

# Kate Nussenbaum

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## Academic Positions

from 7/1/2025: **Assistant Professor**, Psychological and Brain Sciences, Boston University

## Education and Training

2023 - 2025: **C.V. Starr Fellow**, Princeton Neuroscience Institute

2017 - 2023: **Ph.D.**, Psychology, New York University

2015 - 2017: **M.Sc. by Research**, Experimental Psychology, University of Oxford

2011 - 2015: **Sc.B.**, Cognitive Neuroscience; Science & Society, Brown University

## Funding

### Active

2023 - 2025: C.V. Starr Foundation Postdoctoral Fellowship (Role: PI; \$164,000)

### Completed

2022 - 2023: NIMH F31 Ruth L. Kirschstein National Research Service Award (Role: PI; \$41,115)  
*The development of adaptive specificity in learning and memory*

2018 - 2021: U.S. Department of Defense NDSEG Fellowship (Role: PI; \$118,000 + 3 years tuition)  
*Neurocognitive mechanisms underlying optimal learning in dynamic environments*

## Awards and Honors

2024: Fryer Award for Best Doctoral Thesis, *NYU Department of Psychology*

2021: Dissertation Research Award, *American Psychological Association*

2021: Martin Braine Fellowship, *NYU Department of Psychology*

2020: NYU Katzell Summer Fellowship, *NYU Department of Psychology*

2018, 2019: Dean's Travel Grant, *NYU Graduate School of Arts and Sciences*

2017: Travel Award, *Flux Society for Developmental Cognitive Neuroscience*

2017: Engberg Award for an Outstanding Entering Graduate Student, *NYU Department of Psychology*

2017: Grindley Grant, *Experimental Psychology Society*

2016, 2017: Murray Speight Research Grant, *Rhodes Trust*

2016: Editor's Choice Award (best 2016 paper), *Journal of Cognition and Development*

2015 - 2017: Rhodes Scholarship

- 2015: Marshall Scholarship (declined)
- 2015: Whalen Award for Undergraduate Research in Neuroscience, *Brown University*
- 2015: Research at Brown Travel Award, *Brown University*
- 2015: Sigma Xi
- 2014: Phi Beta Kappa (*early election as a junior*)
- 2014: Undergraduate Teaching and Research Award, *Brown University*
- 2013 - 2014: Teaching-Research-Impact Lab Student Fellowship, *Brown University*
- 2013: Solsbery Summer Research Fellowship, *Brown University*
- 2011: United States Presidential Scholar (*1 of 2 from Massachusetts*)
- 2011: National Merit Scholarship

## Journal Publications

*Trainees working under my mentorship are underlined. The \* denotes equal author contribution.*

17. Jach, H.K., Cools, R., Frisvold, A., Grubb, M., Hartley, C.A., Hartman, J., Hunter, L., Jia, R., de Lange, F., Larisch, R., Lavelle-Hill, R., Levy, I., Li, Y., van Lieshout, L., **Nussenbaum, K.**, Ravaioli, S., Wilson, R., Woodford, M., Murayama, K., & Gottlieb, J. (2024). Individual differences in information demand have a low dimensional structure predicted by some curiosity personality traits. *Proceedings of the National Academy of Sciences*, 121(45), e2415236121.  
[pdf] [data & code]
16. **Nussenbaum, K.** & Hartley, C.A. (2024). Meta-learned models as tools to test theories of cognitive development. (Commentary on Binz et al). *Behavioral and Brain Sciences*, 47, e157.  
[link]
15. **Nussenbaum, K.\***, Katzman, P.L.\*, Lu, H., Zorowitz, S., & Hartley, C.A. (2024). Sensitivity to the instrumental value of choice increases across development. *Psychological Science*, 35(8), 933-947.  
[pdf] [data & code]
14. **Nussenbaum, K.** & Hartley, C.A. (2024). Understanding the development of reward learning through the lens of meta-learning. *Nature Reviews Psychology*, 3, 424-438.  
[link]
13. **Nussenbaum, K.\***, Martin, R.E.\*, Maulhardt, S., Yang, J., Bizzell-Hatcher, G., Bhatt, N.S., Scheuplein, M., Rosenbaum, G.M., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2023). Novelty and uncertainty differentially drive exploration across development. *eLife*, 12, e84260.  
[pdf][data & code]
12. **Nussenbaum, K.**, Velez, J.A., Washington, B.T., Hamling, H.E., & Hartley, C.A. (2022). Flexibility in valenced reinforcement learning computations across development. *Child Development*, 93, 1601-1615.  
[pdf] [data & code]
11. Hartley, C.A., **Nussenbaum, K.**, & Cohen, A.O. (2021). Interactive development of adaptive learning and memory. *Annual Review of Developmental Psychology*, 3, 59 - 85.  
[pdf]

