

# ALEXANDRA OCHOA COHEN, Ph.D.

Department of Psychology, Emory University  
36 Eagle Row, PAIS Building, Suite 270  
Atlanta, GA 30322  
(404) 727-9882  
ali.cohen@emory.edu  
www.thelumenlab.org

## ACADEMIC APPOINTMENTS

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Aug 2022 – **Emory University**, Atlanta, GA  
Present Assistant Professor, Department of Psychology  
Core Faculty, Neuroscience and Behavioral Biology (NBB) Program  
Faculty Affiliate, Center for Mind, Brain, & Culture

## EDUCATION AND TRAINING

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June 2017 – **New York University**, New York, NY  
July 2022 Postdoctoral Fellow

Aug 2012 – **Weill Cornell Graduate School of Medical Sciences**, New York, NY  
April 2017 Ph.D., Neuroscience

Aug 2008 – **Duke University**, Durham, NC  
May 2012 B.S., Neuroscience (with Distinction), minor in Psychology, *magna cum laude*

## HONORS AND AWARDS

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2024 Laney Graduate School Mentor Fellow  
2022 Pedagogy mini-grant, Emory College  
2022 Elected to Memory Disorders Research Society (MDRS)  
2021 Society for Neuroscience Trainee Professional Development Award  
2021 International Society for Developmental Psychobiology Travel Award  
2021 Best talk, "Memory Matters: Studies Examining Human Memory" Data Blitz, Virtual UCI Center for the Neurobiology of Learning and Memory Spring Conference  
2019 International Convention of Psychological Science Travel Grant, Paris, France  
2018 Neurohackademy Fellow, University of Washington eScience Institute, Seattle, WA  
2017 National Science Foundation SBE Postdoctoral Research Fellowship Award  
2017 Gordon Research Conference Carl Storm Underrepresented Minority Fellowship, Amygdala Function in Emotion, Cognition & Disease  
2017 Tools of the Trade Workshop: Human Neuroimaging Best Practices, UCLA, Travel Award  
2016 Weill Cornell Frank & Blanche Mowrer Memorial Fellowship  
2016 Weill Cornell Graduate School Student Service Award  
2015 American Psychological Association Dissertation Research Award Grant  
2015 NIMH Summer Institute in Cognitive Neuroscience Fellowship, Santa Barbara, CA  
2014 National Science Foundation Graduate Research Fellowship Award  
2013 Phi Beta Kappa Society Member  
2012 Faculty Scholar Award Nominee, Duke University  
2012 Undergraduate Research Support Grant, Duke University

2011 Summer Neuroscience Research Fellowship, Goldman Sachs Research Fellow, Duke University

## RESEARCH FUNDING

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Pending	NIMH R01MH141201 (scored 10 <sup>th</sup> percentile with ESI status) <i>Dopaminergic and noradrenergic mechanisms of emotion-related memory over development</i> \$3,228,985 Role: PI
2024-2029	NIMH R01MH134972 <i>Superior colliculus pathways for defensive behavior and emotional arousal</i> \$3,214,714 Role: Co-I (PI: Kragel)
2022-2027	NIDA K01DA053438 <i>Neurocognitive mechanisms of reward-motivated memory persistence across age</i> \$870,759 Role: PI
2017-2019	National Science Foundation SBE Postdoctoral Research Fellowship Award <i>Developmental trajectories of emotional learning and episodic memory</i> \$138,000 Role: PI
2016-2017	Weill Cornell Frank & Blanche Mowrer Memorial Fellowship <i>Effects of brief and prolonged emotion on cognitive and neural processes across development</i> \$12,000 Role: PI
2014-2017	National Science Foundation Graduate Research Fellowship Award \$96,000 plus 3 years tuition Role: PI
2015-2016	American Psychological Association Dissertation Research Award Grant <i>Effects of brief and prolonged emotion on cognitive capacity across development</i> \$1,000 Role: PI

## PUBLICATIONS

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(\*Equal contribution, +Mentee co-author)

33. Casey, B.J., **Cohen, A.O.**, Galvan, A. (2025). The beautiful adolescent brain: An evolutionary developmental perspective. *Annals of the New York Academy of Sciences*. <https://doi.org/10.1111/nyas.15314>
32. Insel, C. & **Cohen, A.O.** (2025). More than just a phase: adolescence as a window into how the brain generates behavior. *Current Directions in Psychological Science*.  
<https://doi.org/10.1177/09637214251313733>
31. Luo, X., Rechartt, A., Sun G., Nejad, K. K., Yáñez, F., Yilmaz, B., Lee, K., **Cohen, A.O.**,...& Love, B.C. (2024). Large language models surpass human experts in predicting neuroscience results. *Nature Human*

