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Academic Appointments

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| 2022-Present | Grafstein Family Professor (Endowed) |
| 2021-2026 | Harvard College Professor (Term endowed position) |
| 2019-2022 | Professor |
| 2016-2019 | Associate Professor |
| 2012-2016 | Assistant Professor |
| | Department of Psychology |
| | Core Faculty, Center for Brain Science |
| | Harvard University |
| | Cambridge, MA |

Education & Training

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| 2008-2012 | Postdoctoral Fellow, Developmental Cognitive Neuroscience Sackler Institute for Developmental Psychobiology Weill Cornell Medical College New York, NY |
| 2003-2008 | PhD, Psychology Dartmouth College Hanover, NH |
| 1997-2001 | Bachelor of Science summa cum laude, Psychology University of Wisconsin Madison, WI |

Research Interests

Adolescent brain and psychological development
Development of strategic goal-directed behaviors (e.g., learning, decision making, self-control)
Socioemotional development
Mechanisms of emerging risk for mental illness during adolescence

Honors & Awards

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| 2022 | Troland Award National Academy of Sciences |
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| 2020 | Favorite Professor of Class of 2020 Harvard College |
| 2018 | Young Investigator Award Flux, the International Society for Developmental Cognitive Neuroscience |
| 2018 | Early Career Award Social & Affective Neuroscience Society |
| 2018 | Robert L. Fantz Memorial Award for Young Psychologists American Psychological Association |
| 2018, 2013 | Certificate of Distinction, Star Family Prizes for Excellence in Advising Harvard College |
| 2017 | Young Investigator Award Cognitive Neuroscience Society |
| 2016 | Everett Mendelsohn Excellence in Mentoring Award Harvard University Graduate School of Arts & Sciences |
| 2014 | F.J. McGuigan Early Career Investigator Research Prize on Understanding the Human Mind American Psychological Association |
| 2014 | Fellow Association for Psychological Science |
| 2014 | Janet Taylor Spence Award for Transformative Early Career Contributions Association for Psychological Science |
| 2013 | Rising Star Award Association for Psychological Science |
| 2011 | Samuel W. Perry III, MD Distinguished Award in Psychiatric Medicine Weill Cornell Medical College |
| 2010 | Conference Travel Award Organization for Human Brain Mapping |
| 2010 | Career Development Award Anxiety Disorders Association of America |
| 2008 | Summer Institute in Cognitive Neuroscience Fellowship (Lake Tahoe, CA) |
| 2008 | Hannah Croasdale Graduate Scholar Award (college-wide dissertation award) Dartmouth College |
| 2007 | Summer Institute in Cognitive Neuroscience Fellowship (Santa Barbara, CA) |
| 2001 | Phi Beta Kappa |

Publications (downloadable at <http://andl.wjh.harvard.edu>)

Trainee co-author * Equal author contribution

2022 & in press

1. Powers K.E.^{#*}, Schaefer L.^{#*}, Figner B., & Somerville L.H. (in press). Effects of peer observation on risky decision making in adolescence: A meta-analytic review. *Psychological Bulletin*.

2. Rodman A.M.[#], Powers K.E.[#], Kastman E.K.[#], Kabotyanski K.E.[#], Stark A.M.[#], Mair P., & Somerville L.H. (2022). Physical effort exertion for peer feedback reveals evolving social motivations from adolescence to young adulthood. *Psychological Science, advanced online publication*.
3. Sanders A.F.P., Baum G.L.[#], Bookheimer S.Y., Dapretto M., Harms M.P., Kandala S., Somerville L.H., Thomas K.M., Yacoub E., Van Essen D.C., & Barch D.M. (in press). Developmental trajectories of cortical thickness by functional brain network: The roles of sex, puberty, and socioeconomic status. *Developmental Cognitive Neuroscience*.
4. Baum G.L.[#], Flounoy J.C.[#], Glasser M.F., Harms M.P., Mair P., Sanders A., Barch D.M., Buckner R.L., Bookheimer S., Dapretto M., Smith S., Thomas K.M., Yacoub E., Van Essen D., & Somerville L.H. (2022). Graded variation in cortical T1w/T2w during adolescence: Measurement, caveats, and implications for development of myelination. *Journal of Neuroscience, 42*(29), 5681-5694.
5. Casey B.J., Simmons C., Somerville L.H., & Baskin-Sommers, A. (2022). Making the sentencing case: Psychological and neuroscientific evidence for expanding the age of youthful offenders. *Annual Review of Criminology, 5*, 321-343.
6. Grisanzio K.A.[#], Flounoy J.C.[#], Mair P., & Somerville L.H. (2022). Shifting qualities of negative affective experience through adolescence: Age-related change and associations with functional outcomes. *Emotion, advanced online publication*.
7. Nook E.C.[#], Hull T.D., Nock M.K., & Somerville L.H. (2022). Linguistic measures of psychological distance track symptom levels and treatment outcomes in a large set of psychotherapy transcripts. *Proceedings of the National Academy of Sciences, 119*(13), e2114737119.
8. Schwab J.F.[#] & Somerville L.H. (2022). Raising the stakes for online learning: Monetary incentives increase performance in an online learning task under certain conditions. *Frontiers in Psychology, 13*, 780301.

2021

9. Braams B.[#], Davidow J.Y.[#], & Somerville L.H. (2021). Information about others' choices selectively alters risk tolerance and medial prefrontal cortex activation across adolescence and young adulthood. *Developmental Cognitive Neuroscience, 52*, 101039.
10. Jenness J., Lambert H.K., Bitran D., Blossom J., Nook E.C.[#], Sasse S.F.[#], Somerville L.H., & McLaughlin K.M. (2021). Developmental variation in the associations of attention bias to emotion with internalizing and externalizing psychopathology. *Research on Child and Adolescent Psychopathology, 49*, 711-726.
11. Kabotyanski K.E.[#] & Somerville L.H. (2021). Puberty: Your brain on hormones. *Frontiers for Young Minds, 9*, 554380.
12. Meyer K.N., Davidow J.Y.[#], Van Dijk K.R.A., Santillana R.M., Snyder J., Vidal Bustamante C.M.[#], Hollinshead M., Buckner R.L., Rosen B.R., Somerville L.H., & Sheridan M.A. (2021). History of conditioned reward association disrupts inhibitory control: An examination of neural regions associated with inhibitory control over rewarded stimuli. *NeuroImage, 227*, 117629.
13. Rodman A.[#], Powers K.E.[#], Insel C.[#], Kastman E.K.[#], Stark A.[#], Kabotyanski K.E.[#], & Somerville L.H. (2021). How adolescents and adults translate value to action: Age-related shifts in strategic physical effort exertion for monetary rewards. *Journal of Experimental Psychology: General, 150*(1), 103-113.

2020

14. Grisanzio K.A.*#, Sasse S.F.*#, Nook E.C.#, Lambert H.K., McLaughlin K.A., & Somerville L.H. (2020). Voluntary pursuit of negatively valenced stimuli from childhood to early adulthood. *Developmental Science*, 24(2), e13012.
15. Nook E.C.*#, Vidal Bustamante C.M.*#, Cho H.Y.#, & Somerville L.H. (2020). Use of linguistic distancing and cognitive reappraisal strategies during emotion regulation in children, adolescents, and young adults. *Emotion*, 20(4), 525-540.
16. Rodriguez-Thompson A.M., Meyer K.M., Davidow J.Y.#, Van Dijk K.R.A., Santillana R.M., Snyder J., Vidal Bustamante C.M.#, Hollinshead M.O., Rosen B.R., Somerville L.H., & Sheridan M.A. (2020). Examining cognitive control and reward interactions in adolescent externalizing symptoms. *Developmental Cognitive Neuroscience*, 45, 100813.
17. Shermohammed M.#, Kordyban L.E.#, & Somerville L.H. (2020). Examining the causal effects of sleep deprivation on emotion regulation and its neural mechanisms. *Journal of Cognitive Neuroscience*, 32(7), 1289-1300.
18. Silless, V., Davidow, J. Y., Nielsen, J., Fan, Q., Hedden, T., Hollinshead, M., Beam, E., Vidal Bustamante, C. M., Garrad, M. C., Santillana, R., Smith, E. E., Hamadeh, A., Snyder, J., Drews, M. K., Van Dijk, K. R. A., Sheridan, M.A., Somerville, L. H., & Yendiki, A. (2020). Registration-free analysis of diffusion MRI tractography data across subjects through the human lifespan. *NeuroImage*, 116703.
19. Weissman D.G., Nook E.C.#, Dews A.#, Miller A.B., Nook E.C.#, Lambert H.K., Sasse S.F.#, Somerville L.H., & McLaughlin K.M. (2020). Low emotional awareness as a transdiagnostic mechanism underlying psychopathology in adolescence. *Clinical Psychological Science*, 8(6), 971-988.