10. **Nussenbaum, K.** & Hartley, C.A. (2021). Developmental change in prefrontal cortex recruitment supports the emergence of value-guided memory. *eLife*, 10, e69796.  
[pdf] [data & code]
9. **Nussenbaum, K.**, Scheuplein, M., Phaneuf, C.V., Evans, M.D., & Hartley, C.A. (2020). Moving developmental research online: comparing in-lab and web-based studies of model-based reinforcement learning. *Collabra: Psychology*, 6(1), 1-18.  
[pdf] [data & code]
8. Cohen, A.O.\*, **Nussenbaum, K.\***, Dorfman, H.M., Gershman, S.J., & Hartley, C.A. (2020). The rational use of causal inference to guide reinforcement learning strengthens with age. *npj Science of Learning*, 5(16), 1-9.  
[pdf] [data & code]
7. **Nussenbaum, K.\***, Cohen, A.O.\*, Davis, Z.J., Halpern, D.J., Gureckis, T.M., & Hartley, C.A. (2020). Causal information-seeking strategies change across childhood and adolescence. *Cognitive Science*, 44(8), e12888.  
[pdf] [data & code]
6. **Nussenbaum, K.**, Prentis, E., & Hartley C.A. (2020). Memory's reflection of learned information value increases across development. *Journal of Experimental Psychology: General*, 149(10), 1919-1934.  
[pdf] [data & code]
5. **Nussenbaum, K.** & Hartley, C.A. (2019). Reinforcement learning across development: What insights can we draw from a decade of research? *Developmental Cognitive Neuroscience*, 40, 100733.  
[pdf]
4. **Nussenbaum, K.**, Scerif, G.\*, & Nobre, A.C.\* (2019). Differential effects of salient visual events on memory-guided attention in adults and children. *Child Development*, 90(4), 1369-1388.  
[pdf] [data & code]
3. **Nussenbaum, K.**, Amso, D., & Markant, J. (2017). When increasing distraction helps learning: Distractor number and content interact in their effects on memory. *Attention, Perception, & Psychophysics*, 79(8), 2606-2619.  
[pdf] [data]
2. Markant, J., Ackerman, L., **Nussenbaum, K.**, & Amso, D. (2016). Selective attention neutralizes the adverse effects of low socioeconomic status on memory in 9-month-old infants. *Developmental Cognitive Neuroscience*, 18, 26-33.  
[pdf]
1. **Nussenbaum, K.** & Amso, D. (2016). An attentional Goldilocks effect: An optimal amount of social interactivity promotes word learning from video. *Journal of Cognition and Development*, 17(1), 30-40.  
[pdf]

**Received Editor's Choice Award for journal's best 2016 article.**

## Submitted Manuscripts

1. **Nussenbaum, K.** & Hartley, C.A. (in revision, *Nature Communications*). Reinforcement learning increasingly shapes memory specificity from childhood to adulthood.  
[preprint] [data & code]

