

CURRICULUM VITAE

B.J. Casey, PhD

March 19, 2023

A. Field of specialization

Developmental cognitive neuroscience with an emphasis on adolescent brain and behavior

B. Education

Appalachian State University, Boone, NC	BA Psychology	1982
Appalachian State University, Boone, NC	MA Psychology	1984
University of South Carolina, Columbia, SC	PhD Experimental Psychology	1990
Dissertation: Development of automatic and controlled processing (unpublished)		
Thesis Advisers: Randall W. Engle and John E. Richards		

C. Academic Positions

Assistant to Vice Chancellor of Academic Affairs	University of South Carolina- Aiken	1984-1986
Postdoctoral Fellow	National Institute of Mental Health	1990-1992
Staff Fellow	National Institute of Mental Health	1992-1994
Assistant Professor	University Pittsburgh Medical Center	1994-1999
Visiting Research Collaborator	Princeton University	1998-2006
Associate Professor of Psychiatry	Weill Cornell Medical College	1999-2002
Sackler Professor of Developmental Psychobiology	Weill Cornell Medical College	2002-2016
Director, Sackler Institute	Weill Cornell Medical College	2002-2016
Guest Research Investigator	The Rockefeller University	2013-2020
Professor of Psychology	Yale University	2016-2022
Affiliated Professor, Justice Collaboratory	Yale Law School	2016-present
Affiliated Professor, Neuroscience Program	Yale School of Medicine	2016-2022
Christina L. Williams Professor of Neuroscience.	Barnard College/Columbia	2022-present

D. Honors, Prizes and Fellowships

John Merck Scholar in the Biology of Developmental Disabilities	1997
Charles A Dana Clinical Hypotheses in Neuroscience Research Award	1998
John Merck Fund Service Award	2005
Greatest Contribution of an Alumna to the Field of Psychology, USC	2007
The National Academies of Science, Invited Lecture	2007
College of Arts & Sciences Alumna Award, USC	2008
The Hebb Lecturer, Dalhousie University, Halifax	2010
The Jeffrey Lecturer, UCLA	2012
WCMC Award for Teaching Excellence	2012
Society for Psychophysiological Research Keynote Speaker	2012
The Salmon Lecturer, New York Academy of Medicine	2012
Society for Research in Child Development (SRCD) Master Lecturer	2013
Douglas Powers Visiting Scholar Award, Vanderbilt University	2013
Child Study Center's Bloom Lecture, Penn State	2014
Symposium for Young Neuroscientists and Professors of the Southeast (SYNAPSE) Keynote Speaker	2014
Honorary Doctorate, Utrecht University	2014
Eastern Psychological Association Keynote Speaker	2014
American Psychological Association (APA) Frontiers of Science Lecture	2014
Ann L. Brown Award for Excellence in Developmental Research and Invited Speaker	2014

University of Illinois in Champaign-Urbana	
Organization of Human Brain Mapping Keynote Speaker	2015
Ruane Prize for Outstanding Achievement in Child and Adolescent Psychiatric Research, NARSAD/Brain and Behavior Research Foundation (BBRF)	2015
Irish America magazine's Healthcare and Life Sciences Top 50	2015
World's Most Influential Minds of 2015, Thomson Reuters	2015
Distinguished Scholar Award, Social and Affective Neuroscience Society	2017
Yale Masters of Arts, <i>privatum</i>	2017
Featured David Kopf Lecture on Neuroethics, Society for Neuroscience	2018
Keynote Address, International Convention of Psychological Science	2019
Huttenlocher Lecturer Award, Flux Congress for Developmental Cognitive Neuroscience	2019
Keynote address, Brainy Days 2021, Florida Atlantic University	2021
Biennial Meeting of Society of Research for Child Development Invited Lecturer	2021
Lifetime Achievement Mentor Award, Association for Psychological Science (APS)	2021
APS 25 th Anniversary Celebration Symposium of Psychological Discoveries	2021
Highly Cited Researchers™ list from Clarivate™ (top 1%)	2021
Elected to the American Academy of Arts and Sciences	2021
Best Female Scientist award, Research.com Rankings	2022
George A. Miller Prize, Cognitive Neuroscience Society	2022
Distinguished Scientific Contribution Award, American Psychological Association	2022

E. Grants and Contracts

Title and funding agency	Award amount	Period of Award	Investigators
<i>Mapping the Development of Inhibitory Mechanisms</i>			
NIMH K01 MH01297	\$562,568	8/01/96-4/30/01	PI: Casey, BJ Mentor: Moore,R
<i>Developmental fMRI Consortium</i>			
MacArthur Foundation	\$200,000	01/01/97-12/31/99	PI: Casey, BJ, Cohen, J Site PIs: Nelson, C, Davidson, R, Rosen, B
<i>The Psychobiology of Childhood Anxiety and Depression: fMRI</i>			
NIMH P01 MH41712	\$510,000	09/01/97-08/31/02	Project PI: Casey, BJ Dahl, R Center PI: Ryan, N
<i>Cognitive and Neural Mechanisms of Conflict and Control: Development</i>			
NIMH P50 MH62196	\$558,771	09/01/00-08/31/05	Project PI: Casey, B. Center PI: Cohen, J
<i>Frontostriatal Development and Cognitive Control</i>			
NIMH R01 MH63255	\$1,223,891	5/01/01-4/30/06	PI: Casey, BJ
<i>Functional Neuroanatomical Deficits in ADHD families</i>			
NIMH R01 MH64166 (Collaborative R01)	\$180,000	5/01/02-4/30/05	Site PI: Casey, BJ PI: Epstein, J
<i>Development of Prediction and Reward Circuitry</i>			
NIDA R21 DA15882	\$300,000	7/01/02-6/30/05	PI: Casey, BI
<i>Brain Development following Institutionalization</i>			
NIMH R01 MH73175	\$1,419,058	7/23/04-5/31/10	PI: Casey, BJ
<i>Development of Basic Components of Decisions</i>			

NIDA R01DA018879	\$1,250,000	10/14/04-9/30/11	PI: Casey, BJ
<i>Training Clinical Neuroimagers</i>			
NIMH R25 MH060478	\$249,817	9/01/04-8/31/11	PI: Casey, BJ
<i>Cognitive and Neural Mechanisms of Decision Making</i>			
NIMH P50 MH062196	\$629,683	9/01/05-8/31/11	Project PI: Casey, BJ Center PI: Cohen, J
<i>Self-Control in the Life Course</i>			
NSF 06-509	\$446,234	9/16/06-9/15/11	PI: Shoda, Y Co-Is: Casey, BJ Mischel, W, Gotlib, I Jonides, J,
<i>Affective and Deliberative Risky Decision Making in Children, Adolescents, and Adults</i>			
NSF 0720932	\$266,031	10/01/07-9/30/10	PI: Weber, E Co-I: Casey, BJ
<i>Effects of BDNF Genotype and Stress on Learning and Development</i>			
NIMH P50 MH 079513	\$10,000,000	05/01/08-04/30/13	PI: Casey, BJ Proj PIs: Lee, FS Gunnar, M, McEwen, B
IMAGINE: Ithaca Manhattan Graduate Initiative in Neuroscience			
NICHHD T32 HD055177	\$ 1,117,247	5/01/08-04/30/13	PI: Finlay, Barbara Site PI: Casey, BJ
<i>Pediatric Imaging, Neurocognitive, Genetic (PING) study</i>			
NIDA RC2 DA029475	\$ 322,630	9/30/09-08/31/13	Subcontract PI: Casey, BJ PI: Jernigan, T, Dale, A
<i>Development of Emotion Regulation Mechanisms impacting Health</i>			
NICHHD R01 HD069178	\$ 560,544	9/30/10-8/31/16	PI: Oschner, K Co-I Casey, BJ, Mischel, W
<i>Adolescent Decision Making related to Criminal Activity</i>			
MacArthur Foundation	\$ 561,250	1/1/13-6/30/15	Subcontract PI: Casey, BJ Co-I: Fair, D. Galvan, A, Richeson, J, Scott, E, Steinberg, L, Chein, J Taylor-Thompson, K
Functional imaging and eating behavior among FTO genotypes in pre-obese children			
1 R056 DK097399-01	\$ 38,311	9/24/12-8/31/13	PI: Mayer, L Rosenbaum, M Subcontract PI: Casey, BJ
<i>Functional imaging and eating behavior among FTO genotypes in pre-obese children</i>			
1 R01 DK097399	\$313,620	12/1/13-1/30/18	PI: Mayer, L Rosenbaum, M Co-I: Casey, BJ
<i>Threat Perception in "Out-group" Encounters</i>			
MacArthur Foundation	\$ 558,924	10/1/14-9/30/15	PI: Casey, BJ Co-I: Eberhardt, J,

Fair, D. Richeson, J,
Taylor-Thompson, K

Impact of negative affect on neural circuitry in bulimia nervosa: an fMRI study
1 R21 MH103650 \$59,761 4/1/14-5/31/16 PI: Broft, A
Subcontract Casey, BJ

Adolescent Brain Cognitive Development (ABCD) Study: Research Project 7 (NYC site)
1 U01 DA041174 \$10,362,380 9/30/15-04/15/20 PIs: Casey BJ
Goldstein, R

ABCD Study: Data Acquisition Informatics Core (DAIC)
1 U24 DA041123 \$125,000 10/1/15-09/30/18 PI: Dale, A
Subcontract PI: Casey, BJ

ABCD Substudy on Social Development
NIJ 2017-91727-PA-DN \$292,000 1/01/19-12/31/21 Subcontract PIs:
Casey, BJ
Baskin-Sommers, A
Study PI: Clark, D.