2019

20. Bookheimer S.Y., Salat D.H., Terpstra M., Ances B.M., Barch D.M., Buckner R.L., Burgess G.C., Curtiss S.W., Diaz-Santos M., Elam J.S., Fischl B., Greve D.N., Hagy H.A., Harms M.P., Hatch O., Hedden T., Hodge C., Japardi K., Kuhn T., Ly T., Smith S.M., Somerville L.H., Ugurbil K., van der Kouwe A., Van Essen D.C., Woods R.P., & Yacoub E. (2019). The Human Connectome Project in Aging: An overview. *NeuroImage*, 185, 335-348.
21. Davidow J.Y.#, Sheridan M.A., Van Dijk K.R.A., Santillana R., Snyder J., Vidal Bustamante C.M.#, Rosen B.R., & Somerville L.H. (2019). Development of prefrontal cortical connectivity and the enduring effect of learned value on cognitive control. *Journal of Cognitive Neuroscience*, 31(1), 64-77.
22. Insel C.#, Charifson M.#, & Somerville L.H. (2019). Neurodevelopmental shifts in learned value transfer on cognitive control during adolescence. *Developmental Cognitive Neuroscience*, 40, 100730.
23. Insel C.*#, Glenn C.*#, Nock M., & Somerville L.H. (2019). Aberrant striatal tracking of reward magnitude in youth with current or past-year depression. *Journal of Abnormal Psychology*, 128(1), 44-56.
24. Kabotyanski K.E.*#, Mayer M.D.*#, Prater Fahey M.*#, & Somerville L.H. (2019). Building the developmental foundations of developmental computational psychiatry. *Journal of Child Psychology and Psychiatry*, 60(4), 427-429.
25. Nook E.C.#, Stavish C.M.#, Sasse S.F.#, Lambert H.K., Mair P., McLaughlin K.A., & Somerville L.H. (2019). Charting the development of emotion comprehension and abstraction using observer-rated and linguistic measures. *Emotion*, 20(5), 773-792.

26. Shermohammed M.[#], Davidow J.Y.[#], Somerville L.H., & Murty V. (2019). Stress impacts the fidelity but not strength of emotional memories. *Brain and Cognition*, 157, 48-60.
27. Somerville L.H., Haddara N.[#], Sasse S.F.[#], Skwara A.C.[#], Moran J.M., & Figner B. (2019). Dissecting "peer presence" and "decisions" to deepen understanding of peer influence on adolescent risky choice. *Child Development*, 90(6), 2086-2103.

2018

28. Ahmed S.P.[#], Somerville L.H.^{*}, & Sebastian C.L.^{*} (2018). Using temporal distancing to regulate emotion in adolescence: modulation by reactive aggression. *Cognition and Emotion*, 32(4), 812-826.
29. Braams B.R.[#], Davidow J.Y.[#], & Somerville L.H. (2018). Developmental patterns of change in the influence of safe and risky peer choices on risky decision making. *Developmental Science*, e12717.
30. Davidow J.Y.^{*#}, Insel C.^{*#}, & Somerville L.H. (2018). Adolescent development of value-guided goal pursuit. *Trends in Cognitive Sciences*, 22(8), 725-736.
31. Harms M.P.^{*}, Somerville L.H.^{*}, Ances B.M., Andersson J., Barch D.M., Bastiani M., Bookheimer S.Y., Brown T.T., Buckner R.L., Burgess G.C., Coalson T.S., Chappell M.A., Dapretto M., Douaud G., Fischl B., Glasser M.F., Greve D.N., Hodge C., Jamison K.W., Jbabdi S., Kandala S., Li X., Mair R.W., Mangia S., Marcus D., Mascali D., Moeller S., Nichols T.E., Robinson E.C., Salat D.H., Smith S.M., Sotiropoulos S.N., Terpstra M., Thomas K.M., Tisdall M.D., Ugurbil K., van der Kouwe A., Woods R.P., Zöllei L., Van Essen D.C., & Yacoub E. (2018). Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. *NeuroImage*, 183, 972-984.
32. Insel C.[#] & Somerville L.H. (2018). Asymmetric neural tracking of gain and loss magnitude during adolescence. *Social, Cognitive, and Affective Neuroscience*, 13(8), 785-796.
33. Lee N.C., Weeda W.D., Insel C.[#], Somerville L.H., Krabbendam L., & Huizinga M. (2018). Neural substrates of the influence of emotional cues on cognitive control in risk-taking adolescents. *Developmental Cognitive Neuroscience*, 31, 20-34.
34. Nook E.C.[#], Sasse S.F.[#], Lambert H.K., McLaughlin K.M., & Somerville L.H. (2018). The nonlinear development of emotion differentiation: Granular emotional experience is low in adolescence. *Psychological Science*, 29(8), 1346-1357.
35. Powers K.E.[#], Yaffe G., Hartley C.A., Davidow J.Y.[#], Kober H., & Somerville L.H. (2018). Consequences for peers differentially bias computations about risk from adolescence to adulthood. *Journal of Experimental Psychology: General*, 147(5), 671-682.
36. Somerville L.H., Bookheimer S.Y., Buckner R.L., Burgess G.C., Curtiss S.W., Dapretto M., Elam J.S., Gaffrey M.S., Harms M.P., Hodge C., Kandala S., Kastman E.K.[#], Nichols T.E., Schlaggar B.L., Smith S.M., Thomas K.M., Yacoub E., Van Essen D.C., & Barch D.M. (2018). The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5-21 year olds. *NeuroImage*, 183, 456-468.
37. Yoon L., Somerville L.H., & Kim H. (2018). Development of RMPFC function mediates shifts in self-protective behavior provoked by social feedback. *Nature Communications*, 9, 3086.

2017

38. Insel C.#, Kastman E.K.#, Glenn C.R.#, & Somerville L.H. (2017). Development of corticostriatal connectivity constrains goal directed behavior through adolescence. *Nature Communications*, 8, 1605.
39. Nook E.C.#, Sasse S.F.#, Lambert H.K., McLaughlin K.M., & Somerville L.H. (2017). Increasing verbal knowledge mediates the development of multidimensional emotion representations. *Nature Human Behaviour*, 1(12), 881-889.
40. Nook E.C.#, Schleider J.S., & Somerville L.H. (2017). A linguistic signature of spontaneous distancing in emotion regulation. *Journal of Experimental Psychology: General*, 146(3), 337-346.
41. Rodman A.M.#, Powers K.E.#, & Somerville L.H. (2017). The development of self-protective biases in the face of social evaluative feedback. *Proceedings of the National Academy of Sciences*, 114(50), 13158-13163.
42. Shermohammed M.S.#, Mehta P., Zhang J.#, Brandes C., Chang L.J., & Somerville L.H. (2017). Does psychosocial stress impact cognitive reappraisal? Behavioral and neural evidence. *Journal of Cognitive Neuroscience*, 29(11), 1803-1816.
43. Somerville L.H., Sasse S.F.#, Garrad M.C.#, Drysdale A.T., Abi Akar N.#, Insel C.#, & Wilson R.C. (2017). Charting the expansion of strategic exploratory behavior during adolescence. *Journal of Experimental Psychology: General*, 146(2), 155-164.