*Behavior*. <https://doi.org/10.48550/arXiv.2403.03230>

30. Weigard, A.S., Suzuki, T., Skalaban, L.J., Conley, M., **Cohen, A.O.**, Garavan, H., Heitzeg, M.M., Casey, B.J., Sripada, C., and Heathcote, A. (2024). Dissociable contributions of goal-relevant evidence and goal-irrelevant familiarity to n-back performance in youth. *Cognitive Science*. <https://doi.org/10.31234/osf.io/nvh98>
29. Rubien-Thomas, E., Berrian, N., Rapuano, K.M., Skalaban, L.J., Cervera, A., Nardos, B., **Cohen, A.O.**, Lowrey, A., Daumeyer, N.M., Watts, R., Camp, N.P., Hughes, B.L., Eberhardt, J.L., Taylor-Thompson, K.A., Fair, D.A., Richeson, J.A., & Casey, B.J. (2023). Uncertain threat is associated with greater impulsive actions and neural dissimilarity to Black versus White faces. *Cognitive, Affective, & Behavioral Neuroscience*. <https://doi.org/10.3758/s13415-022-01056-2>
28. **Cohen, A.O.**\*, Phaneuf, C.V. \*\*, Rosenbaum, G.M., Glover, M.M.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Shen, X.<sup>+</sup>, & Hartley, C.A. (2022). Reward-motivated memories influence new learning across development. *Learning & Memory*, 29(10), 421-429. [GitHub]
27. Saragosa-Harris, N.M.<sup>+</sup>, **Cohen, A.O.**, Reneau, T.R., Villano, W.J., Heller, A.S., & Hartley, C.A. (2022). Real-world exploration increases across adolescence and relates to affect, risk-taking, and social connectivity. *Psychological Science*, 33(10), 1664-1679.
26. Skalaban, L.J., **Cohen, A.O.**, Conley, M.I., Lin, Q., Schwartz, G.N., Ruiz-Huidobro, N.A.M., Cannonier, T., Martinez, S.A., & Casey, B.J. (2022). Adolescent-specific memory effects: evidence from working memory, immediate and long-term recognition memory performance in 8-30 yr olds. *Learning & Memory*, 29(8), 223-233.
25. **Cohen, A.O.**, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Phaneuf, C.V.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2022). Reward enhances memory via age-varying online and offline neural mechanisms across development. *Journal of Neuroscience*, 42(33), 6424-6432. [OSF]
24. Hartley, C.A., Nussenbaum, K., & **Cohen, A.O.** (2021). Interactive development of adaptive learning and memory. *Annual Review of Developmental Psychology*, 3, 59-85.
23. Rubien-Thomas, E., Berrian, N., Cervera, A., Nardos, B., **Cohen, A.O.**, Lowrey, A., Daumeyer, N.M., Camp, N.P., Hughes, B.L., Eberhardt, J.L., Taylor-Thompson, K.A., Fair, D.A., Richeson, J.A., & Casey, B.J. (2021). Processing of Task-Irrelevant Race Information is Associated with Diminished Cognitive Control in Black and White Individuals. *Cognitive, Affective, & Behavioral Neuroscience*. <https://doi.org/10.3758/s13415-021-00896-8>
22. Saragosa-Harris, N.M.<sup>+</sup>, **Cohen, A.O.**\*, Shen, X.<sup>+</sup>, Sardar, H.<sup>+</sup>, Alberini, C.M., & Hartley, C.A. (2021). Associative memory persistence and specificity in three- to five-year-olds. *Developmental Science*, e13105. <https://doi.org/10.1111/desc.13105> [OSF]
21. **Cohen, A.O.** & Meyer, H.C. (2020). Ventral hippocampus projections to prelimbic cortex support contextual fear memory. *Journal of Neuroscience*, 40(44), 8410–8412 [Journal Club article]
20. **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 changes with age. *npj Science of Learning*, 5(16), 1-9. <https://doi.org/10.1038/s41539-020-00075-3> [OSF]