Adolescent Brain Cognitive Development (ABCD) Study: Research Project 7 (Yale Site)
2 U01 DA041174 \$10,362,380 9/30/15-04/15/20 PI: Casey, BJ, Gordon, C.T.,
and Baskin-Sommers, A
Co-I: Constable, RT

F. Publications

Peer Reviewed Articles (Google Scholar h-Index: 110, citations: > 64,000 times)

- Senior author listed last

1. **Casey, B.J.** & Richards, J.E. (1988). Sustained visual attention in young infants measured with an adapted version of the visual preference paradigm. *Child Dev*, 59, 1514-1521.
2. **Casey, B.J.** & Richards, J.E. (1991). A refractory period for the heart rate response during infant visual attention. *Developmental Psychobiology*, 24, 327-340.
3. Richards, J.E. & **Casey, B.J.** (1991). Heart rate variability during attention phases in young infants. *Psychophysiology*, 1991; 28, 43-53.
4. **Casey, B.J.**, Gordon, C.T., Mannheim, G., & Rumsey, J.M. (1993). Attentional dysfunction in calendar calculating savants. *J of Clin and Exptl Neuropsych*, 15, 933-46.
5. Swedo, S.E., Leonard, H.L., Schapiro, M.B., **Casey, B.J.**, Mannheim, M.D., Lenane, M.C., & Rettew, D.C. (1993). The psychological sequelae of Sydenham's chorea. *Pediatrics*, 91, 706-713.
6. **Casey, B.J.**, Vauss, Y., & Swedo, S.E. (1994). Attentional functioning in Sydenham's chorea: A basal ganglia disorder. Part I. *Developmental Neuropsychology*, 10, 75-88.
7. **Casey, B.J.**, Vauss, Y., Chused, A., & Swedo, S.E. (1994). Executive functioning in Sydenham's chorea: A basal ganglia disorder: Part II. *Developmental Neuropsychology*, 10:89-96
8. Cohen, J.D., Forman, S.D., Braver, T.S., **Casey, B.J.**, Servan-Schreiber, D., & Noll, D.C. (1994). Activation of prefrontal cortex in a non-spatial working memory task with functional MRI. *Human Brain Mapping*, 1, 293-304.

9. Giedd, J., Castellanos, X., **Casey, B.J.**, Kozuch, P., Vaituzis, C.K., Hamburger, S., & Rapoport, J.L. (1994). MRI correlates of ADHD. *Amer J Psychia*, 151, 665-9.
10. George, M. S., Ketter, T.A., Parekh, P.I., Rosinsky, N., Ring, H., **Casey, B.J.** et al. (1994). Regional brain activity when selecting a response despite interference: An O-15 PET study of emotional Stroop. *Human Brain Map* 194-209.
11. Schneider, W., **Casey, B.J.**, & Noll, D. (1994). Functional MRI mapping of stimulus rate effects across visual processing stages. *Human Brain Map*, 1, 117-33.
12. **Casey, B.J.**, Cohen, J.D., Jezzard, P., Turner, R., Noll, D., Trainor, R., Giedd, J., Kaysen, D., Hertz-Pannier, L., & Rapoport, J.L. (1995). Activation of PFC in children during a non-spatial working memory task with functional MRI. *Neuroimage*, 2, 221-229.
13. **Casey, B.J.** & Cohen, J.D. Reply to Letter: Is Research in Normal and Ill Children Involving Radiation Exposure Ethical? *Archives of General Psychiatry*, 1996; 53, 1059-1060.
14. Giedd, J., Snell, J.W., Lange, N., Rajapakse, J.C., **Casey, B.J.**, Kaysen, D., Vaituzis, C.K., Vauss, Y.C., Hamburger, S., Kozuch, P., & Rapoport, J.L. (1996). Quantitative MRI of human brain development: ages 4 to 18 years. *Cerebral Cortex*, 6, 551-560.
15. **Casey, B.J.**, Giedd, J., Vauss, Y., Vaituzis, C., Hamburger, S., Kozuch, P., Trainor, R., & Rapoport, J. L. (1997). The role of the anterior cingulate in automatic and controlled attentional processes: a dev. neuroanatomical study. *Dev Psychobio*, 30, 61-9.
16. **Casey, B.J.**, Castellanos, X., Giedd, J., Marsh, W., Hamburger, S., Schubert, A., Vauss, Y, Vaituzis, C., Dickstein, D., Sarfatti, S., & Rapoport, J. L. (1997). Involvement of right frontostriatal circuitry in response inhibition deficits of Attention Deficit Hyperactivity Disorder. *J of the Amer Academy for Child and Adolescent Psychiatry*, 36, 374-383.
17. **Casey, B.J.**, Trainor, R.J., Orendi, J.L., Schubert, A.B., Nystrom, L. E., Cohen, J.D, Noll, D.C., Giedd, J., Castellanos, X., Haxby, J., Forman, S.D., Dahl, R.E., & Rapoport, J.L. (1997). A pediatric functional MRI study of prefrontal activation during performance of a Go-No-Go task. *Journal of Cognitive Neuroscience*, 9, 835-847.
18. **Casey, B.J.**, Cohen, J.D., Davidson, R., Hu, X., Lowe, M., Nelson, C., Noll, D.C., O'Craven, K., Rosen., B., Savoy, R., Truwitt, C., & Turski, P. (1998). Reproducibility of fMRI results across four institutions using a working memory task. *Neuroimage*, 8, 249-261.
19. De Bellis, M.D., Keshavan, M.S., Clark, D.B., **Casey, B.J.**, Giedd, J.N., Boring, A.M., Frustaci, K., Ryan, N.D.(1999). Developmental traumatology part II: brain development. *Biological Psychiatry*, 45(10), 1271-84. A. E. Bennett Research Award.
20. Thomas, K.M., King, S.W., Franzen, P.L., Welsh, T.F., Berkowitz, A.L., Noll, D.C., Birmaher, V., and **Casey, B.J.** (1999). A developmental functional MRI study of spatial working memory. *Neuroimage*, 10, 327-338.
21. **Casey, B.J.**, Giedd, J.N., and Thomas, K.M. (2000). Structural and functional brain development and its relation to cognitive development. *Biol Psychology*, 54, 241-257.
22. **Casey, B.J.**, Thomas, K. M., Welsh, T. F., Badgaiyan, R., Eccard, C. H., Jennings, J. R., & Crone, E. A. (2000). Dissociation of response conflict, attentional control, and expectancy with functional magnetic resonance imaging (fMRI). *Proc Natl Acad Sci USA.*, 97, 8728-8733.
23. De Bellis, M. D., **Casey, B.J.**, Dahl, R., Birmaher, B., Williamson, D., Thomas, K. M., Axelson, D. A., Frustaci, K., Boring, A. M., Hall, J., Ryan, N. (2000). A pilot study of amygdala volume in Pediatric Generalized Anxiety Disorder. *Biological Psychiatry* 2000; 48, 51-7.
24. **Casey, B.J.**, Forman, S.D., Franzen, P., Berkowitz, A., Braver, T.S., Nystrom, L.E., Thomas, K.M.

- & Noll, D.C. (2001). Sensitivity of prefrontal cortex to changes in target probability. *Human Brain Mapping*, 13, 26-33.
25. **Casey, B.J.**, Durston, S. & Fossella, J. A. (2001). Mechanistic Model of Cognitive Control: Clinical, Neuroimaging, and Lesion Studies. *Clinical Neurosci Research*, 1, 267-282.
 26. Thomas, K.M., Drevets, W.C., Whalen, P.J., Eccard, C.H., Dahl, R.E., Ryan, N.D. & **Casey, B.J.** (2001). Amygdala response to facial expressions in children and adults. *Bio Psychiatry*, 49, 309-316.
 27. Durston S., Hulshoff Pol H.E., **Casey B.J.**, Giedd J.N., Buitelaar J.K., Van Engeland H. (2001). Anatomical MRI of the developing human brain: what have we learned. *Journal of the American Academy for Child and Adolescent Psychiatry*, 40, 1012-1020.
 28. Thomas, K.M., Drevets, W.C., Dahl, R.E., Ryan, N.D., Birmaher, B., Eccard, C.H., Axelson, D., Whalen, P.J., & **Casey, B. J.** (2001). Abnormal amygdala response to faces in anxious and depressed children. *Archives of General Psychiatry*, 58, 1057-1063.
 29. **Casey, B.J.** (2002) Windows into the Developing Human Brain. *Science*, 296: 1409-1410.
 30. **Casey, BJ**, Tottenham, N. & Fossella, J. (2002). Clinical, lesion, imaging and genetic approaches to the study of inhibitory mechanisms of attention. *Dev Psychobio*, 40:237-54.
 31. **Casey, B.J.**, Davidson, M. & Rosen, B. (2002). The Basics of fMRI and its application to developmental science. *Developmental Science*, 5, 301-309.
 32. **Casey, B.J.**, Thomas, K.M., Davidson, M.C., Kunz, K. & Franzen, P.L. (2002). Dissociating Striatal and Hippocampal Function Developmentally with a Stimulus-Response Compatibility Task. *J. Neuroscience*, 22, 8647-8652.
 33. **Casey, B.J.** Fossella, J. & Yeung, N. Role of the Anterior Cingulate Cortex in Cognition and Emotion. in V.S. Ramachandran (Ed.) *Encyclopedia of the Human Brain*. 2002 Academic Press: San Diego, CA.
 34. **Casey, B.J.** and Munakata, Y. Special Issue on Converging Methods Approach in Developmental Science, Invited Editor, *Developmental Psychobiology*, 2002; 40.
 35. **Casey, B.J.** Special Issue on Brain Plasticity, Development and Learning Invited Editor *Mental Retardation and Dev Disabilities Research Reviews*. 2003; Wiley
 36. Durston, S., Thomas, K.M., Worden, M.S., Yang, Y., **Casey, B.J.** (2002). An fMRI study of the effect of preceding context on inhibition. *Neuroimage*, 16, 449-453.
 37. Durston, S., Thomas, K.M., Yang, Y., Ulug, A.M., Zimmerman, R. & **Casey, B.J.** (2002). A neural basis for development of inhibitory control. *Developmental Science*, 5, 9-16.
 38. Durston, S., Tottenham, N. Thomas, K.M., Davidson, M.C., Eigsti, I-M, Yang, Y., Ulug, A.M. & **Casey, B.J.** (2003). Differential patterns of striatal activation in young children with and without ADHD. *Biological Psychiatry*, 53, 871-878.
 39. Durston, S., Davidson, M.C., Thomas, K.M., Worden, MS, Tottenham, N., Martinez, A, Watts, R, Ulug, AM & **Casey, B.J.** (2003). Parametric Manipulation of Conflict and Response Competition using rapid mixed-trial event-related fMRI. *Neuroimage*, 20, 2135-2141.
 40. Fossella, J.A., Bishop, S. & **Casey, B.J.** (2003). Exploring Genetic Influences on Cognition: Emerging Strategies for Target Validation and Treatment Optimization. *Current Drug Targets - CNS & Neurological Disorders*, 2, 357-362.
 41. **Casey, B.J.**, Davidson, M.C., Hara, Y., Thomas, K.M., Martinez, A., Galvan, A., Halperin, J.A., Rodríguez-Aranda, C.E. & Tottenham, N. (2004). Early development of subcortical regions

