

CURRICULUM VITAE

BJ Casey, Ph.D.
January 1, 2021

A. GENERAL INFORMATION

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B. EDUCATIONAL BACKGROUND

BA	Appalachian State University, Boone, NC	1977-1982	1982
MA	Appalachian State University Boone, NC	1983-1984	1984
PhD	University of South Carolina Columbia, SC	1986-1990	1990

C. PROFESSIONAL POSITIONS AND EMPLOYMENT

Post-doctoral training

Postdoctoral Fellow	National Institute of Mental Health Bethesda, MD	1990-1992
Staff Fellow	National Institute of Mental Health Bethesda, MD	1992-1994

Academic positions

Assistant Professor	University of Pittsburgh Medical Center Pittsburgh, PA	7/01/1994- 5/31/1999
Visiting Research Collaborator	Princeton University Princeton, NJ	7/01/1998- 6/30/2006
Assistant Professor in Psychiatry (interim)	Weill Medical College of Cornell University New York, NY	6/01/1999- 7/22/1999
Associate Professor of Psychiatry	Weill Medical College of Cornell University New York, NY	6/01/1999- 5/31/2002
Professor of Psychology in Psychiatry and Neuroscience	Weill Medical College of Cornell University New York, NY	7/01/2002- 6/30/2016
Sackler Professor and Sackler Institute Director	Weill Medical College of Cornell University New York, NY	7/01/2002- 6/30/2016
Adjunct Professor	The Rockefeller University New York, NY	5/01/2013- 4/30/2017
Adjunct Professor	Weill Medical College of Cornell University New York, NY	7/01/2016- 6/30/2017

Professor of Psychology	Yale University, New Haven CT	7/1/2016- Present
Affiliated Professor	The Justice Collaboratory, Yale University New Haven CT	10/1/2016- Present
Affiliated Professor	Interdepartmental Neuroscience Program Yale University, New Haven CT	9/1/2016- Present
Guest Investigator	The Rockefeller University New York, NY	5/01/2017- 4/30/20

D. HONORS AND AWARDS

John Merck Scholar in the Biology of Developmental Disabilities	1997
Charles A Dana Clinical Hypotheses in Neuroscience Research Award	1998
The Sackler Professor for Developmental Psychobiology	2002
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
SYNAPSE (Symposium for Young Neuroscientists and Professors of the Southeast) Keynote Speaker	2014
Honorary Doctorate, Utrecht University	2014
Eastern Psychological Association Keynote Speaker	2014
APA Frontiers of Science Lecture	2014
Ann L. Brown Award for Excellence in Developmental Research, University of Illinois in Champaign-Urbana	2014
Organization of Human Brain Mapping Keynote Speaker	2015
Ruane Prize for Outstanding Achievement in Child and Adolescent Psychiatric Research, BBRF	2015
Irish America magazine's Healthcare and Life Sciences 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 Award, Flux Congress for Dev Cognitive Neuroscience	2019
Keynote address, Brainy Days 2021, Florida Atlantic University	2021
Biennial Meeting of SRCD Invited Lecturer	2021
Lifetime Achievement Mentor Award, Association for Psychological Science	2021

E. 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 Cogn Neuro	2013-present
Member	Society for Social and Affective Neuroscience	2017-present

F. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES AND PERCENT EFFORT

Teaching- Weill Cornell Medical College

<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- Co-Instructor</i>	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

Teaching- Yale University

<i>Adapted or Arrested Development of the Adolescent Brain</i> – Instructor	2016-present
<i>Fundamentals of the Adolescent Brain Research</i> – Lab Instructor	2016-present
<i>Research in the Fundamentals of the Adolescent Brain</i> - Instructor	2016-present
<i>Developmental Psychopathology and Sensitive Periods</i> - Instructor	2017-present
<i>History and Systems</i> - Lecturer	2017
<i>Current Work in Clinical Neuroscience</i> - Instructor	2017-2018
<i>Biological Bases of Human Behavior</i> -Lecturer	2017-present
<i>Foundations of Systems Neuroscience</i> -Lecturer	2018-present
<i>Introduction to Psychology</i> - Lecturer	2018
<i>Brain Development, Law and Policy</i> - Instructor	2019-2010
<i>Current Work in Behavior, Genetics and Neuroscience</i> - Instructor	2020-2021

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
REC Committee	2014-2015
WCGS Awards Committee	2015-2016

Administrative duties – Yale University

Director, Fundamentals of the Adolescent Brain (FAB) Lab	2016
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-present
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-present
Graduate Program Advisory Committee (GPAC)	2019-present
Psychology Tenure Review Committee	2020-2021
Acting DUS of Psychology	2021 spring

G. RESEARCH SUPPORT (past and present)

NIH Intramural Research

NIH-NIMH Intramural Related Research Projects:

"Biochemical Correlates of Pemoline Treatment of Hyperactive Children" (86-M-82)
Associate Investigator.