19. Nussenbaum, K.\*, **Cohen, A.O.\***, Davis, Z.J., Halpern, D., Gureckis, T.M., & Hartley C.A. (2020). Causal information-seeking strategies change across childhood and adolescence. *Cognitive Science*, 44(9), 1-24. doi: 10.1111/cogs.12888 [OSF]
18. Rosenberg, M.D., Martinez, S.A., Rapuano, K.M., Conley, M.I.<sup>+</sup>, **Cohen, A.O.**, Cornejo, M.D., Hagler, D.J., Meredith, W.J., Anderson, K.M., Wager, T.D., Feczko, E., Earl, E., Fair, D.A., Barch, D.M., Watts, R., Casey, B.J. (2020). Behavioral and neural signatures of working memory in childhood. *Journal of Neuroscience*. doi: 10.1523/JNEUROSCI.2841-19.2020
17. **Cohen, A.O.**, Matese, N.G.<sup>+</sup>, Filimontseva, A.<sup>+</sup>, Shen, X.<sup>+</sup>, Shi, T.C., Livne, E., & Hartley, C.A. (2019). Aversive learning strengthens episodic memory in adolescents & adults. *Learning & Memory*, 26(7), 272-279. doi: 10.1101/lm.048413.118 [OSF]
16. Casey, B.J., Heller, A.S., Gee, D.G., and **Cohen, A.O.** (2019). Development of the emotional brain. *Neuroscience Letters*, 693, 29-34. doi: 10.1016/j.neulet.2017.11.055
15. Conley, M.I.<sup>+</sup>, Dellarco, D.V.<sup>+</sup>, Rubien-Thomas, E., **Cohen, A.O.**, Cervera, A., Tottenham, N., & Casey, B.J. (2018). The Racially Diverse Affective Expression (RADIATE) Face Stimulus Set. *Psychiatry Research*, 270, 1059-1067. doi: 10.1016/j.psychres.2018.04.066
14. Casey, B.J., Cannonier, T., Conley, M.I.<sup>+</sup>, **Cohen, A.O.**, Barch, D.M., Heitzeg, M.M., Soules, M.E., Teslovich, T., Dellarco, D.V.<sup>+</sup>, Garavan, H., Orr, C.A., Wager, T.D., Banich, M.T., Speer, N.K., Sutherland, M.T., Riedel, M.C., Dick, A.S., Bjork, J.M., Thomas, K.M., Charaani, B., Mejia, M.H., Hagler, D.J., Cornejo, D., Sicat, C.S., Harms, M., Dosenbach, N.U.F., Rosenberg, M., Earl, E., Bartsch, H., Watts, R., Polimeni, J.R., Kuperman, J.M., Fair, D.A., Dale, A.M., and the ABCD Imaging Acquisition Workgroup. (2018). The Adolescent Brain Cognitive Development (ABCD) Study: Imaging acquisition across 21 sites. *Developmental Cognitive Neuroscience*, 32, 43-54. doi: 10.1016/j.dcn.2018.03.001
13. Breiner, K., Li, A., **Cohen, A.O.**, Steinberg, L., Bonnie, R.J., Scott, E.S., Taylor-Thompson, K., Rudolph, M.D., Chein, J., Richeson, J.A., Dellarco, D.V.<sup>+</sup>, Fair, D.A., Casey, B.J., Galvan, A. (2018). Combined effects of peer presence, social cues, and rewards on cognitive control in adolescents. *Developmental Psychobiology*, 60(3), 292-302. doi: 10.1002/dev.21599
12. Dreyfuss, M.F.W., Riegel, M., Pedersen, G., **Cohen, A.O.**, Silverman, M.R., Dyke, J.P., Mayer, L.E.S., Walsh, B.T., Casey, B.J., and Broft, A.I. (2017). Patients with bulimia nervosa fail to show typical neurodevelopment of cognitive control under emotional influences. *Psychiatry Research: Neuroimaging*, 266, 59-65.
11. Rudolph, M.D., Miranda-Dominguez, O., **Cohen, A.O.**, Breiner, K., Steinberg, L., Bonnie, R.J., Scott, E.S., Taylor-Thompson, K.A., Chein, J., Fettiich, K.C., Richeson, J.A., Dellarco, D.V.<sup>+</sup>, Galvan, A., Casey, B.J., and Fair, D.A. (2017). At risk of being risky: the relationship between “brain age” under emotional states and risky behavior. *Developmental Cognitive Neuroscience*, 24, 93-106. doi: 10.1016/j.dcn.2017.01.010
10. **Cohen, A.O.** and Casey, B.J. (2017). The Neurobiology of Adolescent Self Control. In T. Egner (Ed.) *The Wiley Handbook of Cognitive Control*.
9. Heller, A.S., **Cohen, A.O.**, Dreyfuss, M., and Casey, B.J. (2016). Changes in cortico-subcortical and subcortico-subcortical connectivity impact cognitive control to emotional cues across development. *Social Cognitive and Affective Neuroscience*, 11(12), 1910-1918.

8. **Cohen, A.O.**, Bonnie, R.J., Taylor-Thompson, K., and Casey, B.J. (2016). When does a juvenile become an adult? Implications for law and policy. *Temple Law Review*, 88, 769-943.
7. Gee\*, D.G., Fetho\*, R.N., Jing\*, D., Li\*, A., Glatt, C.E., Drysdale, A.T., **Cohen, A.O.**, Dellarco, D.V.<sup>+</sup>, Yang, R., Dale, A.M., Jernigan, T.L., Lee, F.S., Casey, B.J., and the PING Consortium. (2016). FAAH genotypic differences in frontolimbic circuitry and anxiety emerge during adolescence in human and mouse. *Proceedings of the National Academy of Sciences of the United States of America*, 113(16), 4500 – 4505. doi: 10.1073/pnas.1600013113
6. **Cohen, A.O.**, Breiner, K., Steinberg, L., Bonnie, R.J., Scott, E.S., Taylor-Thompson, K.A., Rudolph, M.D., Chein, J., Richeson, J.A., Heller, A.S., Silverman, M.R., Dellarco, D.V.<sup>+</sup>, Fair, D.A., Galvan, A., and Casey, B.J. (2016). When is an adolescent an adult? Assessing cognitive control in emotional and non-emotional contexts. *Psychological Science*, 27(4), 549 – 562. doi: 10.1177/0956797615627625
5. **Cohen, A.O.**, Dellarco, D.V.<sup>+</sup>, Breiner, K., Helion, C., Heller, A.S., Rahdar., A., Pedersen, G., Chein, J., Dyke, J.P., Galvan, A., and Casey, B.J. (2016). The impact of emotional states on cognitive control circuitry and function. *Journal of Cognitive Neuroscience*, 28(3), 446-459. doi: 10.1162/jocn\_a\_00906
4. **Cohen, A.O.** and Casey, B.J. (2014). Rewiring juvenile justice: the intersection of developmental neuroscience and legal policy. *Trends in Cognitive Sciences*, 18(2), 63 – 65. doi: 10.1016/j.tics.2013.11.002
3. Dreyfuss, M., Caudle, K., Drysdale, A.T., Johnston, N.E., **Cohen, A.O.**, Somerville, S.H., Galvan, A., Tottenham, N., Hare, T.A., and Casey, B.J. (2014). Teens impulsively react rather than retreat from threat. *Developmental Neuroscience*, 36(3-4), 220 – 7. doi: 10.1159/000357755
2. Harris, L.T., Lee, V.K., Capestany, B.H., and **Cohen, A.O.** (2014). Assigning economic value to people results in dehumanization brain response. *Journal of Neuroscience, Psychology, and Economics*, 7(3), 151 – 63.
1. Kim, K.Y., Stevens, M.V., Akter, M.H., Rusk, S.E., Huang, R.J., **Cohen, A.**, Noguchi, A., Springer, D., Bocharov, A.V., Eggerman, T.L., Suen, D., Youle, R.J., Amar, M., Remaley, A.T., and Sack, M.N. (2011). Parkin is a lipid-responsive regulator of fat uptake in mice and mutant human cells. *Journal of Clinical Investigation*, 121(9), 3701-12. doi: 10.1172/JCI44736