involved in noncued attention switching. *Developmental Science*, 7, 534–542

42. Davidson, M.C., Horvitz, J.C., Tottenham, N., Fossella, J.A., Watts, R., Ulug, A.M., **Casey, B.J.** (2004). Investigation of neural circuitry modulated by stimulus predictability. *Neuroimage*, 23, 1039-1045.
43. Forman, S.D., Dougherty, G.G., **Casey, B.J.**, Siegle, G.J., Braver, T., Barch, D.M., Stenger, V.A., Wick-Hull, C., Pisarov, L.A., Lorensen, E. (2004). Opiate addicts lack error-dependent activation of rostral anterior cingulate. *Biological Psychiatry*, 55, 531-537.
44. Munakata, Y., **Casey, B.J.**, & Diamond, A. Developmental cognitive neuroscience: Progress and potential. *Trends in Cognitive Sciences*. 2004; 8: 122-127.
45. **Casey, B.J.**, Galvan, A & Hare, T Changes in cerebral functional organization during cognitive development. *Current Opinions in Neurobiology*. 2005; 15: 239-244.
46. **Casey, B.J.**, Tottenham, N & Durston, S Imaging the developing brain: what have we learned about cognitive development? *Trends in Cognitive Sci*, 2005; 9: 104-110.
47. Amso, D, Davidson. MC, Johnson, SP, Glover, G, **Casey, B.J.** (2005). Contributions of the Hippocampus and the Striatum to Simple Association and Frequency-Based Learning. *Neuroimage*, 27:291-298.
48. Durston S, Fossella, JA, **Casey, B.J.**, Hulshoff Pol, HE, Galvan, A, Schnack, HG, Steenhuis, MP, Minderaa, RB, Buitelaar, JK, Kahn, RS, van Engeland, H. (2005). Differential effects of DRD4 and DAT1 genotype on fronto-striatal gray matter volumes in a sample of subjects with Attention Deficit Hyperactivity Disorder, their unaffected siblings and controls. *Molecular Psychiatry*, 10 (7), 678-85.
49. Galvan, A, Hare, T, Spicer, J, Davidson, M, Glover, G & **Casey, B.J.** (2005). The role of basal ganglia thalamocortical circuitry in reward magnitude-based learning. *Journal of Neuroscience*, 25(38), 8650–8656.
50. Hare, TA & **Casey, B.J.** (2005). The neurobiology and development of cognitive and affective control. *Cognition, Brain, Behavior*, 9, 273-285.
51. Hare, TA, Tottenham, N, Davidson, MC, Glover, GH & **Casey, B.J.** (2005). Contributions of amygdala and striatal activity in emotion regulation. *Biological Psychiatry*, 57, 624–632
52. Ladouceur, C.D., Dahl, R.E., Williamson, D.E., Birmaher, B., Ryan, N.D., & **Casey, B.J.** (2005). Altered emotional processing in pediatric anxiety, depression, and comorbid anxiety-depression. *Journal of Abnormal Child Psychology*, 33(2), 165-177.
53. Nigg, J. & **Casey, B.J.** (2005). An integrative theory of attention-deficit/ hyperactivity disorder based on the cognitive and affective neurosciences. *Dev and Psychopath*, 17, 785-806.
54. Noble K.G., Tottenham N., **Casey B.J.** (2005). Neuroscience perspectives on disparities in school readiness and cognitive achievement. *Future Child*, 15(1), 71-89.
55. Zhang, L., Thomas, K.M., Davidson, M.C., **Casey, B.J.**, Heier, L.A., Ulug, A.M. (2005). MR Quantitation of Volume and Diffusion Changes in the Developing Brain. *Amer J Neuroradi*, 26, 45-49.
56. Amso, D. & **Casey, B.J.** (2006). Beyond what develops when: neuroimaging may inform how cognition changes with development. *Current Directions in Psych Science*, 15(1):24-29.
57. Bishop, S.J., Cohen, J.D., Fossella, J.A., **Casey, B.J.** & Farah, M.J. (2006). COMT genotype influences prefrontal response to emotional distraction. *Cognitive, Affective and Behavioral Neurosciences*, 6(1), 62-70.

58. **Casey, BJ** & Durston, S (2006) From Behavior to Cognition to the Brain and Back: What Have We Learned From Functional Imaging Studies of ADHD. *American Journal of Psychiatry* 163(6):957-60
59. Durston, S. & **Casey, B.J.** (2006). What have we learned about cognitive development from neuroimaging? *Neuropsychologia*, 44(11), 2149-2157.
60. Durston, S., & **Casey, B.J.** (2006). A Shift from Diffuse to Focal Cortical Activity with Development: the authors' reply. *Developmental Science*, 9:1, 18-20.
61. Durston, S., Davidson, M.C., Tottenham, N., Galvan, A., Spicer, J., Fossella, J.A. & **Casey, B.J.** (2006). A shift from diffuse to focal cortical activity with development. *Developmental Science*, 9:1, 1-8.
62. Durston, S., Mulder, M., **Casey, B.J.**, Ziermans, T. & van Engeland, H. (2006). Activation in ventral prefrontal cortex is sensitive to genetic vulnerability for ADHD. *Biological Psychiatry*, 60(10), 1062-70.
63. Eigsti, I-M, Zaya, V, Mischel, W, Shoda, Y, Ayduk, O, Dadlani, MB, Davidson, MC, Aber, JL & **Casey, B.J.** (2006). Attentional control in preschool predicts cognitive control at age eighteen. *Psychological Science*. 17(6), 478-84.
64. Fossella, JA & **Casey, B.J.** Genes, Brain and Behavior: Bridging Disciplines. *Cognitive, Affective and Behavioral Neuroscience* (2006).
65. Galvan, A, Hare, T, Parra, CE, Penn, J, Voss, H, Glover, G & **Casey, B.J.** (2006). Earlier development of the accumbens relative to Orbitofrontal cortex may underlie risk taking in adolescence. *Journal of Neuroscience*, 26(25), 6885-6892.
66. Kotsoni, E, Byrd, D & **Casey, BJ** (2006). Special Consideration for functional magnetic resonance imaging of Pediatric Populations. *Journal of Magnetic Resonance* Jun;23(6):877-86. PMID: PMC3014526
67. Ladouceur CD, Dahl RE, Williamson DE, Birmaher B, Axelson DA, Ryan ND, **Casey BJ.** (2006). Processing emotional facial expressions influences performance on a Go/NoGo task in pediatric anxiety and depression. *J Child Psychol Psychiatry*. 47(11), 1107-15.
68. Liston, C, Watts, R, Tottenham, N, Davidson, M, Niogi, M, Ulug, A & **Casey, B.J.** (2006). Frontostriatal microstructure predicts individual differences in cognitive control. *Cerebral Cortex*, 16:4, 553-560.
69. Liston, .C, Matalon, S., Hare, T.A., Davidson, M.C., **Casey, B.J.** (2006). Anterior cingulate and posterior parietal cortices are sensitive to dissociable forms of conflict in a task-switching paradigm. *Neuron*, 50(4):643-53. PMID: 16701213
70. Scerif, G., Worden, M.I., Yu, J., **Casey, B.J.** (2006). Context modulates early stimulus-processing when resolving stimulus-response conflict. *J of Cog Neurosc.* 18:5, 781-792.
71. Spicer, J., Galvan, A., Hare, T.A. Voss, H., Glover, G. & **Casey, B.J.** (2006). Sensitivity of the nucleus accumbens to violations in expectation of reward. *Neuroimage*, 34, 455-9.
72. Swanson, J. M., Volkow, N. D., Newcorn, J., **Casey, B.J.**, Moyzis, R., Grandy, D. and Posner, M. 2006. Attention Deficit Hyperactivity Disorder. *Encyclopedia of Cognitive Science*. DOI: 10.1002/0470018860.s00416
73. Amso, D., & **Casey, B. J.** (2007). The development of cognitive control. *The New Encyclopedia of Neuroscience*. Larry Squire (Ed.). Elsevier.
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22. Caudle, K & **Casey, BJ** (2013) Brain Development and the Risk for Substance Abuse. In Nestler, E & Charney, D (Eds) *Neurobiology of Mental Illness*, 4th Edition.
23. Bhide, P, Kosofsky, B, **Casey, BJ** (2014) The Teen Brain: Think Differently? Editors of *Special Issue of Developmental Science*
24. **Casey BJ** & Galvan, A (2017) The Teen Brain: "Arrested Development" in Resisting Temptation. In T Braver (Ed) *Cognitive Control and Motivation*.
25. Cohen, A & **Casey, BJ** (2017). The neurobiology of adolescent self control. In T Egner (Ed). *Handbook of Cognitive Control*.
26. Heitzeg, M & **Casey, BJ** (2018) Brain Development and the Risk for Substance Abuse. In Nestler, E & Charney, D (Eds) *Neurobiology of Mental Illness*, 5th Edition.
27. Ruiz, SG, **Casey, BJ**, Baskin-Sommers, A (in press) Brain Development and the Risk for Substance Abuse. In Nestler, E & Charney, D (Eds) *Neurobiology of Mental Illness*, 6th Edition.

G. Patents

5006-04-US - U.S. Patent Application Serial No.: 14/633,634 - SSMP Docket: 28185Z, *Method for identifying increased risk of anxiety disorders*; Lee, FS & Casey, BJ (2015/6/18).