2. Zhang, A., Kahn, A.E., Daw, N.D., **Nussenbaum, K.\***, & Hartley, C.A.\* (submitted). Children leverage predictive representations for flexible, value-guided choice. [\[preprint\]](#) [\[data & code\]](#)

## Peer-Reviewed Conference Proceedings

6. **Nussenbaum, K.**, & Daw, N. (2024). Individual differences in strategic exploration may reflect rational consideration of learning. Cognitive Computational Neuroscience, Boston, MA. **Poster presentation.** [\[pdf\]](#)
5. Lu, H.\*, Katzman, P.\*, **Nussenbaum, K.**, & Hartley, C.A. (2023). Sensitivity to the instrumental value of agency increases across development. Cognitive Computational Neuroscience, Oxford, UK. **Poster presentation.** [\[pdf\]](#)
4. Zhang, A., **Nussenbaum, K.**, & Hartley, C.A. (2023). Development of non-local learning. Cognitive Computational Neuroscience, Oxford, UK. **Poster presentation.** [\[pdf\]](#)
3. **Nussenbaum, K.** & Hartley, C.A. (2023). Reinforcement learning influences memory specificity across development. Cognitive Computational Neuroscience, Oxford, UK. **Poster presentation.** [\[pdf\]](#)
2. **Nussenbaum, K.** & Hartley, C.A. (2020). Prefrontal-striatal circuitry supports adaptive memory prioritization across development. In: *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society*. **Selected for talk.** [\[pdf\]](#)
1. **Nussenbaum, K.\***, Cohen, A.O.\*, Davis, Z.J., Halpern, D., Gureckis, T.M., & Hartley, C.A. (2019). Causal intervention strategies change across adolescence. In: *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*. **Poster presentation.** [\[pdf\]](#) [\[data & code\]](#)

## Additional Conference Presentations

### Talks

**Nussenbaum, K.** & Hartley, C.A. (2024). Reinforcement learning increasingly shapes memory specificity from childhood to adulthood. Talk at the Context and Episodic Memory Symposium, Philadelphia, PA.

**Nussenbaum, K.** & Hartley, C.A. (2024). Reinforcement learning increasingly shapes memory specificity from childhood to adulthood. Symposium talk at the Association for Psychological Science Annual Convention, San Francisco, CA. **Chair of symposium on 'Dynamic interactions between learning and memory across the lifespan.'**

**Nussenbaum, K.**, Martin, R.E., Maulhardt, S., Yang, J., Bizzell-Hatcher, G., Bhatt, N.S., Scheuplein, M., Rosenbaum, G.M., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2023). Novelty and uncertainty differentially drive exploration across development. Lightning talk at the International Conference on Learning and Memory, Huntington Beach, CA.

**Nussenbaum, K.**, Hamling, H.E., Zhu, H., Kerbl, L., Washington, B.T., & Hartley, C.A. (2023). Sensitivity to environmental volatility across development: Evidence from reinforcement learning and pupillometry. Symposium talk at the Society for Research in Child Development, Salt Lake City, UT.

**Nussenbaum, K.**, Martin, R.E., Maulhardt, S., Yang, J., Bizzell-Hatcher, G., Bhatt, N.S., Scheuplein, M., Rosenbaum, G.M., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2022). Differential effects of novelty and uncertainty on exploratory choice across development. Poster spotlight at the multidisciplinary conference on Reinforcement Learning and Decision Making, Providence, RI.

**Nussenbaum, K.**, Martin, R.E., Bhatt, N.S., Bizzell-Hatcher, G., Maulhardt, S., Rosenbaum, G.M., Scheuplein, M., Yang, J., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2022). Novelty and uncertainty differentially drive exploration across development. Data blitz at the Cognitive Neuroscience Society, San Francisco, CA.

**Nussenbaum, K.**, Hamling, H., Washington, B., Velez, J.A., & Hartley, C.A. (2021). Adaptability of positive and negative learning rates across development. Symposium talk at the Flux Congress for Developmental Cognitive Neuroscience, virtual meeting.