2016

44. Casey B.J., Galván A., & Somerville L.H. (2016). Beyond simple models of adolescence to an integrated circuit-based account. *Developmental Cognitive Neuroscience*, 17, 128-130.
45. Defoe I.N.#, Dubas J., Somerville L.H., Lugtig P., & van Aken M.A.G. (2016). The unique roles of intrapersonal and social factors in adolescent smoking development. *Developmental Psychology*, 52(12), 2044-2056.
46. Fan Q., Witzel T., Nummenmaa A., Van Dijk K.R.A., Van Horn J.D., Drews M.K., Somerville L.H., Sheridan M.A., Santillana R., Snyder J., Hedden T., Shaw E.E., Renvall V., Zanzonico R., Keil B., Cauley S., Polimeni J.R., Tisdall D., Buckner R.L., Wedeen V.J., Wald L.L., Toga A.W., & Rosen B.R. (2016). MGH-USC Human Connectome Project datasets with ultra-high b-value diffusion MRI. *NeuroImage*, 124(1), 1108-1114.
47. Powers K.E.#, Somerville L.H., Kelley, W.M., & Heatherton T.F. (2016). Striatal associative learning signals are tuned to in-groups. *Journal of Cognitive Neuroscience*, 28(9), 1243-1254.
48. Rasmussen J., Casey B.J., van Erp T.G.N., Tamm L., Epstein J.N., Buss C., Bjork J.M., Molina B.S.G., Velanova K., Mathalon D.H., Somerville L.H., Swanson J.M., Wigal T., Arnold L.E., & Potkin S. (2016). ADHD and cannabis use in young adults examined using fMRI of a Go/NoGo task. *Brain Imaging and Behavior*, 10, 761-771.
49. Somerville L.H. (2016). Searching for signatures of brain maturity: What are we searching for? *Neuron*, 92(6), 1164-1167.
50. Somerville L.H. (2016). Systems neuroscience: The balancing act of behavioral regulation. *Current Biology*, 26(20), R925-R926.
51. van den Bulk B.G.#, Somerville L.H., van Hoof M.-J., van Lang N.D.J., van der Wee, N.J.A., Crone E.A., & Vermeiren R.R.J.M. (2016). Amygdala habituation to emotional faces in adolescents with internalizing disorders,

adolescents with childhood sexual abuse related PTSD, and healthy adolescents. *Developmental Cognitive Neuroscience*, 21, 15-25.

2015

52. Hartley C.A. & Somerville L.H. (2015). The neuroscience of adolescent decision-making. *Current Opinion in Behavioral Sciences*, 5, 108-115.
53. McLaughlin K.A., Garrad M.C.#, & Somerville L.H. (2015). What develops during emotional development? A component process approach to identifying sources of psychopathology risk in adolescence. *Dialogues in Clinical Neuroscience*, 17, 403-410.
54. van Duijvenvoorde A.C.K., Huizenga H.M., Somerville L.H., Delgado M.R., Powers A., Weeda W. D., Casey B.J., Weber E.U., & Figner B. (2015). Neural correlates of expected risks and returns in risky choice across development. *Journal of Neuroscience*, 35(4), 1549-1560.

2014

55. Braver T.S., Krug M.K., Chiew K.S., Kool W., Westbrook J.A., Clement N.J., Adcock R.A., Barch D.M., Botvinick M.M., Carver C.S., Cools R., Custers R., Dickinson A., Dweck C.S., Fishbach A., Gollwitzer P.M., Hess T.M., Isaacowitz D.M., Mather M., Murayama K., Pessoa L., Samanez-Larkin G.R., & Somerville L.H. (2014). Mechanisms of motivation-cognition interaction: Challenges and opportunities. *Cognitive, Affective, and Behavioral Neuroscience*, 14, 443-472.
56. Dreyfuss M., Caudle K., Drysdale A.T., Johnston N.E., Cohen A.O., Somerville L.H., Galván A., Tottenham N., Hare T.A., & Casey B.J. (2014). Teens impulsively react rather than retreat from threat. *Developmental Neuroscience*, 36(3-4), 220-227.
57. Drysdale A.T., Hartley C.A., Pattwell S.S., Ruberry E.J., Somerville L.H., Compton S.N., Lee F.S., Casey B.J., & Walkup J.T. (2014). Fear and anxiety from principle to practice: Implications for when to treat youth with anxiety disorders. *Biological Psychiatry*, 75(11), e19-20.
58. Jones R.M., Somerville L.H., Li J., Ruberry E.J., Powers A., Mehta N.#, Dyke J., & Casey B.J. (2014). Adolescent-specific patterns of behavior and neural activity during social reinforcement learning. *Cognitive, Affective, and Behavioral Neuroscience*, 14, 683-697.
59. Somerville L.H., van den Bulk B.G.#, & Skwara A.C.# (2014). Response to: The triadic model perspective for the study of adolescent motivated behavior. *Brain and Cognition*, 89, 112-113.
60. Teslovich T., Mulder M., Franklin N. T., Ruberry E.J., Millner A., Somerville L.H., Simen P., Durston S., & Casey, B.J. (2014). Adolescents let sufficient evidence accumulate before making a decision when large incentives are at stake. *Developmental Science*, 17(1), 59-70.

2013

61. Powers K.E.#, Somerville L.H., Kelley W.M., & Heatherton T.F. (2013). Rejection sensitivity polarizes striatal-medial prefrontal activity when anticipating social feedback. *Journal of Cognitive Neuroscience*, 25(11), 1887-1995.
62. Somerville L.H. (2013). The teenage brain: Sensitivity to social evaluation. *Current Directions in Psychological Science*, 22(2), 129-135.
63. Somerville L.H., Jones R.M., Ruberry E.J., Dyke J.P., Glover, G., & Casey B.J. (2013). Medial prefrontal cortex and the emergence of self-conscious emotion in adolescence. *Psychological Science*, 24(8), 1554-1562.

64. Somerville L.H., Wagner D.D., Wig G.S., Moran J.M., Whalen P.J., & Kelley W.M. (2013). Interactions between transient and sustained neural signals support the generation and regulation of anxious emotion. *Cerebral Cortex*, 23(1), 49-60.

2011

65. Casey B.J., Jones R.M., & Somerville L.H. (2011). Braking and accelerating of the adolescent brain. *Journal of Research on Adolescence: A Decade in Review*, 21(1), 21-33.
66. Casey B.J., Somerville L.H., Gotlib I.H., Ayduk O., Franklin N.T., Askren M.K., Jonides J., Berman M.G., Wilson N.L., Teslovich T., Glover G., Zayas V., Mischel W., & Shoda Y. (2011). Behavioral and neural correlates of delay of gratification 40 years later. *Proceedings of the National Academy of Sciences*, 108(36), 14988-15003.
67. Davis F.C., Somerville L.H., Ruberry E.J., Berry A., Shin L.M., & Whalen P.J. (2011). A tale of two negatives: Differential memory modulation by threat-related facial expressions. *Emotion*, 11(3), 647-655.
68. Jones R.M., Somerville L.H., Li J., Ruberry E.J., Libby V., Glover G., Voss H.U., Ballon D.J., & Casey B.J. (2011). Behavioral and neural properties of social reinforcement learning. *Journal of Neuroscience*, 31(37), 13039-13045.
69. Somerville L.H. & Casey B.J. (2011). Response to Moshman, "Adolescents and their teenage brains". *Human Development*, 54(4), 1-17.
70. Somerville L.H., Fani N., & McClure-Tone E.B. (2011). Behavioral and neural representation of emotional facial expressions across the lifespan. *Developmental Neuropsychology*, 36(4), 1-22.
71. Somerville L.H.*, Hare T.A.*, & Casey B.J. (2011). Frontostriatal maturation predicts behavioral regulation failures to appetitive cues in adolescence. *Journal of Cognitive Neuroscience*, 23(9), 2123-2134.