H. Teaching and Mentoring

Weill Cornell Medical College courses

<i>Brain and Mind</i> for medical students – Lecturer and Lab Instructor	2000-2016
<i>Meet the Faculty</i> for graduate students– Lecturers and/or Instructor	2001-2016

<i>From Neuron to Brain</i> for graduate students – Lecturer and/or Instructor	2001-2016
<i>Introduction to Applied Statistics</i> for graduate students - Instructor	Spring 2004
<i>Progress in Neuroscience Seminar</i> for graduate students – Instructor	2004-2012
<i>Molecules, Genes & Cells</i> for graduate students – Instructor/Facilitator	2004-2006
<i>Psychopharmacology</i> for PGY II Residents -Lecturer	2005-2016
<i>Ithaca-Weill Graduate Development and Learning Seminar-</i> Co-Instructor	2006-2010
<i>Neurobiology of Neural Diseases</i> for graduate students – Instructor	2011
<i>Scientific Frontiers</i> for MD PhD students	2011-2016
<i>Neuroscience and Journalism</i> for graduate students - Instructor	2012
<i>Developmental Neuroscience</i> for residents of Psychiatry - Lecturer	2012-2016
<i>Meet the Scientists</i> for residents of Psychiatry- Lecturer	2015-2016

Yale University courses

<i>Adapted or Arrested Development of the Adolescent Brain</i> –Instructor	2016-2021
<i>Fundamentals of the Adolescent Brain Research</i> – Lab Instructor	2016-2022
<i>Research in the Fundamentals of the Adolescent Brain</i> – Thesis Instructor	2016-2022
<i>Developmental Psychopathology and Sensitive Periods</i> –Instructor	2017-2019
<i>History and Systems</i> – Graduate Lecturer	2017
<i>Current Work in Clinical Neuroscience-</i> Instructor	2017-2018
<i>Biological Bases of Human Behavior-</i> Lecturer	2017-2021
<i>Foundations of Systems Neuroscience-</i> Lecturer	2018-2021
<i>Introduction to Psychology-</i> Undergrad Lecturer	2018
<i>Brain Development, Law and Policy-</i> Instructor	2019-2022
<i>Current Work in Behavior, Genetics and Neuroscience-</i> Instructor	2020-2021
<i>Introduction to Neuroscience-</i> Instructor	2022-present
<i>Adapted or Arrested Development of the Adolescent Brain</i> –Instructor	2023

Barnard College

<i>Introduction to Neuroscience-</i> Instructor	2022-present
<i>Adapted or Arrested Development of the Adolescent Brain</i> –Instructor	2023-present

Pre and Postdoctoral Trainees

Trainee	Training I	Training Period	Title of Research Project	Current Position or source of funding
K.M. Thomas*	Post	1999-2001	Effects of IVH on cognitive control	Professor, Univ Minnesota
I. M. Eigsti	Post	2001-2004	Attention and learning in ASD	Professor, UConn
S. Durston	Pre	2001-2003	Development of cognitive control	Professor, Medical U. of Utrecht
N. Tottenham	Pre	2001-2005	Development of affective neural systems	Professor, Columbia University
M. Davidson	Post	2002-2005	Basal ganglia and cerebellar signals of prediction error	Lecturer, UMass Amherst
A. Galvan	Pre	2002-2006	Science of adolescent risk taking	Professor and Dean, UCLA
T A. Hare	Pre	2004-2007	The adolescent brain and affective disorders	Professor, University of Zurich
C. Liston*	Pre	2004-2006	Effects of stress on prefrontal cortex in rodents and humans	Associate Professor, Weill Cornell Medical College
K. Bath	Post	2005-2008	Adolescent mouse studies on stress	Associate Professor, Columbia University /NYSPI
F. Soliman	Pre	2007-2010	Neural and genetic basis of fear extinction	Radiologist, New York Presbyterian Hospital

R. M. Jones	Pre	2007-2012	Peers as conditioned reinforcer for teens	Data Analytics, Imagen Technologies
S. Duhoux	Post	2007-2009	Cued fear extinction learning in adolescents	Director, Medical Affairs, Tris Pharma
T Teslovich	Pre	2008-2012	Impact of rewards on decision making in teens	Director of Learning Science & Research at Branching Minds, Inc.
L.H.Somerville*	Post	2009-2012	Social and affective adolescent development	Professor, Harvard University
A. Drysdale	Pre	2010-2013	Impact of genetic variation on frontolimbic function and dev	MD PhD Psychiatry Resident, Washington University
A. Heller	Post	2012-2013	Temporal neurodynamics of emotional processes across age	Associate Professor University of Miami
D. Johnson	Pre	2010-2015	Memory reconsolidation in adolescents	Assistant Professor York College, CUNY
F. Lorenzo	Pre	2010-2015	Effects of peers on learning	McKinsey & Co. Consultant
C. Helion	Pre	2012-2014	Common and distinct signatures of emotion regulation and reappraisal	Assistant Professor Temple University
A.O. Cohen	Pre	2012-2017	When is an adolescent an adult (NSF fellow)	Postdoctoral Fellow, NYU
M.D. Dreyfuss	Pre	2014-2017	Neural correlates of Eating- problem behavior	Medical Domain Expert, K Health
A Li	Pre	2014-2017	Social learning in mice and humans	MD PhD Tri-Institutions: Weill Cornell, Rockefeller and MSK
Cate Hartley	Post	2014-2016	Model-free and model-based learning	Associate Professor, NYU
D. Gee*	Post	2015-2016	Effects of FAAH genotype on brain development and function	Associate Professor, Yale
E. Rubien-Thomas	Pre	2015-2022	Impact of threat on interracial reactions	NSF Fellowship
M. Rosenberg	Post	2017-2019	Connectome based predictive modeling of attention and memory across age	Assistant Professor U Chicago
M. Conley	Pre	2018-2022	Impact of environmental factors on adolescent mental health	Arts and Sciences, Yale
K. Rapuano	Post	2018-2022	Development of neural predictors of risk behavior	NIH R01 grant on FTO gene and obesity
L. Skalaban	Pre	2019-2022	"Forgetting" across the lifespan	NSF Fellowship
E. Busch	Pre	2020-2022	"Fine-grained Functional Connectivity in MZ and DZ twins	NSF Fellowship (co-mentor N. Turk-Browne)
C. Simmons	Pre	2020-2022	"Adolescent development related to criminal behavior"	NIJ ABCD SD Substudy (co-mentor A Baskin-Sommers)

* Former K or DP5 awardee

Yale Graduate Advising

Psychology Graduate 1st Year Paper:

2016 Emily Cohodes
2016 Paola Odriozola
2016 Estee Rubien-Thomas
2017 Ajua Duker
2017 Meghan Collins
2017 Camila Cabellero
2017 Ariel Chang
2018 May Conley

Psychology Graduate 3rd Year Essay:

2016 Kevin Anderson
2016 Adam Chekroud
2017 Hannah Weinberg-Wolf
2017 Allison Stuppy
2018 Estee Rubien-Thomas
2018 Paola Odriozola
2018 Emily Cohodes
2019 Lena Skalaban
2019 Meghan Collins
2019 Camilla Cabellero
2019 Ariel Chang
2019 Ajua Duker

Psychology Dissertation Committees:

2017 Arber Tassimi
2018 Adam Chekroud
2019 Rebecca Boswell (reader)
2020 Kevin Anderson (reader, chair)
2021 Hannah Weinberg-Wolf (reader)
2021 Allison Stuppy (chair)
2021 Ajua Duker
2022 Paola Odriozola (chair)
2022 Qi Lin (chair)
2022 Rashina Seabury

Yale Interdepartmental Neuroscience Graduate Program:

Qualifying Exam and Dissertation Committees

2017-2022 Abigail Greene
2018-2022 Michael Farruggia
2019-2022 Sahana Kribakaran
2020-2022 Danielle Goldman
2020-2022 Link Tejavibulya

Yale Post Bacc Mentoring

2017-2019 Maria Robbins
2018-2019 Syntia Hadis
2018-2020 Maria Maza 2018-present
2018-2020 Joeann Salvati
2018-2020 Elizabeth Zordani
2019 Jimmy Huettig
2019-2021 Nia Berrian

2019-2021 Nick Dennis
2019-2021 Garrett Schwartz
2019-2021 Kylie Woodman
2020-2022 Emil Beckford
2020-2022 Jasmine Hernandez
2020-2022 Haley Mitchell-Adams
2021-2022 Edna Naz DInc
2021-2022 Cassie Bell
2021-2022 Nico Ruiz-Huidobro Magdits
2021-2022 Emily Bernstein
2022 Jennifer Huo

Yale Undergraduate Mentoring and Advising

Hopper College Fellow Freshman/Sophomore advisees

2019 Vanya Shivashankar (now Saybrook College)
2019 Danny Rodriguez
2019 Miles Williams
2020 Emily Brown
2020 Evelyn Chacon
2020 Olivia Walker

Yale Neuroscience Major advisees

2019 Hale Jaeger
2019 Reagan Blohowiak
2019 Mary Barnette

Yale Neuroscience Major senior theses:

2019 Nia Berrian
2019 Mila Dorji
2020 Ed Naz Dinc
2020 Brandon Scott
2021 Ivan Chan

Yale Psychology Undergraduate senior essays/theses

2019 Nia Berrian- Neuroscience senior thesis
2020 Mila Dorji-Neuroscience senior thesis
2018 Cassie Goodnight- Psychology senior essay
2019 Melanie Grad-Freilich- Psychology senior essay *with distinction*
2019 Bella Hindley- Psychology senior essay
2019 Ariel Lowrey- Psychology senior essay *with distinction*
2019 Alice Oh- Psychology senior essay *with distinction and Angier prize recipient*
2019 Cailley Silbert- Psychology senior essay
2019 Dudley Hall- Cognitive Science senior essay
2021 Annie Nields- Psychology senior thesis
2021 Miranda Papes- Psychology senior thesis
2022 Layla Lopez- Psychology senior thesis

Yale Undergraduate Research Volunteers

2016 Sophie Rader
2016 Makana Williams
2017 Elizabeth Adelson
2017 Faizah Alaoui
2017 Evin Henriquez-Groves
2021 Annie Nields
2018 Kristina Delagarza

2019 ME Cunningham
2019 Miranda Papes
2019 Brandon Scott
2020 Emil Beckford
2021 Ivan Chan
2021 Esther Choi
2021 Layla Lopez
2021 Drew Ward
2021 Kyle Ellis

Barnard College Undergraduate Research Assistants
2023 Arya Adake
2023 Hailey Koop