**Nussenbaum, K.**, Cohen, A.O., Davis, Z.J., Halpern, D.J., Gureckis, T.M. & Hartley, C.A. (2021). Causal information-seeking strategies change across development. Symposium talk at the Society for Research in Child Development, virtual meeting.

**Nussenbaum, K.**, Valencia, D., Greer, J., Keathley, N., & Hartley, C.A. (2020). Prefrontal-striatal circuitry supports adaptive memory prioritization across development. Flash talk at the Flux Congress for Developmental Cognitive Neuroscience, virtual meeting.

**Nussenbaum, K.**, Cohen, A.O., Davis, Z.J., Halpern, D., Gureckis, T.M. & Hartley, C.A. (2019). Changes in causal intervention strategies across adolescence. Lightning talk at the Workshop on Curiosity, Exploration, and Explanation, Princeton University, Princeton, NJ.

**Nussenbaum, K.**, Prentis, E., Valencia, D., & Hartley, C.A. (2019). The use of past experience to guide memory increases across development. Talk at the Manhattan Area Memory Meeting, Princeton University, Princeton, NJ.

## Posters

**Nussenbaum, K.**, & Daw, N. (2024). Good and consequential counterfactual outcomes are prioritized during learning. Society for Neuroeconomics, Cascais, Portugal.

**Nussenbaum, K.**, Zhang, A., Kahn, A., Daw, N., & Hartley, C.A. (2024). Children leverage predictive representations for reward-guided choice. Flux Congress for Developmental Cognitive Neuroscience, Baltimore, MD.

Hamling, H., **Nussenbaum, K.**, Zhu, H., Kerbl, L., Washington, B.T., & Hartley, C.A. (2024). Developmental changes in the adaptation of learning computations to environmental volatility. Computational Psychiatry Conference, Minneapolis, MN.

Saragosa-Harris, N., **Nussenbaum, K.**, Hartley, C.A., & Silvers, J. (2023). The effects of novelty and uncertainty on exploratory behaviors following early life adversity. Flux Congress for Developmental Cognitive Neuroscience, Santa Rosa, CA.

Zhang, A., **Nussenbaum, K.**, & Hartley, C.A. (2023). Development of non-local planning behavior. International Conference on Learning and Memory, Huntington Beach, CA.

**Nussenbaum, K.**, Hamling, H.E., Zhu, H., Kerble, L., Washington, B.T., & Hartley, C.A. (2023). Sensitivity to environmental volatility during learning changes across development. International Conference on Learning and Memory, Huntington Beach, CA.

**Nussenbaum, K.**, Martin, R.E., Maulhardt, S., Yang, J., Bizzell-Hatcher, G., Bhatt, N.S., Scheuplein, M., Rosenbaum, G.M., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2022). Novelty and uncertainty differentially drive exploration across development. Society for Neuroeconomics, Crystal City, VA.

**Nussenbaum, K.**, Martin, R.E., Maulhardt, S., Yang, J., Bizzell-Hatcher, G., Bhatt, N.S., Scheuplein, M., Rosenbaum, G.M., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2022). Differential effects of novelty and uncertainty on exploratory choice across development. Conference on Reinforcement Learning and Decision Making, Providence, RI.

**Nussenbaum, K.,** Martin, R.E., Bhatt, N.S., Bizzell-Hatcher, G., Maulhardt, S., Rosenbaum, G.M., Scheuplein, M., Yang, J., O'Doherty, J.P., Cockburn, J., & Hartley, C.A. (2022). Novelty and uncertainty differentially drive exploration across development. Cognitive Neuroscience Society, San Francisco, CA.

Scheuplein, M., **Nussenbaum, K.,** Phaneuf, C.V., Evans, M.D., & Hartley, C.A. (2020). Developmental differences in model-based learning and abstract reasoning: an online replication study. Flux Congress for Developmental Cognitive Neuroscience, virtual meeting.