2010

72. Casey B.J., Jones R.M., Levita L., Libby V., Pattwell S., Ruberry E.J., Soliman F.A., & Somerville L.H. (2010). The storm and stress of adolescence: Insights from human imaging and mouse genetics. *Developmental Psychobiology*, 52(3), 225-235.
73. Soliman F., Glatt C.E., Levita L., Bath K.G., Jones R.M., Pattwell S.S., Tottenham N., Somerville L.H., Voss H.U., Glover G., Ballon D.J., Lee F.S., & Casey B.J. (2010). A genetic variant BDNF (Val66Met) polymorphism alters extinction learning in both mouse and human. *Science*, 327, 863-866.
74. Somerville L.H. & Casey B.J. (2010). Developmental neurobiology of cognitive control and motivational systems. *Current Opinion in Neurobiology*, 20(2), 1-6.
75. Somerville L.H., Jones R.M., & Casey B.J. (2010). A time of change: Behavioral and neural correlates of adolescent sensitivity to appetitive and aversive environmental cues. *Brain and Cognition*, 72(1), 124-133.
76. Somerville L.H., Kelley W.M., & Heatherton T.F. (2010). Self-esteem modulates medial prefrontal cortical responses to evaluative social feedback. *Cerebral Cortex*, 20(12), 3005-3013.
77. Somerville L.H., Whalen P.J., & Kelley W.M. (2010). Human bed nucleus of the stria terminalis indexes hypervigilant threat monitoring. *Biological Psychiatry*, 68(5), 416-424.

2009 and prior

78. Whalen P.J., Johnstone T., Somerville L.H., Nitschke J.B., Polis S.A., Alexander A.L., Davidson R.J., & Kalin N.H. (2008). A functional magnetic resonance imaging predictor of treatment response to venlafaxine in generalized anxiety disorder. *Biological Psychiatry*, 63(9), 858-863.
79. Somerville L.H., Heatherton T.F., & Kelley W.M. (2006). Anterior cingulate cortex responds differentially to expectancy violation and social rejection. *Nature Neuroscience*, 9(8), 1007-1008.
80. Somerville L.H. & Whalen P.J. (2006). Prior experience as a stimulus category confound: An example using facial expressions of emotion. *Social, Cognitive, and Affective Neuroscience*, 1, 271-274.
81. Somerville L.H., Wig G.S., Whalen P.J., & Kelley W.M. (2006). Dissociable medial temporal lobe contributions to social memory. *Journal of Cognitive Neuroscience*, 18(8), 1253-1265.
82. Johnstone T., Somerville L.H., Alexander A.L., Davidson R.J., Kalin N.H., & Whalen P.J. (2005). Stability of amygdala BOLD response to fearful faces over multiple scan sessions. *NeuroImage*, 25(4), 1112-1123.
83. Kim H., Somerville L.H., Johnstone T., Polis S., Alexander A.L., Shin L.M., & Whalen P.J. (2004). Contextual modulation of fMRI responsivity to surprised faces. *Journal of Cognitive Neuroscience*, 16(10), 1730-1745.
84. Somerville L.H., Kim H., Johnstone T., Alexander A.L., & Whalen P.J. (2004). Human amygdala responses during presentation of happy and neutral faces: Correlations with state anxiety. *Biological Psychiatry*, 55(9), 897-903.
85. Whalen P.J., Kagan J., Cook R.G., Davis F.C., Kim H., Polis S., McLaren D.L., Somerville L.H., McLean A.A., Maxwell J.S., & Johnstone T. (2004). Human amygdala responsivity to masked fearful eye-whites. *Science*, 306(5704), 2061.
86. Kim H., Somerville L.H., Johnstone T., Alexander A.L., & Whalen P.J. (2003). Inverse amygdala and medial prefrontal cortex responses to surprised faces. *Neuroreport*, 14(18), 2317-2322.
87. Kim H., Somerville L.H., McLean A.A., Johnstone T., Shin L.M., & Whalen P.J. (2003). Functional MRI responses of the human dorsal amygdala/substantia innominata region to facial expressions of emotion. *Annals of the New York Academy of Sciences*, 985, 533-535.
88. Whalen P.J., Shin L.M., Somerville L.H., McLean A.A., & Kim H. (2002). Functional neuroimaging studies of the amygdala in depression. *Seminars in Clinical Neuropsychiatry*, 7(4), 234-242.

Book chapters

1. Insel C.#, Davidow J.Y.#, & Somerville L.H. (2020). Neurodevelopmental processes that shape the emergence of value-guided goal directed behavior. Chapter in *The Cognitive Neurosciences VI* (Gazzaniga, Mangun, & Poeppel, Eds.). Cambridge: MIT Press.
2. Nook E.C.# & Somerville L.H. (2019). Emotion concept development from childhood to adulthood. Chapter in *Emotion in the Mind and Body, Proceedings of the 66th Nebraska Symposium on Motivation* (Neta & Haas, Eds.). New York: Springer.
3. Somerville L.H. & McLaughlin K.A. (2018). What develops during emotional development? Normative trajectories and sources of psychopathology risk in adolescence. Chapter in *The Nature of Emotion, 2nd Edition* (Davidson, Fox, Lapate, & Shackman, Eds.). Oxford: Oxford University Press.

4. Somerville L.H. (2016). Emotional development in adolescence. Chapter in *Handbook of Emotions, 4th Edition* (Barrett, Lewis, & Haviland-Jones, Eds.). New York: Guilford Press.
5. Somerville L.H. & Casey B.J. (2014). Emotional reactivity and regulation across development. Chapter in *The Cognitive Neurosciences V (Gazzaniga & Mangun, Eds.)*. Cambridge: MIT Press.
6. Aminoff E.M., Balslev D., Borroni P., Bryan R.E., Chua E.A., 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. Chapter in *The Cognitive Neurosciences IV (Gazzaniga, Ed.)*. Cambridge: MIT Press.

Research Grants

As Principal Investigator

| | |
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| 2022-2026 | National Institutes of Health R01 <i>Characterizing pubertal and age mechanisms of neurodevelopment and association with rising internalizing symptoms</i> Role: Co-Principal Investigator (with Deanna Barch) |
| 2021-2022 | Harvard University Mind/Brain/Behavior "Mini" Faculty Award <i>Stress regulation in the context of the COVID-19 pandemic</i> Role: Principal Investigator |
| 2020-2022 | Harvard Brain Institute Bipolar Disorder Seed Grant <i>Brain and cognitive codevelopment through adolescence: Toward a refined understanding of the mechanisms underlying cognitive symptoms of bipolar disorder</i> Role: Principal Investigator |
| 2016-2022 | National Institutes of Health U01 <i>Mapping the human connectome during typical development</i> <i>Mapping the human connectome during typical development: Longitudinal supplement</i> Role: Co-Principal Investigator (with David van Essen, Deanna Barch, Susan Bookheimer, Randy Buckner, Mirella Dapretto, Stephen Smith, Kathleen Thomas, & Essa Yacoub) |
| 2016-2019 | Harvard Dean's Competitive Fund for Promising Scholarship Seed Grant <i>The neurodevelopment of flexible decision making in adolescents</i> Role: Co-Principal Investigator (with postdoctoral fellow Juliet Davidow) |
| 2016-2018 | Brain & Behavior Research Foundation NARSAD Young Investigator Award <i>Prospective identification of brain connectivity patterns distinguishing psychopathology risk trajectories during adolescence</i> Role: Principal Investigator |
| 2015-2022 | National Science Foundation CAREER Award <i>Psychological and neurodevelopmental mechanisms of social influence on adolescent decision-making</i> Role: Principal Investigator |