I. Invited Lectures

- “The right to a healthy development: Implications of developmental science for juvenile justice reform” A Joyous Celebration of Ideas, the Arts, Science, and Efforts to Make the World a Better Place in honor of Adele Diamond, Vancouver, BC July 2023
- “Emerging Issues in Neuroscience: Implications for Law and Policy”, American Association for the Advancement of Science (AAAS), Washington, DC, May 2023.
- “Adolescent Brain Development and Public Policy” UCLA Center for the Developing Adolescent Annual Symposium, Los Angeles, CA May 2023.
- “Virtual conversations from Annual Reviews and *Knowable Magazine*, on the brain across the lifespan” April 2023 (remote)
- “Transfer/Waiver: Applying developmental and neuroscientific research to youth and emerging adults” at Center for Law, Brain and Behavior Webinar, April 2023. (remote)
- “The Beautiful Adolescent Brain” Academy of Teachers, Early Career Fellows Lecture, New York, NY February 2023,
- “Healthy development as a human right: Insights from developmental cognitive neuroscience”. Weill Cornell Medical College, Psychiatry Department colloquium January 2023 (remote)
- “Cognitive Neuroscience in an Age of Discovery” Psychology Colloquium, Columbia University, New York, NY October, 2022
- “Justice and the Developing Brain” Seminars in Society and Neuroscience” Columbia University, New York, NY September 2022
- “An Age of Discovery: Insights from Developmental Cognitive Neuroscience” SRP keynote Philadelphia, PA September 2022
- “Healthy Development as a Human Right: Insights from Cognitive Neuroscience” APA 2022 Distinguished Scientific Contribution Award Address, Minneapolis, MN August 2022
- “The Future of Science on Youth: Multiple Systems of Development” APA 2022 Convention Summit on Science, Minneapolis, MN August 2022
- “Cognitive Neuroscience in an Age of Discovery”, George A Miller Prize lecture, Cognitive Neuroscience Society, San Francisco, CA, April 2022
- “Cognitive Neuroscience in an Age of Discovery” Temple University, Neuroscience Seminar Series, Philadelphia, PA, March, 2022.
- “Cognitive Neuroscience in an Age of Discovery” Vanderbilt Brain Institute, Nashville, TN February 2022 (remote).
- “Cognitive Neuroscience in an Age of Discovery”, Georgia Tech Neuroscience Seminar Series, Atlanta, GA, January 2022 (remote)

“Barnard’s Year of Science -The Adolescent Brain Symposium”, Barnard College, New York, NY, December 2021

“Barnard’s Year of Science - Innovations in Cognitive Neuroscience” Symposium, Barnard College, New York, NY, October 2021

“Healthy development as a human right: Insights from developmental neuroscience”. NIMH Training Day keynote lecture, September 2021 (remote)

“Treating the developing vs developed brain: Insights from human imaging and rodent studies” 25th anniversary celebration symposium of psychological discoveries, APS May 2021 (remote)

“Healthy development as a human right: Insights from developmental neuroscience”. Society for Research on Child Development (SRCD) invited lecture, April 2021 (remote)

“Healthy development as a human right: Insights from developmental neuroscience”. Brainy Days invited symposium, Florida Atlantic University, March 2021 (remote)

“Development Cognitive Neuroscience in an Age of Discovery”, Dartmouth College, Hanover, NH February 2021 (remote)

“Making the sentencing case: Applying developmental and neuroscientific research to youth and emerging adults” Webinar, Juvenile Law Center and Arizona Capital Representation Project, August 2020. (remote)

“The teen brain: Half-baked or well done”, Parents and Science Program, The Rockefeller University, New York, NY March 2020

“Development Cognitive Neuroscience in an Age of Discovery”, Barnard College, New York, NY February 2020

“Healthy Development as a Human Right: Insights from Developmental Neuroscience for Juvenile Justice” Brain Institute Celebration of Neuroscience, FAU, (cancelled due to COVID pandemic)

“Your Brain on Adolescence”, Woodland for Women E3 conference, Woodland High School, Beacon Falls, CT November 2019

“When does a child become an adult in the justice system? Implications from developmental science” The Joyce Foundation, Chicago, IL December 2019

“Developmental Cognitive Neuroscience: We’ve come a long way baby, or have we? Huttenlocher Award Lecture, Flux Congress, New York, NY September 2019

“Arrested Development or Adaptive? The Adolescent and Self Control” Keynote lecture at the International Conference on Psychological Science Paris, France, March 2019

“The adolescent brain” The Development Office, Yale, New York, NY, February 2019

“The emerging adult brain: Clinical Implications from neuroscience” Psychiatry Grand Rounds, Yale, New Haven, CT, February 2019

“When is an Adolescent an Adult? Implications for Justice Policy” *The David Kopf Featured Lecture on Neuroethics at SFN San Diego, CA, November 2018.*

“Arrested or Adaptive Development of the Teen brain”, Yale University Woman’s Organization (YUWO), West Haven, CT, October 2018

“Life after ABCD” Mentoring lecture for Research Staff of ABCD study, Videoconference, October 2018

“When is an Adolescent an Adult? Implications for Social and Legal Policy from Developmental Science” Neuroscience School of Advanced Studies, Venice, Italy, September 2018.

“Preparing for Graduate School: Applications and Interviews”, Adolescent Research Seminar Series, New Haven, CT September 2018

“ABCD Study: Overview of Imaging Protocol” ABCD annual Train the Trainer (TtT), San Diego, CA, May 2018

“The emerging adult brain: Clinical Implications from neuroscience” SOBP Neuroscience for Prime Time, NY, NY, May 2018

"Imaging Emotion, Reward and Cognition in the Developing Brain: Preliminary Results" *APA 2018 ABCD Study Symposium*, NY, NY, May 2018

"Mind Race: Roundtable on Neuroscience, Race and the Law". NYU Law School, February, 2018.

"The adolescent brain: "Arrested" or adaptive development" Invited speaker, Symposium on The Young Mind and Brain. Dartmouth, NH, September 2017.

"Dynamic Changes in Endocannabinoid Signaling During Adolescence: Implications for Substance Abuse and Psychopathology" Invited speaker, Marijuana and Child Development Symposium. The Teratology Society, Denver, Co, June 2017

"Treating the Biological State of the Developing Brain" McKnight Neuroscience Meeting, Keynote, Aspen, CO, June 9, 2017

"Treating the Biological State of the Developing Brain: Implications from Preclinical Human and Animal Studies" *Festschrift for Dr. Judy Rapoport, NIMH, Bethesda, MD April 17, 2017*"

"Self Control: When social and affective processes overshadow cognitive processes" SANS Invited Lecture, Los Angeles, CA, March 18, 2017

"Treating the Developing Brain: Implications from Preclinical Human and Mouse Studies" Grand Rounds, NYU Child Study Center, New York, NY, March 3, 2017

"The Adolescent Brain and Cognitive Development: An Overview" New Haven Public Schools, District Wellness Committee, New Haven, CT, February 21, 2017

"The Adolescent Brain: Arrested or Adaptive Development" Justice Collaboratory Invited Talk, Yale Law School, New Haven, CT, February 20, 2017

"The Adolescent Brain: Arrested or Adaptive Development" Invited Lecture, Community Health Educators, New Haven, CT, February 13, 2017

"The Adolescent Brain: Arrested or Adaptive Development" INS Invited Workshop, New Orleans, LA, February 1, 2017

"Early Life Stress on Frontolimbic Function and development" Kavli Symoisum, Salk Institute December 2, 2016

"Treating the Biological State of the Developing Brain" Kavli Symoisum, Salk Institute December 3, 2016

"ABCD Study: Functional Imaging Acquisition Update" ABCD annual meeting, San Diego, November 2016"

"Impulsivity under threat in outgroup encounters" MacArthur Research Network on Law and Neuroscience, San Diego, November 2016

"When is an adolescent an adult" MacArthur Research Network on Law and Neuroscience, San Diego, November 2016

"Parent-child relationships in the shadow of childhood adversity Workshop" Child Study Center, Yale University, New Haven, CT November 2016

"Individual differences in frontolimbic circuitry and function with adolescent changes in endocannabinoid signaling across species" CID Symposium, Utrecht University, The Netherlands, October 2016

"Arrested or Adaptive Development of the Adolescent Brain", Calgary University, October 2016

"The Adolescent Brain: Arrested or Adaptive Development", Invited Lecture, Utrecht University, The Netherlands, October 2016

"The Adolescent Brain: Arrested or Adaptive Development" MRRC Invited talk, Yale Medical School, New Haven, CT, September, 2016

"Self Control and the Adolescent Brain" Ann Brown Award Lecture, University of Illinois, Champaign, IL, December 2015

"The Adolescent Brain: Arrested or Adaptive Development? DIBS Colloquium, Duke University, Durham, NC, December 2015

“Self Control and the Adolescent Brain” Colloquium, Boston University, Boston MA, November 2015

“Treating the Developing Brain: Implications from Preclinical Human and Mouse Studies”, Colloquium, Yale University, New Haven, CT, November 2015

“Treating the Developing versus the Developed Brain” BBRF Awards Symposium, New York, NY October 2015

“Cognitive Capacity of Young Adults” Temple Law Review Symposium, Philadelphia, PA Oct. 2015

“The Cognitive Neuroscience of Adolescent Self Control” Summer Institute on Cognitive Neuroscience, Santa Barbara, July 2015

“Beyond simple models of Adolescent Self Control to a Circuit-based Model” Keynote address, Organization of Human Brain Mapping, Hawaii, June 2015

“The adolescent Brain and Self Control” Presidential Symposium, American Psychological Association, New York, May 2015

“The Adolescent Brain” The State of Juvenile Justice” Invited keynote, VERA Institute of Justice, Capital Hill, September 2014

“Development of Fear Regulation: From mouse to Human” Invited Keynote, Reading University, Reading, UK, June, 2014

“The Adolescent Brain and Juvenile Justice Reform” Washington State Supreme Court, Olympia, Washington, May 2014

“Adolescent Brain and Self Control” Kavli Foundation Lecture on Neuroscience and Public Policy, Madison, WI, May 2014

“Effects of Early Adversity on Frontolimbic Function and Development”, The Picower Institute for Learning and Memory Symposium on Early Life Stress on Mental Health, MIT, Cambridge, MA, May 2014

“Development of Fear: Evidence from Mouse to Human” Scientific Frontiers Lecture, APA, New York, NY May, 2014

“Development of Fear Regulation: From Mouse genetics to human imaging” ,Current Work in Clinical Psychology Series, Yale University, New Haven Conn., April 2014

“Development of Fear: Evidence from Mouse to Human” Invited Keynote, Eastern Psychological Association, Boston MA, March, 2014

“The Adolescent Brain and Risk for Anxiety” Clinical Symposium on Psychiatric and Neurological Disorders, NYAS, Doha, Qatar, March 2014

“Emotion Regulation Development: From Human Imaging to Mouse Genetics” EADP-APS symposium, Lausanne, Switzerland, September, 2013

“ Developmental Neuroscience and Juvenile Justice” American Board Association workshop, Chicago, IL, April 2013