"Magnetic Resonance Imaging of Childhood Onset Psychiatric Disorders" (89-M-06)
Associate Investigator.

"Treatment of Sydenham's Chorea with Plasma Exchange, Intravenous Immunoglobulin, Prednisone, or Placebo" (92-M-0132) - Associate Investigator.

"Assessment and Treatment of Winter Seasonal Affective Disorder in Children" (93-M-52) Associate Investigator.

"Functional Magnetic Resonance Imaging of Childhood Onset Psychiatric Disorders" (94-M-71) Principal Investigator.

"The Characterization of Childhood-onset Obsessive-compulsive Disorder and the PANDAS Subgroup" (PDN Branch) Extramural Associate Investigator

NIH Extramural Research:

Mapping the Development of Inhibitory Mechanisms: First grant ever awarded by the NIH to examine normative development with functional MRI, PI (K01 MH01297).	08/01/1996-04/30/2001
The Psychobiology of Childhood Anxiety and Depression: Application of fMRI to examine biological substrates of pediatric anxiety and depression. PI of Project IV (P01 MH41712)	01/01/1997-12/31/2000
Cognitive and Neural Mechanisms of Conflict and Control: Application of fMRI to understand the development of cognitive and neural mechanisms underlying attentional conflict. PI of Project IV (P50 MH62196)	10/01/2000-09/30/2005
Frontostriatal Development and Cognitive Control: Application of fMRI and diffusion tensor imaging (DTI) to examine the development of frontostriatal circuitry implicated in behavioral regulation PI (R01 MH63255)	05/01/2001-04/30/2006
Functional Neuroanatomical Deficits in ADHD families: Collaborative R01 with Berkeley, Stanford, Duke and Columbia Universities of double-blind placebo-ritalin cross over study of parent child dyads with ADHD using both fMRI and DTI. PI (R01 MH64166)	05/01/2002-04/30/2004
Development of Prediction and Reward Circuitry: Development of behavioral assays and imaging methods to examine cognitive and neural systems implicated in substance abuse. PI (R21 DA15882)	10/01/2002-09/30/2005
Brain Development following Institutionalization: Examines the emotional, cognitive and brain development of children adopted from orphanages abroad with behavioral, cortisol, and MRI measures. PI (R01 MH73175)	07/14/2004-05/31/2009
Development of Basic Components of Decisions: This work examines how reward and emotional contexts bias adolescent behavior and uses fMRI to examine the neural correlates of these behaviors. PI (R01 DA018879)	09/01/2004-08/30/2011
Lasting Effects of Trauma on Amygdala and HPA Activity on Children and Adults: This fellowship trains the PI in using cortisol and fMRI measures of limbic and emotional responses in individuals living in NYC during 9/11 versus those who moved here after Co-Mentor (PI Ganzel, F32 MH068139)	02/01/2003-01/31/2006
Developmental of Emotion Regulation: This fellowship trains the PI in the using of fMRI to measure neural systems underlying emotion regulation across development. Mentor (PI Hare, F31 MH073265)	07/13/2005-06/30/2008
Cognitive and Neural Mechanisms of Decision Making: This program of research examines the development of decision making using formal computational models to constrain interpretations of the behavioral and imaging studies. PI of Project IV (P50 MH62196)	10/01/2005-09/30/2011
Effects of BDNF Genotype and Stress on Learning and Development: This interdisciplinary center uses a translational approach to test gene X environment interactions on neural substrates of learning across development in humans and mice. PI (P50 MH 079513)	5/01/08-4/30/13