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| 2015-2016 | Harvard Catalyst “Addressing Mental Health in the Second Decade of Life Through Translational Lifecourse Research” Pilot Grant <i>Quantifying reinforcement learning deficits in adolescent depression: A computational imaging study</i> Role: Co-Principal Investigator (with graduate student Catherine Insel) |
| 2015-2016 | Harvard Initiative for Learning & Teaching Spark Grant <i>LINK: Preparing students to evaluate evidence</i> Role: Co-Principal Investigator (with Todd Rose, Stephanie Sasse) |
| 2014-2017 | US Army Natick Soldier Research Development & Engineering Center Research Project Contract <i>Examining individual differences in the cognitive processes and brain networks supporting social cognition in emerging adults</i> Role: Principal Investigator |
| 2014-2015 | Harvard University Mind/Brain/Behavior Interfaculty Initiative Research Grant <i>Real-life risk taking, regulation in the face of reward, and neurodevelopment during adolescence</i> Role: Co-Principal Investigator (with Margaret Sheridan) |
| 2010-2015 | National Institute of Mental Health K99R00 Pathway to Independence Award K99 Mentored Phase (2010-2012) R00 Independent Phase (2012-2015) <i>Development of tonic and phasic neural systems mediating affect and anxiety</i> Role: Principal Investigator |
| 2004-2007 | National Science Foundation Graduate Research Fellowship |
| As Co-Investigator | |
| 2020-2025 | National Institute of Mental Health R37 <i>Neurodevelopmental mechanisms underlying stress vulnerability during adolescence</i> Role: Co-Investigator (PI: Katie McLaughlin) |
| 2019-2020 | National Institute of Mental Health R56 <i>Neurodevelopmental mechanisms underlying stress vulnerability during adolescence</i> Role: Co-Investigator (PI: Katie McLaughlin) |
| 2014-2019 | National Institute of Mental Health R01 <i>Multilevel biomarkers for suicidal behavior: From interpersonal stress to gene expression in a longitudinal study of adolescent girls</i> Role: Co-Investigator (PIs: Matthew Nock, Mitch Prinstein) |
| 2014-2018 | Yale University Law School Oscar M. Ruebhausen Fund Grant <i>Social consequences of decisions: A developmental study</i> Role: Co-Investigator (PIs: Hedy Kober, Gideon Yaffe) |

Grants & Fellowships Awarded to Mentees

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|-----------|---|
| 2022-2024 | <p>Natural Sciences and Engineering Research Council of Canada (NSERC) Postdoctoral Fellowship</p> <p><i>The impact of aversive processing on response inhibition during adolescence: A large-scale multimodal study from childhood to early adulthood</i></p> <p>Awarded to postdoctoral scholar Taylor Heffer</p> <p>Role: Mentor</p> |
| 2019-2022 | <p>The Pershing Square Fund for Research, Harvard University Foundations of Human Behavior Initiative</p> <p><i>Charting the computational foundations of goal-directed learning during adolescence</i></p> <p>Awarded to graduate student Catherine Insel</p> <p>Role: Mentor</p> |
| 2018-2021 | <p>Netherlands Organisation for Scientific Research VENI grant</p> <p><i>Bridging the gap: Relating laboratory measures to real life risk-taking behavior in adolescence</i></p> <p>Awarded to postdoctoral fellow Barbara Braams to launch her independent laboratory in the Netherlands</p> |
| 2018-2019 | <p>Harvard University Sackler Scholarship in Psychobiology</p> <p><i>Neurodevelopmental markers of self control vulnerabilities during adolescence</i></p> <p>Awarded to graduate student Catherine Insel</p> <p>Role: Mentor</p> |
| 2016-2018 | <p>Harvard Mind/Brain/Behavior Interfaculty Initiative Research Grant</p> <p><i>Early life stress and disruption of frontal circuits for executive function and emotional reactivity</i></p> <p>Awarded to collaborating postdoctoral fellow Carolyn Johnson</p> <p>Role: Co-Mentor (with Takao Hensch)</p> |
| 2016-2018 | <p>Netherlands Organisation for Scientific Research Rubicon Postdoctoral Fellowship</p> <p><i>Risky friends: How peers influence risk-taking behavior in adolescence</i></p> <p>Awarded to postdoctoral fellow Barbara Braams</p> <p>Role: Mentor</p> |
| 2016-2017 | <p>Eric M. Mindich Research Grant, Harvard University Foundations of Human Behavior Initiative</p> <p><i>A computational modeling approach to understanding social hierarchy dynamics in adolescence</i></p> <p>Awarded to postdoctoral fellow Katherine Powers</p> <p>Role: Mentor</p> |
| 2016-2017 | <p>Harvard University Sackler Scholarship in Psychobiology</p> <p><i>Understanding the neural underpinnings of emotion differentiation</i></p> <p>Awarded to graduate student Erik Nook</p> <p>Role: Mentor</p> |
| 2016-2017 | <p>Harvard University Sackler Scholarship in Psychobiology</p> <p><i>Identifying neurodevelopmental markers of risk for depression during adolescence</i></p> <p>Awarded to graduate student Catherine Insel</p> <p>Role: Mentor</p> |

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| 2016-2017 | American Psychological Association Elizabeth Munsterberg Koppitz Child Psychology Graduate Fellowship <i>Adolescent attunement to peer evaluation: Neurodevelopmental mechanisms and consequences of social learning</i> Awarded to graduate student Alexandra Rodman Role: Mentor | | | | | | | | | | |
| 2015-2016 | Harvard University Sackler Scholarship in Psychobiology <i>Adolescent attunement to peer evaluation: Neurodevelopmental mechanisms and consequences of social learning</i> Awarded to graduate student Alexandra Rodman Role: Mentor | | | | | | | | | | |
| 2014-2016 | American Foundation for Suicide Prevention Pilot Grant <i>Examining the neurobiology of suicidal behavior in adolescents</i> Awarded to co-mentored postdoctoral fellow Catherine Glenn Role: Co-Mentor (with Matthew Nock) | | | | | | | | | | |
| Ongoing | National Science Foundation Graduate Research Fellowship <i>or</i> National Defense Science and Engineering Graduate Fellowship Awarded to graduate students: <table> <tr> <td>2021-2024</td><td>Camille Phaneuf (NDSEGF)</td></tr> <tr> <td>2020-2023</td><td>Katherine Grisanzio (NSF GRF)</td></tr> <tr> <td>2016-2019</td><td>Maheen Shermohammed (NSF GRF)</td></tr> <tr> <td>2015-2018</td><td>Erik Nook (NSF GRF)</td></tr> <tr> <td>2014-2017</td><td>Catherine Insel (NSF GRF)</td></tr> </table> | 2021-2024 | Camille Phaneuf (NDSEGF) | 2020-2023 | Katherine Grisanzio (NSF GRF) | 2016-2019 | Maheen Shermohammed (NSF GRF) | 2015-2018 | Erik Nook (NSF GRF) | 2014-2017 | Catherine Insel (NSF GRF) |
| 2021-2024 | Camille Phaneuf (NDSEGF) | | | | | | | | | | |
| 2020-2023 | Katherine Grisanzio (NSF GRF) | | | | | | | | | | |
| 2016-2019 | Maheen Shermohammed (NSF GRF) | | | | | | | | | | |
| 2015-2018 | Erik Nook (NSF GRF) | | | | | | | | | | |
| 2014-2017 | Catherine Insel (NSF GRF) | | | | | | | | | | |

Invited & Conference Talks (since 2012)

2022

Departmental Colloquium, Department of Psychology, Boston College (Boston, MA)
Seminar, Harvard Law School/Petrie Flom Center, Harvard University (Cambridge, MA)

2021

Departmental Colloquium, Department of Psychology, University of Chicago (Virtual)
Keynote, Australasian Society for Social and Affective Neuroscience (Virtual)
TED-style talk, Society for Affective Science (Virtual)
Symposium Co-Chair & Speaker, The European Society for Cognitive and Affective Neuroscience (Virtual)
Symposium Speaker, Society for Biological Psychiatry (Virtual)
Grand Rounds, Department of Psychiatry, Warren Alpert Medical School of Brown University (Virtual)
Seminar, Department of Psychology, University of Quebec at Montreal (Virtual)
Seminar in Cognitive Neuroscience, Department of Psychology, University of Texas at Austin (Virtual)
Seminar, School of Human Development and Social Policy, Northwestern University (Virtual)
Seminar, Seoul National University, Republic of Korea (Virtual)