“Development of Fear Processes: From Human Imaging to Mouse Genetics” Master Lecture SRCD Conference Seattle, WA April 2013

“Developmental Neuroscience and Criminal Responsibility” CNS Symposium, San Francisco, CA, April 2013

“Adolescence and Risk for Anxiety” ARNMD Conference, Rockefeller University, NY December 2012

“Development of Fear: Human Imaging to Mouse Genetics” Salmon Lecture, NYAM, NY December 2012

“Development of Fear Processes: From Human Imaging to Mouse Genetics” Waisman Institute, UW-Madison, WI November 2012

“Your Brain on Adolescence” lecture, Columbia University, NY November 2012

“Development of Fear Processes: From Human Imaging to Mouse Genetics” MIT colloquium MA September 2012

“Risk Factors for Brain and Behavioral Disorders in Children and Adolescents”, BBRF, NY, May 2012

“Anxiety, Stress and the Adolescent Brain. Stress Symposium, Hunter College, NY March 2012

“Neural Correlates of Self Control across 40 yrs later” Brown University, RI March 2012

“Neural Correlates of Self Control across the life span” U Maryland, MD March 2012

“Risk for Anxiety in Adolescence: Insights from human imaging to mouse genetics” UCLA, CA January 2012

“The Myths of Adolescence: Insights from human imaging to mouse genetics “ Jeffrey Lecture UCLA, CA January 2012

“The Developing Brain” American Museum of Natural History, New York, NY, February 2011

“The Adolescent Brain: Insights from human imaging to mouse genetics” Hebb Lecture, Halifax Canada 2010

“The Adolescent Brain: Insights from human imaging to mouse genetics” MGH, Charlestown, MA February 2010

“New discoveries with pediatric and genetic imaging” University of Maryland Imaging Advisory Board, College Park, MD, February 2010

“The Adolescent Brain” Grand Rounds, NYU Medical College, New York, NY January 2010

“A Neurodevelopmental Model of Adolescence” Neuroscience Retreat-Keynote Speaker, Augusta Medical College, Augusta, GA Oct 2009

“Sturm and Dang: The Adolescent Brain” Challenges of Pediatric Imaging Workshop, Academy of Sciences, Amsterdam, The Netherlands April 2009

“The Adolescent Brain and Risk for Psychopathology” Colloquium, Duke University, NC April 2009

“Importance of Development in Gene X Environment Interactions” Gene X Environment Symposium, Invited Talk, U Penn, PA 2009

“Adolescent Brain and Risky Decisions” Board on Children, Youth, and Families:
The National Academies Invited Lecture. Washington, D.C., November 2008.

“Understanding Neural Circuitry in Human Brain Development” Winter Meeting on Developmental Psychobiology, Cozumel, Mexico January 2008.

“ The Adolescent Brain” NYAS Symposium at the Royal Institute of British Architects, London, England, December 2007.

“Adolescent Brain and Behavior” Board on Children, Youth, and Families:
The National Academies Invited Lecture. Washington, D.C., November 2007.

“New potential leads in the biology and treatment of ADHD. AACAP Symposium, Boston MA, October 2007

“Human Brain Development, Law and Public Policy“ ASTAR Lecture, Johns Hopkins University, Baltimore, MD, October 2007

“New potential leads in the biology and treatment of ADHD. NARSAD Symposium, New York, NY, October 2007

“Genes, Brain and Behavior: Understanding Human Development“ University of Edinburgh, Edinburgh, Scotland, July 2007

“Tutorial on Human Brain Imaging of Development” Course Lecture, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY, June 2007

“Human Brain Development and Behavior” Course Lecture, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY, June 2007

“Cognitive Neuroscience of Human Development”, Educational Workshop, Organization for Human Brain Mapping, Chicago, IL June 2007.

"The Adolescent Brain" NIDA Sponsored APA Symposium, San Diego, CA May 2007.

"The Adolescent Brain: Impulsive or Risky?" Colloquium, Stanford University, Palo Alto, CA May 2007.

"The Adolescent Brain" Colloquium, Rochester University, Rochester, NY April 2007.

"The Adolescent Brain: Impulsive or Risky?" Colloquium, USC, Columbia, SC, April 2007.

"The Adolescent Brain" Colloquium, Rutgers University, Piscataway, NJ, April 2007.

"New Insights on the Biology and Treatment of ADHD" Grand Rounds, Vancouver BC March 2007.

"The Adolescent Brain: Impulsive or Risky?" Colloquium, Vancouver BC March 2007.

"The Adolescent Brain" Colloquium, University of Minnesota, Minneapolis, MN March 2007.

"Specifying Endophenotypes of Cognitive and Affective Processing." Invited Lecture, NIMH R21 Network Meeting, Chicago, February 2007

"Genes, Brain and Behavior under Stress." Symposium Organizer, Winter Conference on Developmental Psychobiology, Costa Rica, January 2007

"Impulsivity, Pleasure Seeking and the Adolescent Brain" Psychology Colloquium, New York, NY December 2006

"The Adolescent Brain and Risk for Substance Abuse." Invited Talk, Public Health, Weill Cornell Medical College, New York, NY November 2006

"Imaging Approaches to Understanding Behavioral and Brain Development." NIH Blue Print Meeting on Neurodevelopment, Bethesda, MD November 2006

"Learning to Hear: From Songbird to Human." Symposium Organizer, New York Academy of Sciences, New York, NY, June 2006

"The Adolescent Brain: Impulsive or Risky?" Grand Rounds, Yale University, New Haven CT, October 2006

"The Adolescent Brain: Impulsive or Risky?" Psychiatry Grand Rounds, Weill Cornell Medical College, New York, NY, September 2006

"Cognitive Neuroscience of Human Development", Educational Workshop, Organization for Human Brain Mapping, Florence, Italy June 2006.

"Genes, Brain and Behavior under Stress." Symposium Organizer, New York Academy of Sciences, New York, NY, June 2006

"Implications of Frontostriatal and Frontocerebellar Circuitry in Developmental Disabilities", Invited Graduate Faculty Seminar Series, Weill Medical College of Cornell, February 2006

"Reward Neurocircuitry in Adolescent Development and Decision Making" Invited NIMH, NIDA, NICHD Workshop Presentation, NIH, Rockville, MD, January 2006

"Development and Disruption of Frontostriatal and Frontocerebellar Circuitry", Invited NIH Director's Seminar Series, NIH, Rockville, MD January 2006

"Development of Frontostriatal and Frontocerebellar Circuitry and their disruption in Psychiatric Disorders" Ellison Medical Foundation, NYAS, New York, New York, January 2006

"Neural Mechanisms underlying High Risk Behaviors in Adolescents" Psychiatry Grand Rounds, Columbia, October, 2005

"Biology of Developmental Disabilities" John Merck Fund Summer Institute, Director, Princeton University, Princeton, NJ July 2003

"Neuroimaging Studies of Typical Brain Development" Invited NIH sponsored Symposium, Organization for Human Brain Mapping, Toronto, Canada, June 2005

"What Changes with Learning and Development", Invited Lecture, Free University, Amsterdam, The Netherlands, April 2005

"Windows into the Developing Human Brain" Distinguished Community Lecture UC-Davis, Sacramento, CA March 2005

“Typical and Atypical Development of Cognitive and Neural Systems“ Distinguished Scientific Lecture, UC-Davis, Sacramento, CA, March 2005

“What Changes with Learning and Development” Colloquium, Rutgers, New Brunswick, NJ, March 2005

“Emotion: The Good, the Bad and the Learned” Symposium Organizer, New York Academy of Sciences, New York, NY February 2005

“Imaging Cognitive Development” NRDC Invited Address, UNC-Chapel Hill, NC, September 2004

“What have we Learned about Development with Imaging” Attention and Performance, Flat Irons, Colorado, July 2004

“Biology of Developmental Disabilities” John Merck Fund Summer Institute, Director, Princeton University, Princeton, NJ July 2004

“Social Disparities and Brain Development” Invited Lecture, Berkeley, CA, May 2004

“Development of Cognitive Control” NIH Workshop, Bethesda, MD, May 2004

“ Development and Disruption of Cognitive Control” Colloquium, Harvard, Cambridge, MA, April 2004

“Imaging and Genes in Cognitive Neuroscience” Symposium, Cognitive Neuroscience Society Meeting, San Francisco, CA April 2004

“Clinical, Imaging and Genetic Studies of Cognitive Control“ Colloquium, MIT, Cambridge, MA, March 2004

“Disruption and Development of Cognitive Control” Pediatric Grand Rounds, Weill Medical College, NY, NY, February 2004

“How Neuropsychology informs Neuroimaging Studies” Invited Symposium, International Neuropsychological Society, Baltimore MD February 2004

“Clinical, Imaging and Genetic Studies of Cognitive Control” Colloquium, Princeton University, Princeton, NJ January 2004

“Frontostriatal and Frontocerebellar Circuits underlying Cognitive Control” Colloquium, Vanderbilt University, Nashville, TN, October 2003

“Biology of Developmental Disabilities” John Merck Fund Summer Institute, Director, Princeton University, Princeton, NJ July 2003

“Developmental and Individual Differences in Cognitive Control” Posner Festschrift, Eugene Oregon, May 2003

“Biological Basis and Development of Cognitive Control” Colloquium, UC-Berkeley, Berkeley, CA April 2003

“The Development, Disruption and Neurobiology of Cognitive Control” RIKEN-MIT Neuroscience Symposium, sponsored by MIT’s Picower Center for Learning and Memory, Boston, MA, March 2003

“Disruption of Cognitive Control in ADHD: Lesion, Imaging and Genetic Studies” Colloquium, Michigan State University, March 2003

“Converging Methods Approach to Understanding Developmental Disabilities” Colloquium, Seashore House/Childrens Hospital, Philadelphia, PA, February 2003

“Windows into the Developing Human Brain” Colloquium, Cornell University, Ithaca, NY, February 2003.

“Biology of Developmental Disabilities” Course Instructor, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, June-July 2002

“Frontostriatal Circuitry and Cognitive Control: Evidence from Clinical, Imaging, Lesion and Genetic Studies, Colloquium, Mount Sinai Hospital, New York, NY May 2002.

"Disruption of Inhibitory Control in Developmental Disorders: Clinical, Neuroimaging, and Lesion Studies " Colloquium, Vanderbilt University, Nashville, Tennessee, March 2002.