**Nussenbaum, K.,** Valencia, D., Greer, J., Keathley, N., & Hartley, C.A. (2020). Prefrontal-striatal circuitry supports adaptive memory prioritization across development. Flux Congress for Developmental Cognitive Neuroscience, virtual meeting.

**Nussenbaum, K.,** Valencia, D., Greer, J., Keathley, N., & Hartley, C.A. (2020). Neural mechanisms underlying the use of learned value to guide memory across development. Context and Episodic Memory Symposium, virtual meeting.

**Nussenbaum, K.,** Valencia, D., Greer, J., Keathley, N., & Hartley, C.A. (2020). Neural mechanisms underlying the use of learned value to guide memory across development. Cognitive Neuroscience Society, virtual meeting.

**Nussenbaum, K.,** Cohen, A.O., Davis, Z.J., Halpern, D., Glover, M., Valencia, D., Shen, X., Gureckis, T.M., & Hartley, C.A. (2019). Causal information-seeking strategies change through adolescence. Flux Congress for Developmental Cognitive Neuroscience, New York, NY.

Cohen, A.O., **Nussenbaum, K.,** Dorfman, H., Glover, M., Valencia, D., Shen, X., Gershman, S.J., & Hartley, C.A. (2019). Developmental change in the influence of causal judgments on reinforcement learning. Flux Congress for Developmental Cognitive Neuroscience, New York, NY.

**Nussenbaum, K.,** Cohen, A.O., Davis, Z.J., Halpern, D., Gureckis, T.M., & Hartley, C.A. (2019). Causal intervention strategies change across adolescence. Cognitive Science Society, Montreal, Canada.

**Nussenbaum, K.,** Cohen, A.O., Dorfman, H., Glover, M., Valencia, D., Shen, X., Gershman, S.J., & Hartley, C.A. (2019). Developmental change in the use of causal inference to guide reinforcement learning. Conference on Reinforcement Learning and Decision Making, Montreal, Canada.

Cohen, A.O., **Nussenbaum, K.,** Dorfman, H., Shen, X., Sardar, H., Valencia, D., Glover, M., Gershman, S.J., & Hartley, C.A. (2019). Age-related change in the effects of causal judgments on learning from reinforcement. Social and Affective Neuroscience Society, Miami, FL.

**Nussenbaum, K.,** Prentis, E., & Hartley, C.A. (2018). Strategic encoding of useful information across development. Society for Neuroeconomics, Philadelphia, PA.

**Nussenbaum, K.,** Prentis, E., Ocampo, J.D., & Hartley, C.A. (2018). Developmental changes in the use of environmental statistics to strategically modulate memory. Flux Congress for Developmental Cognitive Neuroscience, Berlin, Germany.

**Nussenbaum, K.** & Hartley, C.A. (2018). Developing the ability to remember information with high future reward. Social and Affective Neuroscience Society, New York, NY.

**Nussenbaum, K.** & Hartley, C.A. (2018). Developing the ability to remember useful information. UC Irvine International Conference on Learning and Memory, Irvine, CA.

**Nussenbaum, K.,** Nobre, A.C., & Scerif, G. (2017). Salient visual events disrupt memory-guided attention in adults but not children. Flux Congress for Developmental Cognitive Neuroscience, Portland, OR.

**Nussenbaum, K.,** Nobre, A.C., & Scerif, G. (2017). Memories and exogenous cues interact differently across age groups to influence attentional orienting. Society for Research in Child Development, Austin, TX.

**Nussenbaum, K.,** Myers, N., Nobre, A.C., & Scerif, G. (2016). Developmental changes in memory-guided and exogenously cued attention. Autumn School in Cognitive Neuroscience, Oxford, UK.