Adolescent Decision Making and Self Control. Longitudinal development of delay of gratification and emotion regulation using fMRI, DTI and MRI to understand suboptimal decisions in adolescents Col (NICHD)	5/01/11- 4/30/15
Functional Imaging and Eating Behavior among FTO genotype pre-obese children. Examining sensitivity to food cues and underlying neural correlates in children with FTO polymorphism related to obesity. Col (NIDDKD)	09/01/12- 08/31/17
Impact of negative affect on neural circuitry in bulimia nervosa: an fMRI study. To develop an imaging paradigm for examining how negative affect impacts impulsivity to food cues in bulimia (NIMH)	04/01/14- 03/31/16
Adolescent Brain and Cognitive Development (ABCD) Study. Examining 1100 9-10 year olds over 5-10 years as part of NIH landmark study to track behavioral and brain development in 10,000 youth across the nation (NIDA)	10/1/15- 9/30/20
Adolescent Brain and Cognitive Development (ABCD) Social Development Substudy: Examining social and externalizing behaviors in ABCD cohort (NIJ)	
<u>NSF Research:</u>	
Collaborative Proposal: Self-Control in the Life Course This collaboration of researchers at the Universities of Washington, Michigan, Columbia and Weill Cornell Medical College examines the neural basis of self control in a well defined longitudinal sample of individuals using MRI, DTI and fMRI. Co-I (NSF 0720932)	09/16/06- 09/15/11
Affective and Deliberative Risky Decision Making in Children, Adolescents, and Adults: This program of research examines behavioral and neural development of risk taking using computer tasks and functional magnetic resonance imaging. Co-I (NSF 0720932)	10/1/2007- 09/30/2010
<u>Foundation Supported Research:</u>	
Developmental fMRI Consortium: Pittsburgh Component: Collaborative fMRI project with Harvard University, University of Wisconsin-Madison and University of Minnesota to examine reliability of fMRI measures in children and adults. PI (MacArthur Foundation)	01/01/1995- 12/31/1996
Perinatal Striatal Disruption and Psychiatric Symptomatology: Examined the long-term effects of birth complications, especially those leading to mild hemorrhage on psychiatric symptoms, and behavioral and brain development. PI (Dana Foundation)	01/01/1997- 12/31/1999
Validation of the Association of Perinatal Complications and Adolescent Suicide: Examined birth records of completed suicides by adolescents (PI: Brent, American Suicide Foundation)	08/01/1996- 07/31/1998
Striatal Disruption in ADHD. Examined behavioral and brain development in children who had a history of intraventricular hemorrhage. PI (John Merck Scholars Award)	04/01/1997- 03/31/2001
Neuroimaging Study of Previously Institutionalized Children Adopted to the US: Application formed the basis for NIMH ROI follow-up study of these children. PI (MacArthur Foundation/NIMH)	10/01/2000- 09/30/2010

Neural Correlates of Attention Deficits in ASD: Uses fMRI to examine biological substrates of attentional deficits in children with autism spectrum disorders. Co-Sponsor (PI Eigsti, NARSAD)	2005-2007
Parallel Rodent and Human Imaging Studies of Stress: This project uses histology in the rat and fMRI in the human to understand the cognitive and neural basis for attention switching deficits during, and recovery following, stress. Co-Mentor (PI Liston, Soros Fellowship)	2006-2008
Effects of genetic and environmental factors on learning across development. This project uses human and mouse genetics to examine genetic and environmental factors that influence learning at different developmental stages. Mouse histology and human neuroimaging methods help constrain biological models of learning. PI (Sackler/NIMH)	2008-2013
Adolescent Decision Making related to Criminal Activity. Assessment of adolescent brain and behavioral development using fMRI, DTI and MRI to understand decisions in the heat of the moment. PI (MacArthur)	2012-2016
Threat Perception in "Out-group" Encounters. Assessment of impulsive action under sustained threat to "out-group" cues and underlying neural circuitry using fMRI, DTI and MRI. PI (MacArthur)	2015-2017

NIH Supported Research:

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH K01 MH01297	\$562,568	08/01/96-04/30/01	Casey, BJ UPMC

Individual's role in project including percent effort
Principal Investigator - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH P01 MH41712	\$510,000	09/01/97-08/31/02	Ryan, N UPMC

Individual's role in project including percent effort
Principal Investigator of Project IV - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH P50 MH62196	\$558,771	09/01/00-08/31/05	Cohen, JD Princeton

Individual's role in project including percent effort
Principal Investigator of Project IV - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH R01 MH63255	\$1,223,891	05/01/01-04/30/06	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Principal Investigator - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH R01 MH64166	\$180,000	05/01/02-04/30/05	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Principal Investigator - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIDA R21 DA15882	\$300,000	07/01/02-06/30/05	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Principal Investigator - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH R01 MH65653	\$329,167	02/01/02-01/31/08	Alexopolous, G Weill Cornell

Individual's role in project including percent effort
Co-Investigator – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH R01 MH73175	\$1,419,058	07/23/04-05/31/10	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Principal Investigator – completed.