"Frontostriatal Circuitry and Cognitive Control: Evidence from Clinical, Imaging, Lesion and Genetic Studies, Colloquium, New York University, October 2001

"Neuropsychological Probes of Prefrontal Function", Research Fellows Lectures, Columbia University, October 2001

"Biology of Developmental Disabilities" Course Instructor, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, July-August 2001

"Development and Organization of Prefrontal Cortex" Invited Symposium, Biennial Meeting for the Society for Research on Child Development, Minneapolis, MN, April 2001

"Disruption of Inhibitory Control in Developmental Disorders: Clinical, Neuroimaging, and Lesion Studies " Colloquium, Institute for Research in Cognitive Science, University of Pennsylvania, Philadelphia, PA, February 2001.

"Clinical, Neuroimaging and Lesion Studies of Cognitive Control" Colloquium, Psychology Department, NYU, New York, NY, February 2001.

"Frontostriatal Circuitry and Developmental Disorders" Invited Lecture, The Association for Research in Nervous and Mental Disease, New York, NY, December 2000.

"Neural Correlates of Cognitive Development: Behavioral, Lesion and Imaging Studies" Invited Symposium, International Society for Developmental Psychobiology, New Orleans, LA, Nov 2000.

"Mechanisms of Inhibitory Control in Developmental Disorders" Grand Rounds, Department of Psychiatry, Weill Medical College of Cornell University, New York, NY, October 2000.

"Striatal Disruption in Attention Deficit-Hyperactivity Disorder" Institute Lecture, American Association of Child hood and Adolescent Psychiatry, New York, NY, October 2000.

"Development of Inhibitory Control: Neuroimaging and Lesion studies" Invited Lecture, McDonnell Cognitive Neuroscience Summer Institute, Dartmouth, NH, June 2000.

"Imaging the Developing Human Brain: What have we learned?" Invited Presidential Symposium, Organization for Human Brain Mapping, San Antonio, Texas, June 2000.

"Disruption of Inhibitory Control in Developmental Disorders: Clinical, Neuroimaging, and Lesion Studies." Grand Rounds, Department of Psychiatry, Columbia University, New York, NY, May 2000.

"Imaging the Child's Brain: What have we learned?" Symposium, Cognitive Neurosc Society Meeting, San Francisco, CA April 2000.

"Disruption of Inhibitory Control in ADHD: Neuroimaging and Lesion Studies" Interdisciplinary Research on ADHD Workshop, NIMH, Bethesda, MD March 2000.

"Developmental fMRI Studies of Memory and Inhibition" Invited Lecture, NIMH, NINDS, NICHD Joint Workshop on Pediatric Neuroimaging, Leesburg, VA, October 1999

"Inhibitory Mechanisms of Attention: Developmental, Clinical, and Neuroimaging Studies." Neurology Grand Rounds, Harvard University, Boston, MA, July 1999.

"Disruption of Inhibitory Control in Developmental Disorders: Clinical, Neuroimaging, and Lesion Studies." Invited Lecture, Child Psychiatry Workshop, Brown University, Providence, RI, April 1999.

"Inhibitory Mechanisms of Attention: Developmental, Clinical, and Neuroimaging Studies." Colloquium, Eunice Kennedy Shriver Center, May 1999.

"Disruption and Inhibitory Control in Developmental Disorders: A mechanistic model of implicated frontostriatal circuitry" Invited Lecture, 29th Carnegie Symposium, Carnegie Mellon University, Pittsburgh, PA, October 1998.

"Design and Statistical Issues in Pediatric Functional Neuroimaging Studies of Children" Invited Lecture, NIMH Workshop, Rockville, MD, September 1998

"The Developmental Neurobiology of Childhood Depression: Neuroimaging Approaches to Investigate a Model of Early Affect Dysregulation." Invited Grand Rounds, Columbia University, NY, NY, May, 1997.

"Inhibitory Mechanisms of Attention: Developmental, Clinical, and Neuroimaging Studies." Invited Lecture, Stanford University, Stanford, CA, March, 1997.

"Functional Magnetic Resonance Imaging of the Child Brain: Methodological Issues." Invited Symposium, International Meeting of the Learning Disabilities Association, Chicago, IL, February 1997.

"Developmental, Clinical, and Neuroimaging Studies of Inhibitory Mechanisms of Attention." Invited Colloquium, Princeton University, Princeton, NJ, December 1996.

"Inhibitory Mechanisms of Attention: Developmental, Clinical, and Neuroimaging Studies." Invited Lecture, Children's Seashore House and University of Pennsylvania, Philadelphia, Pennsylvania, November, 1996.

"Functional Magnetic Resonance Imaging of the Child Brain: Behavioral Paradigm Development" Invited Research Forum, American Academy of Child and Adolescent Psychiatry Meeting, Philadelphia, PA, October, 1996.

"Development of the Child Brain: Studies of Anatomical and Functional Magnetic Resonance Imaging." Invited Lecture, UCSD, La Jolla, CA, November, 1995.

"Is the Hemodynamic Response of fMRI Age-Dependent?" Invited Lecture, Massachusetts General Hospital, Harvard Medical School, Boston, MA , July 1995.

"Scanning Children and Development with fMRI, " Invited Presentation, FMRI Workshop: Satellite Conference of 2nd Annual Cognitive Neuroscience Society, San Francisco, CA, March 1995.

"A Developmental fMRI study of Prefrontal Cortex," Invited Presentation, Functional MRI Studies of Brain Development and Developmental Psychopathology, MacArthur Foundation, Chicago, IL, September 1994.

"Neurodevelopmental Approach to Inhibitory Mechanisms of Attention" Invited Lecture, Psychology Department, UM, Ann Arbor, MI, Invited Lecture, November 1993

"Functional MRI: Studies of Cognition," Invited Symposium, American Psychological Association Meeting, Toronto, Canada, August 1993.

"Neuroanatomical Correlates of Cognition: A Clinical Neuroimaging Approach," Invited Lecture, Carnegie Mellon University, Pittsburgh, PA, April 1992.

"Testing the Dysfunctional Attention Hypothesis in Calendar-Calculating Savants," Invited Colloquium, Psychology Department, Memphis State University, Memphis, TN, October 1991

J. Service

University service – Weill Cornell Medical College

Administrative duties- Weill Cornell Medical College

Director, Sackler Institute for Developmental Psychobiology	2003-2016
Clinical Research Task Force, Medical College	2003-2004
Director, Neuroscience Graduate Program	2004,2008-2012
Executive Committee, Neuroscience Graduate Program	2004-2008
Associate Vice Chair of Research, Psychiatry	2004-2008
Research Awards Committee, Medical College	2005-2013
Medical College Benefits Committee	2006-2007
IBIS Board, Cornell Affiliated Campuses	2006-2008
SPIII Neurodegenerative Diseases Recruitment Committee	2008-2012
Brain Initiative Committee	2010-2016
Research Policy Committee (RPC)	2012-2013
RPC Space Allocation Subcommittee	2012-2013

RPC Space Policy Subcommittee	2012-2013
RPC Cores Subcommittee	2012-2014
Research Education Committee	2014-2015
WCGS Awards Committee	2015-2016

Administrative duties – Yale University

Director, Fundamentals of the Adolescent Brain (FAB) Lab	2016-2022
Yale APA Dissertation Award Committee Chair	2016
3 rd Year Psychology Faculty Review Committee Chair	2016
Psychology Faculty Search Committee Member	2016-2017
INP Executive Committee	2016-2017
Psychology Colloquia Faculty Facilitator	2017-2018
Social Psychology Search Committee	2017-2018
Neuroscience Major Curriculum Committee	2017-2018
Arts & Sciences Imaging Center Advisory Committee	2017-2022
ITS Committee	2019
Promotion Psychology Faculty Review Committee Chair	2019
Promotion Psychology Faculty Review Committee Member	2019
Psychology 3 rd Year Faculty Review Committee Member	2017, 2019
Psychology Postdoctoral Fellowship Award Committee	2019
Director, Psychology - Neuroscience Track Major	2019-2021
Graduate Program Advisory Committee (GPAC)	2019-2020
Psychology Tenure Review Committee Chair	2020-2021
Acting DUS of Psychology	2021
Provost's Standing Advisory and Appointment Committee-SOM	2021-2022

Service to the Discipline

Professional Memberships

Member	American Psychological Association	1984-1992
Member	Society for Psychophysiological Research	1988-1990
Fellow	Association for Psychological Society	1990-present
Member	Society for Neuroscience	1992-present
Member	Organization of Human Brain Mapping	1994-present
Member	Cognitive Neuroscience Society	1995-present
Member	International Society for Dev Psychobiology	2001-2014
Member	New York Academy of Science	2005-2010
Fellow	New York Academy of Medicine	2010-2015
Member	Flux International Congress for Dev Cog Neuro	2013-present
Member	Society for Social and Affective Neuroscience	2017-present

Advisory Committees:

MIND Institute, UC-Davis	1998-2000
MacArthur/McDonnell Network on Early Experience and Brain Dev.	1998-2001
NIMH Center External Advisory Board, UCLA	2006-2011
NIMH Board of Scientific Counselors	2006-2011
NARSAD/BBRF Scientific Council	2006-2016
NIH Neuroscience Blue Print on Neurodevelopment- Co-Chair	2006
NIMH Blue Print on Neurodevelopment Committee Member	2008
NIMH PTSD Search Committee	2009-2010
NIMH Neurodevelopment Search Committee	2009-2010
IOM Committee on the Science of Risk Taking	2008-2009
Board for Children Youth and Families	2009-2012
IOM Committee on Juvenile Justice Reform	2010-2012
New Vision Schools HUM/AMS Board NY	2011-2012
IOM Committee on Sports Related Concussions in Youth	2012-2014
MacArthur Law and Neuroscience Network	2012-2013
NIMH National Advisory Mental Health Council	2012-2015
Human Connectome Project Pilot, Lifespan Advisory Board	2013-2015
Conte Center UC-Irvine, External Advisory Board	2014-2016
NCRAN ABCD Workshop Committee	2014-2019
NIDA DCNBR Review Committee	2014-2015
NIH Search Committee for NIMH Director	2015-2016
UConn IGERT / NRT advisory panel	2014-present
Consortium on Individual Development (CID), The Netherlands	2014-2018
ABCD Steering Committee	2015-present
NINDS Special Committee on Concussions in Youth	2016
Hotchkiss Brain Institute Expert Advisory Committee	2016
Lifespan Human Connectome Project External Advisory Panel Chair	2016-present
REPRONIM: Center for Reproducible Neuroimaging Center- Advisory Board	2016-present
National Academy of Sciences: Brain Health Workshop Organizing Committee	2019
UCLA BBDA T32 Advisory Committee	2021-present