## INVITED TALKS

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- 2025 Developmental Workshop, Rutgers—New Brunswick (Virtual)
- 2024 Motivated Cognition Meetings Seminar (Virtual)
- 2024 Early Career Researchers Symposium at the Association for Psychological Science Annual Convention, San Francisco, CA
- 2024 Innovators in Cognitive Neuroscience Seminar (Virtual)
- 2024 Shenhav Lab, Brown University (Virtual)
- 2022 Neuroscience Collaborative Fall Colloquium Series, CUNY Graduate Center (Virtual)
- 2022 Neuroscience Institute Fall Seminar Series, Georgia State University, Atlanta, GA
- 2022 Cognition Workshop, University of Chicago (Virtual)
- 2022 NeurolabNL Symposium Keynote, Leiden, Netherlands (Virtual)
- 2021 Institute of Child Development Colloquium, University of Minnesota (Virtual)
- 2021 Clinical fMRI and Diffusion Tractography Continuing Medical Education, New York, NY
- 2021 Biology Virtual Seminar Series, University of North Carolina at Pembroke (Virtual)

2020 Learning & Brain Development Lab, Northeastern University (Virtual)  
 2020 Learning Lab Developmental Journal Club, Columbia University (Virtual)  
 2019 Clinical fMRI and Diffusion Tractography Continuing Medical Education, New York, NY  
 2019 Psychology Seminar Series, Temple University, Philadelphia, PA  
 2019 Sackler Seminar Series, Weill Cornell Medicine, New York, NY  
 2019 Philadelphia District Attorney's Office Continuing Legal Education, Philadelphia, PA (co-presenter)  
 2019 Manhattan Area Memory Meeting, Princeton University, Princeton, NJ  
 2018 Psychology Brownbag Series, Rutgers University-Camden, Camden, NJ  
 2018 New York State Unified Court System Continuing Legal Education, New York, NY  
 2018 Judicial Summer Seminar Series, Rye Brook, NY  
 2017 Crossroads Juvenile Center, Brooklyn, NY  
 2017 Fundamental of Adolescent Brain & Holmes Labs joint lab meeting, Yale University, New Haven, CT  
 2016 Stanford Memory Lab, Stanford University, Stanford, CA  
 2016 NeuroLaw Symposium at FLUX Congress annual meeting, St. Louis, MO  
 2016 MacArthur Law & Neuroscience Network Meeting, San Diego, CA  
 2016 Progress in Neuroscience Seminars, Weill Cornell, New York NY  
 2015 Workshop presentation at American Association for the Advancement of Science annual meeting, San Jose, CA

#### CONFERENCE PRESENTATIONS (selected)

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(\*Mentee co-author)

Martin, S.<sup>+</sup>, Devarayapuram Ramakrishnan, S.<sup>+</sup>, & **Cohen, A. O.** (2024). Investigating the Neural Mechanisms Underlying Positive Autobiographical Memory Retrieval Across Adolescence. Poster presented at the Social and Affective Neuroscience Society (SANS) Conference, Toronto, Canada.

Kumar, R.<sup>+</sup>, McClay, M., Clewett, D., **Cohen, A. O.** (2024). The impact of emotion prediction errors on episodic memory. Poster presentation given at the annual Social and Affective Neuroscience Society Conference, Toronto, Canada.

Oshins, K.<sup>+</sup>, Martin, S.<sup>+</sup>, Saucedo, M.<sup>+</sup>, **Cohen, A. O.** (2024). Influences of positive reinforcement on learned threat associations across development. Poster presentation given at the annual Social and Affective Neuroscience Society Conference, Toronto, Canada.

Devarayapuram Ramakrishnan, S.<sup>+</sup>, Wang, V.<sup>+</sup>, Yang, V.<sup>+</sup>, Patel, V.<sup>+</sup>, & **Cohen, A. O.** (2024). The emotional qualities of intergenerational memory transmission. Poster presentation given at the annual Social and Affective Neuroscience Society Conference, Toronto, Canada.

Holsinger, B. E.<sup>+</sup>, Fani, N., & **Cohen, A. O.** (2024). Exploring the Role of Emotion Processing in Face Memory in Dissociation. Poster presentation given at the Society of Clinical Psychology (Division 12), Atlanta, GA.

Devarayapuram Ramakrishnan, S.<sup>+</sup>, Wang, V.<sup>+</sup>, Patel, V.<sup>+</sup>, & **Cohen, A. O.** (2023). Intergenerational transmission of emotional memories in parent-teen dyads. Poster presentation given at the annual Flux Society Congress, Santa Rosa, CA.

**Cohen, A.O.**, Phaneuf, C.V.<sup>+</sup>, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2023). Influences of reward on neural memory mechanisms and representations across development. Symposium talk at The International Conference on Learning and Memory, Huntington Beach, CA.