**Nussenbaum, K., Markant, J., & Amso, D. (2016).** Increasing distractor set size reduces conceptual interference during target encoding. Cognitive Neuroscience Society, New York, NY.

**Nussenbaum, K. & Amso, D. (2015).** An attentional Goldilocks effect for children's word-learning from digital media. Society for Research in Child Development, Philadelphia, PA.

## Invited Talks

2024: ConCats Seminar, NYU

2024: Developmental Science Colloquium, Boston University

2024: Mega-Decision Lab Meeting, University of Birmingham (virtual)

2024: PDP Seminar, Princeton University

2024: Department of Psychological and Brain Sciences, Boston University

2023: Human Neuroimaging Group, UNC Chapel Hill (virtual)

2023: Aging Well Lab, UT Dallas (PI: Kendra Seaman) (virtual)

2023: Program in Cognitive Science, Dartmouth College

2022: Institute of Child Development Computational Modeling Reading Group, University of Minnesota (virtual)

2021: Computational Modeling in Development Workshop, Flux Congress (virtual)

2021: Department of Psychology, NYU (virtual)

2020: Affective Brain Lab, University College London (PI: Tali Sharot) (virtual)

2020: Developmental Affective Neuroscience Lab, Columbia University (PI: Nim Tottenham) (virtual)

2020: Developing Brains in Context Lab, University of Oregon (PI: Kate Mills) (virtual)

2020: Learning and Brain Development Lab, Tulane University (PI: Julie Markant) (virtual)

2019: Department of Psychology Miniconvention, NYU

2019: ConCats Seminar, NYU

2018: Department of Psychology Miniconvention, NYU

## Teaching

Summer 2021: **Guest Lecture**, Developmental Psychology, NYU, *Developing cognitive control*

Spring 2020: **Guest Lecture**, Developmental Psychology, NYU, *Memory development*

Spring 2020: **Teaching Assistant**, Developmental Psychology, NYU (Dr. Karen Adolph)

Spring 2015: **Teaching Assistant**, Human Cognition, Brown University (Dr. Joe Austerweil)

## Mentoring

- 2022 - 2024: **Alice Zhang**, Hartley Lab Manager → Ph.D. Student, University of Oxford
- 2020 - 2023: **Juan Velez**, NYU undergraduate
- Collegiate Research Initiative Scholar
  - Dean's Undergraduate Research Fund award (x2)
- 2020 - 2022: **Hannah Hamling**, NYU undergraduate → Ph.D. Student, University of Minnesota
- Honors thesis: Learning in volatile environments across adolescence
  - Coons/Leibowitz Research Award
  - Hillary Anne Citrin Memorial Award for Outstanding Departmental Honors Thesis
  - Glushko Prize for Outstanding Honors Thesis in Minds, Brains, and Machines
  - Dean's Undergraduate Research Fund award (x3)
- 2021 - 2022: **Naiti Bhatt**, Hartley Lab Manager → Ph.D. Student, University of Edinburgh
- 2021 - 2022: **Haoze Zhu**, NYU Shanghai undergraduate → M.Sc. Student, Donders Institute
- 2020 - 2022: **Lia Washington**, NYU undergraduate → MIT Research Scholars Program
- Wasserman Center Internship Grant recipient (x2)
  - Dean's Undergraduate Research Fund award (x2)
- 2021 - 2022: **Linda Kerbl**, visiting MA student → Ph.D. Student, MPI for Human Development
- 2021: **Leticia Wood**, Brown University undergraduate → UX Researcher, Duolingo
- NYU Center for Neural Science REU participant
- 2018 - 2020: **Daphne Valencia**, NYU masters student → Research Coordinator, Mt. Sinai Hospital
- MA thesis: Memory prioritization across development
- 2019: **Nora Keathley**, Emory University undergraduate → Research Coordinator, Imagen
- 2019: **Jamie Greer**, Vassar College undergraduate → Ph.D. Student, Harvard
- 2019: **Michael Parola**, NYU undergraduate → J.D. Student, Georgetown
- 2018 - 2019: **Euan Prentis**, NYU undergraduate → Ph.D. Student, University of Chicago
- Honors thesis: Episodic memory's role in decision-making across development
  - Doris Aaronson Award for Outstanding Departmental Research
  - Dean's Undergraduate Research Fund award (x2)
- 2018: **Sree Panuganti**, Marvin Ridge High School → B.S. Student, Purdue University
- NYU GSTEM program participant
- 2018: **Daryl Ocampo**, NYU undergraduate → Assistant to the Chair of Psychology, NYU

