRDEC), Natick, MA

January	2014	Center for Brain, Biology, and Behavior, University of Nebraska – Lincoln, Lincoln, NE
November	2013	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
October	2013	Department of Psychology, City College, City University of New York, New York, NY
February	2013	Department of Psychology, George Washington University, Washington, D.C.
October	2012	MURI Review Meeting, Office of Naval Research, Carnegie Mellon University, Pittsburgh, PA
October	2011	MURI Review Meeting, Office of Navy Research, Arlington VA
October	2011	Vision and Autonomous Systems Center Seminar, Carnegie Mellon University, Pittsburgh, PA
May	2011	Cognition, Perception, and Cognitive Neuroscience Seminar, University of California Santa Barbara, CA
January	2011	Winter Conference - Neurobiology of Learning & Behavior, Park City, UT

TEACHING and MENTORING EXPERIENCE

Courses (5 course teaching load per year)

Undergraduate

Cognitive Neuroscience (PSYC 3110, Fall 2016, Fall 2018, Fall 2019, Spring 2022, Fall 2022, Fall 2023)

Biopsychology (PSYC 1100, Spring 2017, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023)

Sensation and Perception (PSYCH 2300, Spring 2023, Spring 2024)

Graduate

Introduction to Neuroscience (PSYC 6654, Spring 2018, Spring 2019, Spring 2020, Spring 2021, Spring 2024)

The visual world as seen by neurons and machines (Carnegie Mellon University, Robotics Institute, 16-899A, co-taught with Abhinav Gupta, Spring 2014)

Mentoring

Undergraduate Honor's Thesis

1. Emily McFadden	Reader (B.S., Psychology, Completed 2018)
2. Justin Esposito	Reader (B.S., Integrative Neuroscience, Completed 2019)
3. Annette Young	**Mentor** (B.S., Integrative Neuroscience, Completed 2019)
4. Eunice Jung	Reader (B.S., Psychology, Completed 2020)
5. Annalee Mueller	Reader (B.S., Psychology, Completed 2020)
6. Emma Kreutzmann	**Mentor** (B.S., Psychology, Completed 2020)
7. Esmé Bleecker-Adams	Reader (B.A., Visual Arts, Completed 2021)
8. Alfonse Niedermeyer	Reader (B.S., Psychology, Completed 2021)
9. Michael L'Abbate	**Mentor** (B.S., Psychology, Completed 2022)
10. Juliana Scofield	Reader (B.S., Psychology, Completed 2022)
11. Claudia Schneider	**Mentor** (B.S., Integrative Neuroscience, Completed 2023)
12. Hasib Mia	Reader (B.S., Psychology, Completed 2023)
13. Anya McGoldrick	**Mentor** (B.S., Psychology, Completed 2024)
14. Christine Irlbeck	Reader (B.S., Psychology, Completed 2024)
15. Camila Da Silva	Reader (B.S., Psychology, Completed 2024)

Undergraduate Integrative Neuroscience Program Capstones

1. Alyssa Shannon	**Mentor** (B.S., Integrative Neuroscience, Completed 2018)
2. Mario Badro	**Mentor** (B.S., Integrative Neuroscience, Completed 2018)

3. Carli Grace **Mentor** (B.S., Integrative Neuroscience, Completed 2018)
4. Howard Hughes **Mentor** (B.S., Integrative Neuroscience, Completed 2019)
5. Mazen Oweimrin **Mentor** (B.S., Integrative Neuroscience, Completed 2019)
6. Lauren Chan **Mentor** (B.S., Integrative Neuroscience, Completed 2020)
7. Tess Durham **Mentor** (B.S., Integrative Neuroscience, Completed 2021)
8. Elizabeth Galbo **Mentor** (B.S., Integrative Neuroscience, Completed 2022)
9. Abigail Fontana **Mentor** (B.S., Integrative Neuroscience, Completed 2022)
10. Thomas Tedesco **Mentor** (B.S., Integrative Neuroscience, Completed 2022)
11. Thomas Nalls **Mentor** (B.S., Integrative Neuroscience, Completed 2022)
12. Addison Kitrel **Mentor** (B.S., Integrative Neuroscience, Completed 2022)
13. Bridget Meighan **Mentor** (B.S., Integrative Neuroscience, Completed 2023)
14. Garismar Ramirez **Mentor** (B.S., Integrative Neuroscience, Completed 2023)
15. G. Claire Chier **Mentor** (B.S., Integrative Neuroscience, Completed 2024)
16. Michael Marone **Mentor** (B.S., Integrative Neuroscience, Completed 2024)

Master's Theses

1. Nadine Chang Reader (M.S., Computer Vision, Carnegie Mellon University, Completed 2018)
2. Jamie Listokin Reader (M.A., Clinical Research Methods, Completed 2019)
3. Sheniqua Jeffrey Reader (M.A., Applied Developmental Psychology, Completed 2020)
4. Mairin Cotter Reader (M.A., Clinical Research Methods, Completed 2021)
5. Margaret Benda Reader (M.A., Clinical Psychology, Completed 2023)
6. Anna Stewart Reader (M.A., Applied Developmental Psychology, Expected 2024)