**Cohen, A.O.**, Phaneuf, C.V.<sup>+</sup>, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2022). Influences of reward on neural memory mechanisms and representations across development. Nanosymposium talk at Society for Neuroscience annual meeting, San Diego, CA.

**Cohen, A.O.**, Phaneuf, C.V.<sup>+</sup>, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2022). Influences of reward on neural memory representations across development. Poster presentation at Cognitive Neuroscience Society annual meeting, San Francisco, CA.

**Cohen, A.O.**, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Phaneuf, C.V.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2021). Reward-motivated memory processes and their underlying neural mechanisms change with age. Data blitz at the UCI CNLM Spring Conference, Virtual.

**Cohen, A.O.**, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Phaneuf, C.V.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2021). Reward-motivated memory processes and their underlying neural mechanisms change with age. Flash talk at the Association for Psychological Science annual meeting, Virtual.

Phaneuf, C.V.<sup>+</sup>, **Cohen, A.O.**, Glover, M.M.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Shen, X.<sup>+</sup>, & Hartley, C.A. (2020). The Influence of reward-motivated memories on learning across development. Poster presentation at FLUX Congress annual meeting, Virtual.

**Cohen, A.O.**, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Phaneuf, C.V.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2020). Influences of reward motivation on behavioral and neural memory processes across age. Poster presentation at FLUX Congress annual meeting, Virtual.

**Cohen, A.O.**, Glover, M.M.<sup>+</sup>, Shen, X.<sup>+</sup>, Avallone, K.N.<sup>+</sup>, Phaneuf, C.V.<sup>+</sup>, Davachi, L., & Hartley, C.A. (2020). Influences of reward motivation on behavioral and neural memory processes across age. Oral presentation at Context and Episodic Memory Symposium annual meeting, Virtual.

**Cohen, A.O.\***, Nussenbaum, K.\*, Dorfman, H., Shen, X.<sup>+</sup>, Sardar, H.<sup>+</sup>, Valencia, D., Glover, M.<sup>+</sup>, Gershman, S.J., & Hartley, C.A. (2019). Developmental change in the influence of causal judgments on reinforcement learning. Poster presentation at FLUX Congress annual meeting, New York, NY.

Saragosa-Harris, N.M.<sup>+</sup>, **Cohen, A.O.**, Shen, X.<sup>+</sup>, & Hartley, C.A. (2019). Mapping the persistence of memory in three- to five-year-olds. Poster presentation at FLUX Congress annual meeting, New York, NY.

Nussenbaum K.\* , **Cohen A.O.\***, Dorfman, H., Glover, M.<sup>+</sup>, Valencia, D., Shen, X.<sup>+</sup>, Gershman, S.J., & Hartley, C.A. (2019). Developmental change in the use of causal inference to guide reinforcement learning. Poster presentation at the Reinforcement Learning and Decision Making annual meeting, Montreal, Canada.

**Cohen, A.O.\***, Nussenbaum, K.\* , Dorfman, H., Shen, X.<sup>+</sup>, Sardar, H.<sup>+</sup>, Valencia, D., Glover, M.<sup>+</sup>, Gershman, S.J., & Hartley, C.A. (2019, May). Age-related change in the effects of causal judgments on learning from reinforcement. Poster presentation at the Social & Affective Neuroscience Society annual meeting, Miami, FL.

**Cohen, A.O.**, Matese, N.G.<sup>+</sup>, Filimontseva, A.<sup>+</sup>, Shen, X.<sup>+</sup>, & Hartley, C.A. (2019, March). *Aversive learning strengthens episodic memory in adolescents & adults*. Oral presentation at the International Convention of Psychological Science, Paris, France.

**Cohen, A.O.**, Matese, N.G.<sup>+</sup>, Filimontseva, A.<sup>+</sup>, Shen, X.<sup>+</sup>, & Hartley, C.A. (2018, November). *Aversive learning strengthens episodic memory in adolescents & adults*. Poster presentation at Society for Neuroscience annual meeting, San Diego, CA.

**Cohen, A.O.**, Matese, N.G.<sup>+</sup>, Filimontseva, A.<sup>+</sup>, Shen, X.<sup>+</sup>, & Hartley, C.A. (2018, August). *Aversive learning strengthens episodic memory in adolescents & adults*. Poster presentation at FLUX Congress annual meeting, Berlin, Germany.

Saragosa-Harris, N.M.<sup>+</sup>, Reneau, T.R., Villano, W.J., **Cohen, A.O.**, Heller, A.S., & Hartley, C.A. (2018, May). *Real-world exploration is associated with greater positive affect in adolescents and adults*. Poster presented at the Social and Affective Neuroscience Society, New York, NY.

**Cohen, A.O.**, Matese, N.G.<sup>+</sup>, Filimontseva, A.<sup>+</sup>, & Hartley, C.A. (2018, April). *Pavlovian category conditioning across adolescent humans*. Oral presentation at The International Conference on Learning and Memory, Huntington Beach, CA.

**Cohen, A.O.**, Sardar, H.<sup>+</sup>, Matese, N.G.<sup>+</sup>, Potter, T.C.S., & Hartley, C.A. (2017, August). *Appetitive conditioning and extinction across adolescence*. Poster presentation at the Gordon Research Conference on Amygdala Function in Emotion, Cognition & Disease biennial meeting, North Easton, MA.