2020

Seminar, Brigham & Women's Hospital (Boston, MA)

Panel Discussion, Harvard Law School (Cambridge, MA)

2019

Departmental Colloquium, Department of Psychology, Cornell University (Ithaca, NY)

Institute Co-Director & Speaker, Kavli Summer Institute in Cognitive Neuroscience (Santa Barbara, CA)

AAAS Judicial Seminar on Current Issues in Neuroscience (Elkhart, WI)

Seminar, Clinical Area, Department of Psychology, Yale University (New Haven, CT)

Seminar, Center for Cognitive & Behavioral Brain Imaging, The Ohio State University (Columbus, OH)

Seminar, "BrainMap" Series, Martinos Center for Biomedical Imaging, Harvard Medical School (Charlestown, MA)

Mind/Brain/Behavior Faculty Mixer, Harvard University (Cambridge, MA)

Aspen Ideas Festival (Aspen, CO)

Association for Psychological Science (two invited symposia; Washington, DC)

Human Connectome Projects Investigators Conference, National Institute of Mental Health (Bethesda, MD)

Human Connectome Project Training Course (Portland, OR)

2018

Speaker representing FAS in symposium entitled, "A Look Across Harvard", as part of the day-long events celebrating the inauguration of Harvard President Lawrence Bacow (Cambridge, MA)

Departmental Colloquium, Department of Psychology, Northwestern University (Evanston, IL)

Departmental Colloquium, Department of Psychology, University of Massachusetts-Boston (Boston, MA)

Keynote Address & Session Chair, Organization for Human Brain Mapping Conference (Singapore)

Early Career Award Address, Social and Affective Neuroscience Society Conference (Brooklyn, NY)

Early Career Award Address, Flux International Society for Developmental Cognitive Neuroscience (Berlin, Germany)

Institute Faculty & Speaker, Kavli Summer Institute in Cognitive Neuroscience (Lake Tahoe, CA)

Seminar, Social Area, Department of Psychology, Harvard University (Cambridge, MA)

Seminar, MindCORE Interdisciplinary Center, University of Pennsylvania (Philadelphia, PA)

Seminar, Neuroimaging Series, Department of Psychiatry, McLean Hospital (Belmont, MA)

"Big Data, Little Brains" Flux Satellite Conference (Chapel Hill, NC)

Nebraska Symposium on Motivation Conference (Lincoln, NE)

Society for Research on Adolescence Conference (two talks; Minneapolis, MN)

2017

Departmental Colloquium, Departments of Psychology and Biology, Salem State University (Salem, MA)

Keynote Address, Adolescent Neuroscience Group Symposium, UCLA (Los Angeles, CA)

Young Investigator Award Address, Cognitive Neuroscience Society (San Francisco, CA)

Symposium Chair & Speaker, American College of Neuropsychopharmacology (Palm Springs, CA)

Symposium Chair & Speaker, Flux International Society for Developmental Cognitive Neuroscience (Portland, Oregon)

Course Faculty & Speaker, Neuroscience Summer School, Tohoku University (Sendai, Japan)

Seminar, Center for Addiction Medicine, Harvard Medical School (Boston, MA)

Seminar, Martinos Center for Biomedical Imaging, Harvard Medical School (Charlestown, MA)

Seminar, Translational Neuroscience Area, Mount Sinai Medical School (New York, NY)

Seminar, University of Pittsburgh School of Education (Pittsburgh, PA)

Speaker, Women in Science Minisymposium, Harvard University (Cambridge, MA)
 Multidisciplinary Conference on Reinforcement Learning & Decision Making (Ann Arbor, MI)
 Society for Personality and Social Psychology (San Antonio, TX)
 Society for Research on Child Development (Austin, TX)
 Association for Psychological Science (Boston, MA)
 Japan Neuroscience Society (Tokyo, Japan)

2016

Departmental Colloquium, Department of Psychology, Columbia University (New York, NY)
 Departmental Colloquium, Department of Psychology, Concordia University (Montréal, Canada)
 Departmental Colloquium, Department of Psychology, Korea University (Seoul, Republic of Korea)
 Departmental Colloquium, Department of Psychology, Temple University (Philadelphia, PA)
 Departmental Colloquium, Center for Cognitive Neuroscience & Department of Psychology, Duke University (Durham, NC)
 Seminar, Center for the Developing Child, Harvard University (Cambridge, MA)
 Seminar, McLean Hospital/Harvard Medical School (Belmont, MA)
 Seminar, National Institute of Mental Health (Bethesda, MD)
 Seminar, Social Area, Department of Psychology, Princeton University (Princeton, NJ)
 Seminar, Social Brain Sciences, Department of Psychology, Dartmouth College (Hanover, NH)
 Speaker, Center for Brain Sciences Annual Retreat, Harvard University (Cambridge, MA)
 Child and Brain Development Meeting, Canadian Institute for Advanced Studies (Boston, MA)
 Social & Affective Neuroscience Society Conference (New York, NY)

2015

Center Colloquium, Conte Center on Mental Health, Harvard University (Cambridge, MA)
 Departmental Colloquium, Donders Institute of Cognitive Neuroscience, University of Nijmegen (Nijmegen, Netherlands)
 Institute Colloquium, Max Planck Institute for Human Cognitive & Brain Sciences (Leipzig, Germany)
 Keynote Address, National Conference of Chief Justices & Conference of State Court Administrators (Omaha, NE)
 Speaker & Panelist, Center for Law, Brain, and Behavior Juvenile Justice Symposium, Harvard Medical School (Boston, MA)
 Speaker & Panelist, Promises and Perils of Adolescent Neuroscience and Law, Harvard University Law School (Cambridge, MA)
 Seminar, Behavioral Sciences Institute, University of Nijmegen (Nijmegen, Netherlands)
 Seminar, Department of Developmental Psychology, Leiden University (Leiden, Netherlands)
 Seminar, Judge Baker Children's Center, Harvard Medical School (Boston, MA)
 Seminar, Boston Area Affective Science Meeting (Boston, MA)
 Association for Psychological Science Conference (New York, NY)
 British Neuroscience Association Conference (Edinburgh, UK)
 The Science of Character: Using Brain Science to Promote Student Self Regulation, Resilience and Respect Conference (Boston, MA)

2014

Plenary Address, National Center for State Courts Juvenile Justice Reform Summit (Northampton, MA)
 Institute Faculty & Speaker, Mortimer D. Sackler Summer Institute in Developmental Psychobiology (New York, NY)
 Seminar, "BrainMap" Series, Martinos Center for Biomedical Imaging, Harvard Medical School (Charlestown, MA)
 Seminar, Center for Addiction Medicine, Harvard Medical School (Boston, MA)
 Seminar, Center for Law, Brain and Behavior, Harvard Medical School (Boston, MA)
 Seminar, Developmental Area, Department of Psychology, Yale University (New Haven, CT)
 Seminar, Developmental Group, University College London (London, UK)
 Seminar, Neuroscience of Social Decision Making Series, Princeton University (Princeton, NJ)
 Seminar, Social Area, Department of Psychology, Northeastern University (Boston, MA)
 "Capturing Brain Changes across the Lifespan: Implications for Affective Control and Wellbeing" Conference (Reading, UK)
 Eastern Psychological Association Conference (Boston, MA)
 International Society for Developmental Psychobiology Conference (Washington, DC)
 Social Brain Sciences Symposium hosted by Boston College (Boston, MA)
 Society for Affective Science Conference (Bethesda, MD)
 Society for Biological Psychiatry Conference (New York, NY)
 Society for Research on Adolescence Conference (two talks, Austin, TX)
 "The Social Brain" Conference sponsored by the Federation of European Neuroscience Societies and the Brain prize (Copenhagen, Denmark)