Grant/Protocol Reviewer:

NIMH-BBPP4 committee member	1999-2004
NIMH-ad hoc extramural grant applications	1998-2012
NIMH-ad hoc intramural protocols and programs	2002-2012
NINDS-ad hoc extramural grant applications	2002
National Science Foundation	2002
The Israel Science Foundation	1998-2005
MIND Institute	2002
National Alliance for Autism Research	2004
Cure Autism Now	2012
NIMH Conte Center Review Committee	2013
Simons Foundation	2013

Award Selection Committees

SFN Young Investigator Award	2009-2010
Mortimer D. Sackler M.D. Prize	2010-2016
SFN Donald B. Lindsley Prize in Behavioral Neuroscience	2014-2017
WGSMS Graduate Student Award Committee	2015-2016
APS Fellows Committee	2014-2018
McKnight Memory & Cognitive Disorders Committee	2017-2018
APS Fellows Selection Committee Chair	2017-2018
APA Early Career Award in Behavioral and Cognitive Neuroscience	2020-2021
SFN Brain Awareness Video Contest Committee	2022

Editorial Boards:

<i>Developmental Science</i>	2002-2013
<i>Journal of Cognitive Neuroscience</i>	2007
<i>Journal of the American Association for Child & Adolescent Psychiatry</i>	2014-2016
<i>Biology of Mood and Anxiety Disorders</i>	2015
<i>SFN's Brainfacts.org</i>	2021-present

Guest Editor

<i>Mental Retardation and Developmental Disabilities</i>	2003
<i>Research Reviews</i>	2003
<i>Annals of Psychiatry</i>	2005
<i>Developmental Science</i>	2005
<i>Developmental Psychobiology</i>	2006
<i>Cognitive, Affective and Behavioral Neuroscience</i>	2010
<i>Biological Psychiatry</i>	2011
<i>Current Directions in Psychological Sciences</i>	2013
<i>Developmental Neuroscience</i>	2014

Journal Refereeing

<i>American Journal of Psychiatry</i>	
<i>Archives of General Psychiatry</i>	
<i>Biological Psychiatry</i>	
<i>Child Development</i>	
<i>Cognition</i>	
<i>Cognitive, Affective and Behavioral Neuroscience</i>	
<i>Current Directions in Psychological Science</i>	
<i>Current Neurobiology</i>	
<i>Developmental Cognitive Neuroscience</i>	
<i>Developmental Neuroscience</i>	
<i>Developmental Neurobiology</i>	
<i>Developmental Psychobiology</i>	
<i>Developmental Science</i>	
<i>Human Brain Mapping</i>	
<i>The Journal of Abnormal Child Psychology</i>	
<i>Journal of the American Association for Child & Adolescent Psychiatry</i>	
<i>The Journal of Child Psychology and Psychiatry and Allied Disciplines</i>	
<i>Journal of Cognitive Neuroscience</i>	
<i>J of the International Neuropsychological Society</i>	
<i>The Journal of Pediatrics</i>	
<i>Journal of Neuroscience</i>	
<i>Mental Retardation and Developmental Disabilities Research Reviews</i>	
<i>Nature</i>	
<i>Nature Communications</i>	
<i>Nature Neuroscience</i>	
<i>Nature Neuroscience Reviews</i>	
<i>Neurobiology</i>	
<i>Neuroimage</i>	
<i>Neuron</i>	
<i>Neuropsychologia</i>	
<i>Neuropsychology</i>	
<i>PNAS</i>	
<i>Psychonomic Bulletin & Review</i>	
<i>Psychological Bulletin</i>	

Psychological Science
Psychophysiology
Science

Summer Institutes, Symposia and Workshops

2001-2010 Directed John Merck Fund Summer Institute on the Biology of Developmental Disabilities (now the Mortimer D. Sackler, M.D. Summer Institute-see below)

2012-2016 Directed the Mortimer D. Sackler, M.D. Summer Institute on Translational Developmental Neuroscience

2014 American Museum of Natural History, Chaired Symposium on Origins of the Mind and Mental Illness: From Circuits to Behavior

2020-present Innovators in Cognitive Neuroscience: Leveraging science as a vehicle for social justice- Faculty adviser

2021 Reproducible Neuroimaging Computation (ReproNim) Training Workshop hosted by Yale, March 25th to 26th

Public Outreach

2002 Educating Judges, "Human Brain Development, Law and Public Policy" ASTAR invited speaker, Johns Hopkins University

2003 American Board Association "Developmental Neuroscience and Juvenile Justice" invited speaker, Chicago, IL

2003 Models for Change "The Adolescent Brain, Accountability and Diminished Responsibility" Invited Speaker, Washington, DC

2005 Colloquium for Federal Judges "Law, Neuroscience and Criminal Justice" Invited Speaker

2005 Washington State Supreme Court Symposium, Invited Speaker

2006 American Museum of Natural History, Invited Speaker

2010 National Bar Association's Judicial Conference Invited Speaker

2011 NYC Department of Probation Professional Development Day, Keynote Speaker

2013 VERA Institute of Justice, Invited Speaker on Capital Hill

2015 Relevance of Law and Neuroscience for Judges, Vail, Colorado

2015 NYC District Judges, When is an Adolescent an Adult? New York, NY

2016 At the Boundary of Adolescence and Young Adulthood, Washington, DC

2016 The Teen Brain: Why teens do what they do, New Haven, CT Public Schools

2016-present Community Engagement and Dissemination Workgroup, ABCD Study

2018 Arrested or Adaptive Development of the Teen Brain? Yale University Woman's Organization (YUWO)

2019 Your Brain on Adolescence, Woodland for Women E3 conference, Woodland High School, Beacon Falls, CT

2019 When does a child become an adult in the justice system? Implications from developmental science, The Joyce Foundation, Chicago, IL

2020 The teen brain: Half-baked or well done", Parents and Science Program, The Rockefeller University, New York, NY March 2020

2020 Making the sentencing case: Applying developmental and neuroscientific research to youth and emerging adults" Webinar, Juvenile Law Center and Arizona Capital Representation Project, August 2020.

2020-present Justice, Equality, Diversity and Inclusion (JEDI) Workgroup, ABCD Study

Media Coverage

Adolescent brain and the implications of her research in understanding depression and anxiety in the *PBS special, D: Out of the Shadows*. 2008

National Geographic features work on the adolescent brain in *Beautiful Brains* by David Dobbs. 2011

Relax- teens are designed to be difficult, published in *The Sunday Times* by Kevin Dowling. 2011

Interviewed on *NPR Talk of the Nation: Understanding the Mysterious Teenage Brain*. 2011

Media coverage of Casey et al PNAS study of the marshmallow test revisited after forty years in: 2011

New York Times

New York Daily News

Science News

PsychCentral

Times in India

Live Science

Science Daily

Orlando Sentinel

Parenting Bulletin

Cornell Daily Sun

TIME magazine

USA Today

NPR: Research Highlights Strengths of Adolescent Brain 2012

Science News for Kids: The teenage brain 2012

Discovery News: The Teen Brain on Rage: How it's Different 2012

<i>Wall Street Journal article, What's Wrong With the Teenage Mind?</i>	2012
<i>NPR: The Case Against Brain Scans As Evidence In Court</i>	2013
<i>Science Magazine: Why Teenagers Are So Impulsive</i>	2013
<i>Bloomberg News: Stress of Childhood Poverty May Have Long Effect on Brain</i>	2013
<i>Discovery News: The Teenage Brain on Rage: How It's Different</i>	2013
<i>Live Science: Secret to Self-Control: A More Efficient Brain?</i>	2013
<i>New York magazine: Why You Truly Never Leave High School</i>	2013
<i>New York Times: Why Teenagers Act Crazy</i>	2014
<i>Nature: Teen Drug use gets Supersize Study</i>	2014
<i>Psychology Today: Adolescence and the College Search</i>	2015
<i>Philadelphia Inquirer: Teens' Immature Brains pose all sorts of problems</i>	2015
<i>NY Times: The Feel Good Gene</i>	2015
<i>NPR: This is a 12 year old brain on peer pressure</i>	2015
<i>Brain Decoder: The teenage brain undergoes massive change</i>	2015
<i>San Diego Union-Tribune highlights NIH funded study to follow 10,000 teens</i>	2015
<i>Newsweek: Similarities between Teen and Young Adult brain</i>	2016
<i>PBS News hour: Is this mutation causing your teenagers anxiety</i>	2016
<i>Live Science: Anxiety risk linked gene.</i>	2016
<i>IB Times: Anxious teenager common genetic variant</i>	2016
<i>UK News: Anxious teenager common genetic variant</i>	2016
<i>Fox News: High anxiety in adolescence linked to single gene.</i>	2016
<i>NPR: Teens' Penchant for Risk-Taking May Help Them Learn Faster</i>	2016
<i>NY Times: You're and adult, you brain not so much</i>	2016
<i>NY Times: A California Court for Young Adults Calls on Science</i>	2017
<i>Time magazine: Why Teenage Brains are so hard to Understand</i>	2017
<i>Neurowrites: Defining Cognitive Adulthood-When neuroscience influences law</i>	2018
<i>60 Minutes: ABCD study highlighted and initial results on screen time highlighted</i>	2018
<i>NY Times: ABCD study and initial results on screen time highlighted</i>	2018

NBC News: <u>Students-who-tackle-shooters-die-heroes-some-experts-worry-</u>	2019
Science News: A cognitive neuroscientist warns that the US justice system harms teen brains	2019
New Yorker: Should Billy Joe Wardlow be executed for a crime committed when he was 18.	2020
APA Monitor: Psychology research is front and center-Though the COVID-19 pandemic has disrupted research, it has also highlighted the importance of psychology	2021
USC News: Psychology Alumna recognized for advancing field with life changing work. <u>https://www.sc.edu/study/colleges_schools/artsandsciences/about/news/2022/bj_casey.php</u>	2022
Yale News: Dr. Casey receives the APA 2022 Distinguished Scientific Contribution Award <u>https://psychology.yale.edu/news/bj-casey-receives-2022-apa-distinguished-scientific-contribution-award</u>	2022