**Cohen, A.O.**, Conley, M.I.<sup>+</sup>, Cannonier, T., Williams, M.D., Dellarco, D.V.<sup>+</sup>, and Casey, B.J. (2017, March). *The impact of emotional cues on short-term and long-term memory during adolescence*. Poster presentation at Social and Affective Neuroscience Society annual meeting, Los Angeles, CA.

**Cohen, A.O.**, Dellarco, D.V.<sup>+</sup>, Conley, M.I.<sup>+</sup>, and Casey, B.J. (2016, November). *The impact of emotional cues on short-term and long-term memory during adolescence*. Poster presentation at Society for Neuroscience annual meeting, San Diego, CA.

**Cohen, A.O.**, Breiner, K., Dellarco, D.<sup>+</sup>, Heller, A.S., Pedersen, G., Rudolph, M., Bonnie, R., Taylor-Thompson, K., Scott, E.S., Steinberg, L., Chein, J., Fair, D.A., Galván, A., and Casey, B.J. (2015, October). *When does an adolescent become an adult: The influence of emotion on the development of cognitive control*. Poster presentation at Society for Neuroscience annual meeting, Chicago, IL.

**Cohen, A.O.**, DiNapoli, S., Abdullah, A., Waters, E.M. (2015, October). *Engaging New York City Elementary School Students in Hands On Learning about the Brain during Classroom Visits for Brain Awareness Week*. Poster presentation at Society for Neuroscience annual meeting, Chicago, IL.

**Cohen, A.O.**, Breiner, K., Dellarco, D.<sup>+</sup>, Heller, A.S., Pedersen, G., Rudolph, M., Bonnie, R., Taylor-Thompson, K., Scott, E.S., Steinberg, L., Chein, J., Fair, D.A., Galván, A., and Casey, B.J. (2015, September). *When does an adolescent become an adult: The influence of emotion on the development of cognitive control*. Poster presentation at FLUX Congress annual meeting, Leiden, Netherlands.

**Cohen, A.O.**, Breiner, K., Dellarco, D.<sup>+</sup>, Pedersen, G., Heller, A.S., Rudolph, M., Bonnie, R., Taylor-Thompson, K., Scott, E.S., Steinberg, L., Fair, D.A., Galván, A., and Casey, B.J. (2015, April). *Young adults react more like adolescents than older adults under transient and sustained states of emotion*. Poster presentation at Social and Affective Neuroscience Society annual meeting, Boston, MA.

## TEACHING

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Fall 2024      Course Co-Instructor, Memory, Emotion & Social Cognition, and Thinking (PSYC 555; Graduate Seminar)  
**Emory University**, Atlanta, GA



Fall 2022, 2023, 2024	Course Instructor, Brain & Behavior (PSYC 207; Undergraduate Survey Course) <b>Emory University</b> , Atlanta, GA
Spring 2024	Course Instructor, Cognitive Science & Society (PSYC770R; Graduate Seminar) <b>Emory University</b> , Atlanta, GA
Nov 2023	Guest Lecturer, Developmental Theory & Methods, <i>The Adolescent Brain</i> <b>Emory University</b> , Atlanta, GA
May 2020, Nov 2022 (virtual)	Guest Lecturer, Psychological Science and Society, <i>From research to practice: criminal justice</i> <b>New York University</b> , New York, NY
March 2021, 2022	Guest Lecturer, Behavioral and Cognitive Neuroscience, <i>Human Affective Neuroscience</i> <b>New York University</b> , New York, NY
Mar 2018, 2020 (virtual)	Guest Lecturer, Special Topics in Neural Science, <i>The Emotional Brain</i> <b>New York University</b> , New York, NY
Nov 2020 (virtual)	Guest Lecturer, Psych 124C: Human Memory, <i>Memory across development</i> <b>University of California, Los Angeles</b> , Los Angeles, CA
Aug 2018 – Aug 2019	Neuroscience Mentor, BrainWaves: An EEG-based neuroscience curriculum and teacher training program for high schools <b>New York University</b> , New York, NY
Sept 2017 – Dec 2017	Adjunct Instructor & Guest Lecturer, College Core Curriculum, Brain & Behavior <b>New York University</b> , New York, NY
Sept 2013 – Mar 2015	Teacher Assistant, From Neuron to Brain <b>Weill Cornell Graduate School of Medical Sciences</b> , New York, NY
Jan 2010 – May 2012	Math Laboratory Teacher Assistant, Laboratory Calculus I & II <b>Duke University</b> , Durham, NC

#### **OUTREACH & PUBLIC ENGAGEMENT (selected)**

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March 2023, March 2024	Exhibits by LUMeN Lab <b>Atlanta Science Festival</b>
Sept 2022	Speaker & panelist, <i>FluxOutreach</i> <b>Flux Society</b>
May 2017 – July 2022	Member, Project Leader Responsibilities included: lead team to create “knowledge briefs” of science related to specific topics ( <u>Raise the Age NY</u> , <u>Miranda Rights</u> ) for partner organizations <b>Scientist Action and Advocacy Network (ScAAN)</b> , New York, NY
Jan 2017 –	Events Director