2013

Departmental Colloquium, Department of Psychology, University of Wisconsin-Milwaukee (Milwaukee, WI)
 Symposium Chair and Speaker, Association for Psychological Science Conference (Washington, DC)
 Seminar, Behavioral Laboratory in Social Sciences (BLISS) Program, Harvard University (Cambridge, MA)
 Seminar, Center for Brain Sciences, Harvard University (Cambridge, MA)
 Seminar, Clinical Area, Department of Psychology, Yale University (New Haven, CT)
 Seminar, Cognitive Neuroscience Area, Boston Children's Hospital (Boston, MA)
 Seminar, Department of Psychiatry, Harvard Medical School (Charlestown, MA)
 Seminar, Department of Psychology, University of Amsterdam (Amsterdam, Netherlands)
 Seminar, Neuroimaging & Neuroscience Series, Boston VA Hospital (Boston, MA)
 Seminar, Neuroimaging Series, McLean Hospital (Belmont, MA)
 Seminar, Psychiatric Genetics & Translational Research Seminar, Harvard Medical School (Boston, MA)
 Seminar, Social Area, Department of Psychology, Brown University (Providence, RI)
 Speaker, Women in Science Minisymposium, Harvard University (Cambridge, MA)
 Mechanisms of Motivation, Cognition, & Aging Interactions Conference (Washington, DC)

2012

Seminar, Affective Brain Laboratory, University College London (Online)
 Speaker, Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College (New York, NY)
 Affective Science Institute Emerging Perspectives Conference at Northeastern University (Boston, MA)
 Association for Psychological Science Conference (Chicago, IL)

Social & Affective Neuroscience Society Conference (New York, NY)
 Society for Personality & Social Psychology Conference (San Diego, CA)

Society Memberships

Association for Psychological Science
 Cognitive Neuroscience Society
 Flux International Society for Developmental Cognitive Neuroscience
 Social & Affective Neuroscience Society
 Society for Affective Science
 Society for Neuroscience
 Society for Research on Adolescence

Teaching & Mentoring

Course head

| | |
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| Every semester | PSY2160r Laboratory in Affective Neuroscience & Development |
| Fall 2022 | PSY2010 Graduate Departmental Proseminar |
| Spring 2022 | PSY1702 The Emotional Mind |
| Fall 2020 | PSY2010 Graduate Departmental Proseminar |
| Spring 2020 | PSY1355 The Adolescent Brain |
| Fall 2019 | PSY1702 The Emotional Mind |
| Spring 2019 | PSY1355 The Adolescent Brain |
| Fall 2018 | PSY1702 The Emotional Mind |
| Spring 2018 | PSY1355 The Adolescent Brain |
| Fall 2017 | PSY1702 The Emotional Mind |
| Spring 2016 | PSY1702 The Emotional Mind |
| Fall 2015 | PSY1355 The Adolescent Brain |
| Spring 2014 | PSY1355 The Adolescent Brain |
| Fall 2013 | PSY1702 The Emotional Mind |
| Spring 2013 | PSY1702 The Emotional Mind |

Co-Instruction

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| Every year | PSY2020 Cognition, Brain, & Behavior Proseminar PSY2010 Graduate Departmental Proseminar PSY2500 Social Psychology Proseminar Law and Neuroscience (Harvard Law School) |
| Occasional | PSY950 Psychology Live Child Psychiatry Fellowship (Harvard Medical School) |

Mentoring

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| Postdocs | Current: Taylor Heffer, Jessica Jones |
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| | Past: Graham Baum, Barbara Braams, Garth Coombs, Juliet Davidow, John Flournoy, Catherine Glenn (co-advised with Matthew Nock), Natasha Parikh, Katherine Powers, Jessica Schwab |
| PhD students | Current: Yelina Chen, Katherine Grisanzio, Adam Omary, Camille Phaneuf, Constanza Vidal Bustamante Past: Catherine Insel, Erik Nook, Alexandra Rodman, Maheen Shermohammed |
| AM students | Past: Tracy Lamar-Ray (Harvard Extension School) |
| Visiting students | Past: Nadine Abi Akar (Lebanon), Saz Ahmed (UK), Ivy Defoe (Netherlands)*, Iris Ikink (Netherlands), Lena Schäfer (Netherlands), Bianca van den Bulk (Netherlands), Leehyun Yoon (Republic of Korea) * Fulbright Scholar |
| Undergraduates | Current: Amber Liu Past: Amma Ababio, Hayoung Ahn, Jeremy Astesano, Alex Barry, Amanda Brandt, Laura Cegarra, Mia Charifson*, Emily Cherkassky, Aridenne Dews, Chiemeka Ezie, Brian Huh, Matt Jiang, Lia Kaynor, Racheal Lama, Christina Li, Sandy Li, Kayla McGarrell, Kimberly Mulvehill, Kristen Osborne*, Sadhana Ponnaluri, Arielle Rabinowitz*, Kashfia Rahman, Ana Reyes, Brad Riew, Marilyn Romero, Azul Savid, Maggie Schell, Saul Soto, Caitlin Stavish, Christina Uhrig, Nicole Uribe, Constanza Vidal Bustamante*, Zuzanna Wojcieszak, Kara Xie, Joan Zhang * Senior thesis writer |
| High schoolers | Past: Biniam Andargie, Samantha Collins, Oliver George, Waverly Huang, Joseph Reed Junkin, Harrison Rohrer*, Ana Vestemean * Intel Science Fair competitor |
| Research staff | Current: John Flournoy, Isabelle Jacques Past: Laura Cegarra, Hyun Young (Katie) Cho, Susanna Crowell, Megan Garrad, Melanie Grad-Freilich, Nadia Haddara, Anne Harris, Emily Iannazzi, Katya Kabotyanski, Erik Kastman, Gian Klobusicky, Laurel Kordyban, Michael Mayer, Mahalia Prater Fahey, Alea Skwara, Constanza Vidal Bustamante, Arpi Youssoufian, Ruixi Zhang |
| Other | Past: Yang Cai (MEd student at HGSE), Miwako Chimura (Bunker Hill Community College), Gina Falcone (PhD student at Suffolk University), Melanie Grad-Freilich (Undergraduate at Yale University), Mingzhu He (MEd student at HGSE), Jessica Hsu (postbaccalaureate volunteer), Kevin Kent (MEd student at HGSE), Lucy Lurie, Jahan Naghshineh (MEd student at HGSE), Ekaterina Pivovarova (collaborative postdoctoral fellow), Jose Santiago (Bunker Hill Community College), Stephanie Sasse (MEd student at HGSE), Hannah Shulman (PhD student at Northeastern University), Abigail Stark (PhD student at Suffolk University), Sophie Turnbull (MEd student at HGSE) |

Institutional Service

University

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| 2022-Present | Social Science Dean's Advisory Committee Harvard University |
| 2021-Present | Standing Committee on Degrees in Neuroscience Harvard College/Faculty of Arts and Sciences |
| 2020-Present | Faculty Advisor Harvard College Psychological Association for Underrepresented Students |
| 2020-2022 | Review Committee Star-Friedman Challenge for Promising Scientific Research |

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| 2020-2021 | Co-Chair Faculty of Arts and Sciences Committee to Review Conduct Policies and Procedures (CRCPP) |
| 2020 | Department of Psychology COVID-19 Human Subjects Resumption of Research Committee |
| 2020 | Harvard University FAS COVID-19 Dean's Committee on Resuming Scholarship |
| 2020 | Graduate Admissions Subcommittee Department of Psychology Committee for Diversity, Inclusion, and Belonging |
| 2019-2020 | Provost Task Force on Managing Student Mental Health |
| 2017-2020 | Faculty Network Member First-Generation/Low-Income Student Caucus |
| 2015, 2016 | Herchel Smith Undergraduate Fellowship in Science Selection Committee |
| 2015-2016 | Board of Freshman Advisors |
| 2013 | Judge Neuroscience & Mental Health poster session, Conte Center at Harvard |