## Service

### Ad Hoc Peer Review

#### Journals

*Cerebral Cortex*

*Child Development*

*Clinical Psychological Science*

*Cognition*

*Cognitive, Affective, and Behavioral Neuroscience*

*Communications Psychology*

*Current Opinion in Behavioral Sciences*

*Developmental Psychology*



*Developmental Science*  
*Journal of Experimental Child Psychology*  
*JEP: General*  
*JEP: Learning, Memory, and Cognition*  
*Mind, Brain, and Education*  
*Nature Communications*  
*Nature Reviews Psychology*  
*Nature Scientific Reports*  
*Neurobiology of Aging*

*Neuroscience and Biobehavioral Reviews*  
*PLOS Biology*  
*PLOS Computational Biology*  
*PLOS One*  
*Psychology of Popular Media*  
*Psychonomic Bulletin & Review*  
*Science Advances*  
*Social Cognitive and Affective Neuroscience*  
*Trends in Cognitive Sciences*

## Conferences & Grants

CEU Conference on Cognitive Development  
 Cognitive Computational Neuroscience  
 Cognitive Science Society

Society for Research on Adolescence  
 Wellcome Trust

## Volunteer Positions

2020 - 2023: **Selector and mentor**, Brown University U.K. Scholarships Committee  
 2021 - 2022: **Reviewer**, NYU Global Awards Summer Application Development Cohort  
 2021 - 2022: **Student representative**, Psychology and Data Science faculty search committee, NYU  
 2021: **Project reviewer**, RISE Global Scholarship  
 2018 - 2020: **Trainee Committee co-chair**, Flux Society for Developmental Cognitive Neuroscience  
 2020: **Doctoral Admissions Working Group member**, NYU Psychology Department  
 2020: **Expenses and Reimbursement Working Group member**, NYU Psychology Department  
 2020: **Research experience leader**, NYU Psychology Department virtual summer internship  
 2017 - 2020: **Volunteer**, brainNY  
 2019 - 2020: **Social events co-chair**, Cognition & Perception Graduate Program Student Board, NYU  
 2017 - 2018: **Volunteer**, Scientist Action and Advocacy Network, NYU  
 2016 - 2017: **Speakers Committee member**, Global Scholars Symposium, Cambridge, UK  
 2015 - 2016: **Logistics Committee member**, Global Scholars Symposium, Oxford, UK  
 2013 - 2014: **Co-organizer**, Healthy Early Childhood Development Symposium, Providence, RI

## Outreach events

2024: Writing a personal statement. Lunch & learn for Princeton summer undergraduate interns  
 2021: What is a Ph.D.? Panel for NYU Undergraduates in Psychology  
 2020: Applying to the Rhodes Scholarship. Panel for Brown University undergraduates  
 2018: Expectations for Graduate School in STEM. Panel for NYU Undergraduates  
 2015: Applying for Research Fellowships. Panel for Brown University Women in Science & Engineering  
 2015: Applying to U.K. Fellowships. Panel for Brown University undergraduates

## Other Training

2022: Kavli Summer Institute in Cognitive Neuroscience  
2019: Methods in Neuroscience at Dartmouth  
2018: NYU Science Communication Workshop  
2016 - 2017: Oxford Center for Functional Magnetic Resonance Imaging Graduate Training Programme