April 2022	<p>Co-Founder and Organizer, BraiNY Bunch Virtual Journal Club</p> <p>Co-Chair, Brain Awareness Week (BAW) 2017-2020</p> <p>Responsibilities included: Point of contact for event coordinators and partner organizations/sites (20+ events/BAW) throughout NYC; Oversee volunteer recruitment (100+ volunteers), volunteer assignments, social media communication, website listings, and more</p> <p><b>braiNY, the Greater NYC Chapter of the Society for Neuroscience</b>, New York, NY</p>
March 2021	<p>Guest speaker, <i>A Developmentally-Informed Approach to Youth Justice</i></p> <p><b>Baltimore Under Ground Science Space</b>, Baltimore, MD</p>
Aug 2020, July 2021	<p>Moderator and Event Organizer: <i>What I wish I had known about doing a PhD</i></p> <p><b><i>Growing up in Science Online Events</i></b></p> <p><a href="http://www.cns.nyu.edu/events/growingupinscience/">http://www.cns.nyu.edu/events/growingupinscience/</a></p>
Apr 2020	<p>Opinion: Want to Ease the Isolation of Social Distancing? Ask a Teenager</p> <p><b><i>Scientific American</i></b></p> <p><a href="https://blogs.scientificamerican.com/observations/want-to-ease-the-isolation-of-social-distancing-ask-a-teenager/">https://blogs.scientificamerican.com/observations/want-to-ease-the-isolation-of-social-distancing-ask-a-teenager/</a></p>
Mar 2020	<p>Article: Adolescent learning: rewards, punishments, and the importance of context</p> <p><b><i>BOLD Blog (Blog On Learning and Development)</i></b></p> <p><a href="https://bold.expert/adolescent-learning-rewards-punishments-and-the-importance-of-context/">https://bold.expert/adolescent-learning-rewards-punishments-and-the-importance-of-context/</a></p>
Mar 2019	<p>Panelist, <i>Our Brain on A.I.</i></p> <p><b>The Cooper Union</b>, New York, NY</p>
Nov 2018	<p>Article: Equation Invasion! How Math can Explain How the Brain Learns</p> <p><b><i>Frontiers for Young Minds</i></b>, <a href="https://kids.frontiersin.org/article/10.3389/frym.2018.00065">https://kids.frontiersin.org/article/10.3389/frym.2018.00065</a></p>
June 2018	<p>Neuroscientist's Apprentice Event Leader</p> <p><b>World Science Festival 2018</b>, New York, NY</p>
April 2018	<p>Panelist, Rutgers STEAM Careers in S.T.E.A.M Panel</p> <p><b>Rutgers University</b>, New Brunswick, NJ</p>
Oct 2017	<p>Guest Speaker</p> <p><b>World Science Festival Mini Brain Fair</b>, New York, NY</p>
May 2017	<p>Keynote Speaker</p> <p><b>Students Modelling A Research Topic (SMART) Symposium</b>, New York NY</p>
Sept 2013 – May 2016	<p>Co-Founder &amp; Outreach Chair, Tri-Institutional Outreach Committee</p> <p>Initiatives include: Creation of Tri-I Volunteer Network, Mentorship program with New York Hall of Science, Children's Health Council Family Science Day, Brain Awareness Activities, Science Days, and more</p> <p><b>Weill Cornell- Sloan Kettering- Rockefeller</b>, New York, NY</p>
Jan 2009 – May 2012	<p>Volunteer, Females Excelling More in Math, Engineering, and Science</p> <p><b>Duke University</b>, Durham, NC</p>

## MENTORING & ADVISING

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### Emory University

Postdoctoral Scholars:	Tejas Savalia (2024-present)
Graduate Students:	Rohini Kumar (2023-present)
Graduate Research Assistants:	Anirudh Pillala (2024-present), Vishva Patel (2022-2023)
Post-Baccalaureate Research Assistants:	Ritz Liu (2024-present), Sophia Martin (2023-present), Sagarika Devarayapuram Ramakrishnan (2022-present)
Undergraduate Research Assistants:	Grace Yin (2025-present), Nick Hardin (2025-present), Coco Sandoval (2025-present), Pearce Bernstone (2024-present), Alya Khoury (2024-present), Yonah Temlock (2024-present), Anny Huang (2024-present), Michelle Saucedo (2024-present), John Wang (2023-present), Katie Oshins (2022-present), Vivian Yang (2023-2024), Vanessa Wang (2023-2024), Brooke Holsinger (2022-2024)
Undergraduate Honors Thesis Committee:	
<i>Psychology:</i>	Katie Oshins (2024-2025), Ella Akridge (2024-2025), Brooke Holsinger (2023-2024)
<i>Neuroscience:</i>	Alexa Kondas (2024-2025), Lyndsey Lipson (2023-2024)
Dissertation Committees:	Linying Li (2025-present), Katherine Soderberg (2025-present), Natalia Jaume-Feliciosi (2024-present), Ryno Kruger (2023-present), Nia Barbee (2023-present), Susie Shepardson (2023-2024)
Faculty Advisory Committees:	Nan Jiang (2025-present), Natalya Slepneva (2024-present), Constance Wilson (2024-present), Shania Terry (2023-present), Lesenia Fish (2023-present), Colette Delawalla (2022-present), Marta Migo (2022-2024)
External Committees:	David Johnson (2022-present, USC Neuroscience Graduate Program Guidance Committee, PI: Elizabeth Sowell)

### New York University

Masters Students:	Nicholas Matese, Karen Shen, Morgan Glover, Jimmy Wyngaarden
Post-Baccalaureate Research Assistant:	Betsy Deza, Natalie Saragosa-Harris, Camille Phaneuf
Undergraduate Honors Students:	Allison Neeson, Haniyyah Sardar, Kristen Avallone
Undergraduate Research Assistant:	Asia Filimontseva