Departmental

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|--------------|--|
| 2021-Present | Curriculum Committee |
| 2019-Present | Director of Graduate Studies |
| 2018-2020 | Chair, Departmental Climate Committee |
| 2018-2019 | Clinical Area Faculty Search Committee |
| 2018 | Committee on Undergraduate Instruction |
| 2017-2019 | Co-Organizer, Cognition, Brain & Behavior Brownbag Series |
| 2017-2018 | Restricted Funds Committee |
| 2017-2018 | Cognition, Brain, and Behavior Area Faculty Search Committee |
| 2015-2016 | Clinical Area Faculty Search Committee |
| 2015-2016 | Space Committee |
| 2015-2016 | Organizer, Cognition, Brain & Behavior Brownbag Series |
| 2013-2014 | Social Area Faculty Search Committee |
| 2013-2014 | Co-Organizer, Cognition, Brain & Behavior Brownbag Series |
| 2012-2013 | Restricted Funds Committee |
| 2012-2013 | Social Area Faculty Search Committee |

Service

Field

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| 2020-2022 | Faculty Advisor Innovators in Cognitive Neuroscience Seminar Series |
| 2019 | Co-Director Kavli Summer Institute in Cognitive Neuroscience |
| 2018-2020 | Co-Founder & Contributing Writer, " <i>Letters to Young Scientists</i> " mentoring column Science Careers/Science Magazine |
| 2012 | Co-Chair Social Brain Sciences Symposium (New England area meeting) |
| 2009 | Co-Director John Merck Fund Summer Institute on the Biology of Developmental Disabilities |

Societies

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| 2021-2022 | Program Committee, Young Investigator Award Committee Flux International Society for Developmental Cognitive Neuroscience |
| 2016-2021 | Treasurer (2018-2021) Member-at-Large, Executive Committee (2016-2018) Society for Affective Science |
| 2014-2017 | Co-Chair, Emotion Preconference Society for Personality & Social Psychology |
| 2012-2015 | Co-Chair of Annual Meeting (2015) Member-at-Large, Executive Committee (2012-2015) Social & Affective Neuroscience Society |

Editing

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| 2020-Present | Associate Editor <i>Psychological Science</i> |
| 2019-Present | Associate Editor <i>Developmental Review</i> |
| 2019-Present | Editorial Board <i>Affective Science</i> |
| 2018-Present | Associate Editor (2018-2020) Editorial Board (2020-Present) <i>Social, Cognitive, & Affective Neuroscience</i> |
| 2014-Present | Consulting Editor <i>Motivation Science</i> |

Reviewing

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| 2016-2020 | Janet Taylor Spence Award Selection Committee (Chair 2018-2020) <i>Association for Psychological Science</i> |
| 2017-2019 | F.J. McGuigan Dissertation Award Selection Committee <i>American Psychological Association</i> |
| 2016, 2018 | F.J. McGuigan Early Career Investigator Prize Selection Committee <i>American Psychological Association</i> |
| Continual | Peer review (Journals, Grants [e.g., NIH, NSF, NWO], Fellowships, Book Proposals), Promotion evaluations |

Advisory

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| 2022-Present | Advisory Board of Marie Curie Doctoral Network in Adolescence, Politics and Democracy University of Amsterdam/Royal Holloway, UK |
| 2022-Present | External Advisory Committee, Center for Pediatric Brain Health Boys Town National Research Hospital (Omaha, NB) |
| 2022-Present | External Advisory Committee, Growing Up Together in Society (GUTS) Project Erasmus University Rotterdam, Netherlands |
| 2022 | Member, Adolescent Death Penalty Task Force <i>American Psychological Association</i> (Washington, DC) |

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| 2018 | Participant and Speaker, Workshop on the Sex and Gender Influences on the Adolescent Brain and Adolescent Mental Health of Girls and Young Women National Institute of Mental Health (Bethesda, MD) |
| 2017 | Participant, Office of the Director Workshop on Computational Psychiatry National Institute of Mental Health (Bethesda, MD) |
| 2017 | Participant, Stanleynext10 Workgroup on Disease Mechanisms Stanley Center, Broad Institute (Cambridge, MA) |

Public Engagement

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|--------------|--|
| 2018-Present | Faculty, Project Teach, brings every 7 th grader in Cambridge, MA to Harvard to foster college-going identity formation |
| 2014-Present | Core Faculty & Juvenile Justice Working Group, MGH Center for Law, Brain, & Behavior |
| 2013-Present | Advisory Board, The People's Science (platform for public engagement with science) |
| 2013-2017 | Advisory Board, The Brain Education Project (neuroscience literacy program) |

2022

Podcast guest, "How God Works" (Online)

2021

Fellow and Speaker, "The Garden" (Online)

2020

Workshop for lawyers on the intersection between brain development research and juvenile policy (Online)

2019

Workshop on science communication, Brandeis University (Waltham, MA)

Science workshop for adolescents, Masconomet Regional High School (Boxford, MA)

2018

Editorial, "*What can we learn from Dartmouth?*", Science Careers/Science Magazine

Career development interview, Center for Outreach, Research, and Education, University of Pennsylvania (Philadelphia, PA)

Health Week science presentation about neurodevelopment, Museum of Science (Boston, MA)

Press featuring article on adolescent emotional granularity (Nook et al., Psychological Science), APS Member Spotlight, Harvard Magazine, Harvard Gazette

Keynote Address, Crimson Summer Academy at Harvard (Cambridge, MA), summer program for high school students from disadvantaged backgrounds

Science workshop for adolescents, Boston Pilot Academy (Allston, MA), reported in Harvard Gazette

Science workshop for adolescents, Cambridge Rindge & Latin School (Cambridge, MA)

Science workshop for adolescents, New Liberty Innovation School (Salem, MA)

Science workshop for adolescents, Mary Lyon School & Cambridge Rindge & Latin School (Cambridge, MA)

2017

Press featuring article on adolescent insensitivity to high stakes (Insel et al., Nature Communications), BBC, CBC, New Scientist

Science workshop for adolescents, Mary Lyon School & Boston Green Academy (Brighton, MA)

Science workshop for adolescents, Masconomet Regional High School (Boxford, MA)

Science workshop for adolescents and teachers, Newton South High School (Newton, MA)

Subject of three-part series on Adolescent Brain Development, Channel One News (Educational news program viewed by ~5 million youth in middle & high school homeroom classes)

2016

Press featuring article on human brain maturity (Somerville, Neuron), New York Times; CNN; Cell Press; APS Member Spotlight

Feature article on the Human Connectome Project in Development, Harvard Gazette

Science workshop for adolescents and teachers, Newton South High School (Newton, MA)

Science workshop for adolescents and parents, Harvard Museum of Natural History (Cambridge, MA)

2015

Keynote speaker on Adolescent Neuroscience for Middle School students, parents, & teachers, Ottoson Middle School (Arlington, MA)

Guest blog post, emotionnews.org, 'The emotional potency of peers during adolescence'

2014

School assembly on Adolescent Neuroscience, Belmont Hill School (Belmont, MA)

Keynote speaker on Adolescent Neuroscience for Boston-area high school teachers, Belmont Hill School (Belmont, MA)

Keynote speaker on Adolescent Neuroscience for Boston-area high school teachers, hosted by Life Sciences Outreach at Harvard University (Cambridge, MA)

Science workshop for adolescents, King Phillip Regional High School (Wrentham, MA)

Science workshop for adolescents, hosted by Harvard Graduate School of Education Brain Awareness Week activities (Cambridge, MA)

2013

Experts in Emotion online interview series (publicly available on YouTube)

Keynote speaker on Adolescent Neuroscience for Boston-area high school teachers, students, and parents, Chapel Hill-Chauncy Hall School (Waltham, MA)

Science workshop for adolescents, Weston High School (Weston, MA)

Science workshop for adolescents, Philip Brooks House Association at Harvard University (Cambridge, MA)

Science workshop for adolescents, Pierce K-8 School (Brookline, MA)

Science workshop for adolescents, hosted by Harvard Graduate School of Education Brain Awareness Week activities (Cambridge, MA)

2012

Science workshop for adolescents, Pierce K-8 School (Brookline, MA)