Graduate Student Comprehensive Exam Reader

1. Neshat Yazdani (Applied Developmental Psychology, Completed 2020)

Dissertation Theses

1. Francesca Falzarano Reader (Ph.D., Applied Developmental Psychology, Completed 2019)
2. Natasha Chaku Reader (Ph.D., Applied Developmental Psychology, Completed 2020)
3. Emilie Picard Reader (Ph.D., Clinical Psychology, Completed 2020)
4. Dean Gomez Reader (Ph.D., Clinical Psychology, Completed 2021)
5. Xiangyu Tao Reader (Ph.D., Applied Developmental Psychology, Completed 2024)
6. Malorie Watson Reader (Ph.D., Clinical Psychology, In progress)
7. Rachel Bloom Reader (Ph.D., Applied Developmental Psychology, In progress)

PROFESSIONAL ACTIVITIES

2023	Mentor, Mentoring Envisioned-Insights, Vision Science Society
2022	Panel Reviewer, Perception Action and Cognition, National Science Foundation (NSF)
2022 – present	Associate Editor, Visual Cognition, Taylor and Francis
2020 – 2022	Consulting Editor, Visual Cognition, Taylor and Francis
2019 – 2023	Reviewing Editor, Experimental Results, Cambridge University Press
2019	Co-organizer of the Vision Science Society Satellite event: Large-scale datasets in visual neuroscience.
2017	Co-organizer of the International Conference of Computer Vision (ICCV) workshop: Mutual Benefits of Cognitive and Computer Vision, Venice, Italy. (https://sites.google.com/site/mbcc2017w/home)
2016 – 2018	Member of the Young Scientists Organization, World Economic Forum
2016 – 2018	Member of the Global Future Council on the Future of Computing, World Economic Forum

2015 Co-Instructor, fMRI Analysis Workshop, Center for Neuroscience, Indian Institute of Science, Bangalore, India.
2013 – 2015 Postdoctoral committee, Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA
2006 – 2007 Organizer of weekly Cognition, Brain, and Behavior seminar series, Harvard University, Cambridge, MA
2005 – 2006 Psychology Equal Access Committee, Harvard University, Cambridge, MA
2004 – 2005 Co-Organizer of Debates in the Practice of Good Science, Good Practice, Harvard University, Cambridge, MA
2003 – 2004 Psychology Representative, Graduate Student Council, Harvard University, Cambridge, MA

Fordham University Professional Service

2023 – 2024 Honors Program Coordinator, Rose Hill, Psychology Department
2023 – present Member, Integrative Neuroscience Program Executive Committee
2023 Member, Psychology Distinguished Fellowship Committee
2023 Member, Academic Integrity Policy Subcommittee
2023 Member, Faculty AI Visioning Committee
2023 Member, Merit Norm Workgroup, Psychology Department
2022 – 2024 Member, Applied Developmental Executive Committee
2021 – present Member, University Research Council
2021 – present Advisor, Integrative Neuroscience Student Association
2021 – present Advisor, Psychology Club, Student Organization
2021 – present Advisor, Psi Chi RH chapter, Psychology Department
2019 – present Reviewer, Fordham Undergraduate Research Grant
2018 – present Advisor, Undergraduate Psychology Majors
2018 – present Advisor, Undergraduate Integrative Neuroscience Majors
2016 – present Member, Applied Developmental Admissions Committee
2016 – present Member, Curriculum Committee - Graduate, Psychology Department
2022 Reviewer, Fordham Interdisciplinary Research Grant
2022 Member, Colloquium Committee, Psychology Department
2020 Reviewer, Social Innovation Research Fellow
2019 – 2021 Member, Merit Committee, Psychology Department
2019 – 2020 Member, Faculty Search Committee, Cognitive
2019 Reviewer, Fordham Faculty Research Grant
2019 Reviewer, Fordham Undergraduate Fulbright Grant
2018 – 2020 Advisor, Moment of Magic Student Organization
2018 – 2019 Advisor, Freshman Core Curriculum
2018 – 2019 Member, Faculty Search Committee, Applied Developmental
2018 Reviewer, Undergraduate Research Journal
2018 Reviewer, Social Innovation Research Fellow
2016 – 2022 Member, Cognitive PhD Program Development Committee

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AD HOC REVIEWER

Attention, Perception, & Psychophysics
Behavioral Brain Research
Biological Psychology
Brain Research
Cerebral Cortex
Cognition
Cognitive, Affective, and Behavioral Neuroscience (CABN)
Cognitive Neuroscience
Cognitive Computational Neuroscience Conference (CCN)
Communications Biology
Cortex
Current Directions in Psychological Science

Emotion
European Science Foundation
Human Brain Mapping
Journal of Cognitive Neuroscience
Journal of Experimental Psychology: Human Perception and Performance
Journal of Experimental Psychology: Learning, Memory and Cognition
Journal of Neuroscience
Memory & Cognition
National Science Foundation (NSF)
Nature Communications
NeuroImage
Neuropsychologia
Psychological Science
Psychonomic Bulletin & Review
Social Cognitive and Affective Neuroscience
Scientific Reports
Trends in Cognitive Sciences
United States – Israel Binational Science Foundation
Visual Cognition