### Weill Cornell Medicine

Post-Baccalaureate Research Assistants:	Danielle Dellarco, May Conley, Melanie Silverman
Rotating Graduate Students:	Charlotte Bavley, Hillary Raab
Undergraduate Research Assistant:	Camille Gregory

## TRAINEE-RELATED AWARDS & FUNDING

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Psi Chi Undergraduate Research Grant (\$1500; 2025) to Katie Oshins (Undergraduate)  
Emory Undergraduate Research Program Conference Grant (\$750; 2025) to Katie Oshins (Undergraduate)  
Emory Independent Research Grant (\$1000; 2024) to Katie Oshins (Undergraduate)  
Phi Beta Kappa Faculty or Staff of Greatest Influence (2024)  
NIMH Summer Internship Program (2024) to Katie Oshins (Undergraduate)  
Society of Clinical Psychology (Division 12) Poster Award (2024) to Brooke Holsinger (Undergraduate)

Emory George W. Woodruff Fellowship (2023-2028) to Rohini Kumar (Graduate Student)  
Emory Summer Undergraduate Research Experience (2023) to Katie Oshins (Undergraduate)  
Department of Defense NDSEG Fellowship (2021) to Camille Phaneuf (Post-Baccalaureate RA)  
National Science Foundation GRFP Fellowship (2021; Declined) to Camille Phaneuf (Post-Baccalaureate RA)  
NYU Dean's Undergraduate Research Fund Grant (2019) to Kristen Avallone (Undergraduate)  
NYU Dean's Undergraduate Research Fund Grant (2018) to Haniyyah Sardar (Undergraduate)

## **SPECIALIZED TRAINING COURSES & WORKSHOPS**

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2023 Faculty Success Program, Virtual  
2022 Atlanta Society of Mentors (ASOM) Mentor Training Workshop series, Virtual  
2020 NYU Science Policy & Advocacy Course, Virtual  
2020 NYU Advanced Science Communication Workshop, New York, NY  
2019 Computational Psychiatry Summer Course, New York, NY  
2019 FSL Course, Split, Croatia  
2019 Computational Social and Affective Neuroscience Preconference, Miami Beach, FL  
2018 Neurohackademy, University of Washington eScience Institute, Seattle, WA  
2018 Human Connectome Project Course, University of Oxford  
2018 SOBP Computational Psychiatry Satellite: Reinforcement Learning  
2018 Software Carpentry Workshop (Unix Shell, Python, Git, SQL), NYU  
2017 Reproducible Neuroimaging Training Workshop, Society for Neuroscience, Washington, DC  
2017 At the Boundary of Adolescence and Young Adulthood: The Next Generation of Criminal Justice Reform, Washington, DC  
2017 Tools of the Trade Workshop: Human Neuroimaging Methods and Best Practices, UCLA  
2015 NIMH Summer Institute in Cognitive Neuroscience Fellowship, UCSB

## **PROFESSIONAL SERVICE AND ACTIVITIES**

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### Ad Hoc Reviewing:

*Behavioral Neuroscience, Cerebral Cortex, Child Development, Cognition, Developmental Psychology, Developmental Science, Frontiers in Human Neuroscience, Journal of Affective Disorders, Journal of Experimental Child Psychology, Journal of Experimental Psychology: General, Journal of Neuroscience, Journal of Research on Adolescence, Nature Communications, NeuroImage, Neuropsychologia, Neuroscience & Biobehavioral Reviews, Neuroscience Letters, Proceedings of the National Academy of Sciences, Scientific Reports, Social Cognitive and Affective Neuroscience*

### Grant/Fellowship/Award Reviewing:

National Institutes of Health, Learning Memory and Decision Neuroscience (LMDN) study section (2023)  
NSF Cognitive Neuroscience FY 2024 Review Panel (2023)

### Special Issue Co-Editor:

*Developmental Cognitive Neuroscience* (2022)

### Professional Committees:

Planning Committee of the Barton Center Youth Justice Convening (2023-present)  
Flux Society Program Committee (2021)  
Flux Society Trainee Committee (2018-2020)

### Leadership:

Flux Society "Computational Modeling in Development" Workshop co-organizer (2021)

Co-Director of The Mortimer D. Sackler, M.D. Summer Institute, Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College (2016)  
Sackler Seminar Series Coordinator, Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College (2014-2015)

Emory Psychology Department Service:  
Co-Organizer, Growing Up in Science (2024-present)  
Member, Curriculum Committee (2024-present)  
Organizer, Psychology Research Festival (2024)  
Member, Graduate Recruitment Committee (2023-2024)  
Member, Colloquium Committee (2023-2024)

Emory College of Arts & Sciences Service:  
Member, Laney Graduate School Grievance Committee (2025)  
Member, Search Committee for “Neural Mechanisms of Behavior in Small Animal Systems” faculty search (2024-present)

Emory Laney Graduate School Service:  
Faculty Advisor, Graduate Students in Psychology and Neuroscience (GSPN; 2024-present)

## **PROFESSIONAL MEMBERSHIPS**

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American Psychological Association  
Association for Psychological Science  
Cognitive Neuroscience Society  
Flux: The Society for Developmental Cognitive Neuroscience  
International Society for Developmental Psychobiology  
Memory Disorders Research Society  
Social and Affective Neuroscience Society  
Society for Neuroscience