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIDA R01DA018879	\$1,250,000	10/14/04-09/30/11	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Principal Investigator - completed.

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH R25 MH060478	\$249,817	09/01/04-08/31/11	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Co- Principal Investigator – completed.

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH P50 MH062196	\$629,683	09/01/05-08/31/11	Cohen, JD Princeton

Individual's role in project including percent effort
Principal Investigator of Project IV - completed.

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NSF 06-509	\$446,234	09/16/06-09/15/11	Shoda, Y U Washington

Individual's role in project including percent effort
Co-Investigator - completed.

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NSF 0720932	\$266,031	10/01/07-09/30/10	Weber, E Columbia

Individual's role in project including percent effort
Co-Investigator - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIMH P50 MH 079513	\$10,000,000	05/01/08-04/30/13	Casey, BJ Weill Cornell

Individual's role in project including percent effort
Program Director - completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NICHHD T32 HD055177	\$ 1,117,247	5/01/08-04/30/13	Finlay, Barbara Cornell

Individual's role in project including percent effort
CoPI – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIDA RC2 DA029475	\$ 322,630	9/30/09-08/31/13	Jernigan, T UCSD

Individual's role in project including percent effort
UCSD Co-I, WCMC site PI – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NICHHD R01 HD069178	\$ 560,544	9/30/10-08/31/16	Oschner, K Columbia U

Individual's role in project including percent effort
Co-I -completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
MacArthur Foundation	\$ 561,250	1/1/13-6/30/15	Casey, BJ Weill Cornell

Individual's role in project including percent effort
PI – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
1 R056 DK097399-01	\$ 38,311	9/24/12-8/31/13	Mayer, L Rosenbaum, M NYSPI, Columbia U

Individual's role in project including percent effort
Co-I – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
1 R01 DK097399	\$313,620	12/1/13-11/30/18	Mayer, L Rosenbaum, M NYSPI, Columbia U

Individual's role in project including percent effort
Co-I – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
MacArthur Foundation	\$ 558,924	10/1/14-9/30/15	Casey, BJ Yale

Individual's role in project including percent effort
PI – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
1 R21 MH103650	\$ 59,761	04/1/14-05/31/16	Broft, A NYSPI, Columbia U

Individual's role in project including percent effort
Co-I – completed

<i>Source</i>	<i>Amount</i>	<i>Duration of support</i>	<i>Name of Principal Investigator</i>
1 U01 DA041174	\$10,362,380	9/30/15-04/15/20	Casey, BJ Yale

Individual's role in project including percent effort
PI – completed

<i>Source</i>	<i>Amount</i>	<i>Duration of support</i>	<i>Name of Principal Investigator</i>
1 U24 DA041123	\$125,000	10/1/15-09/30/18	Dale, A UCSD

Individual's role in project including percent effort
Co-I – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
MacArthur Foundation	\$500,924	10/1/15-12/30/16	Casey, BJ Yale

Individual's role in project including percent effort
Co-I – completed

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
NIJ 2017-91727-PA-DN	\$292,000	1/01/19-12/31/21	Clark, D. UPMC

Individual's role on project
PI – 10% effort

<i>Source</i>	<i>Amount</i>	<i>Date (duration of support)</i>	<i>Name of Principal Investigator</i>
U01 DA041174	\$12,343,034	3/01/20-12/30/27	Casey, BJ Yale

Individual's role on project
PI – 25%

H. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

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
NAS Brain Health Workshop Organizing Committee	2019

Grant/Protocol Reviewer:

NIMH-BBBP4 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

WCMC Research Award Committee	2005-2010
SFN Young Investigator Award	2009-2010
Mortimer D. Sackler M.D. Prize	2010-2015
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

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 Brain Research</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>
<i>Psychological Science</i>
<i>Psychophysiology</i>

Science

Outreach and Training:

- 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)
- 2002 Educating Judges, “Human Brain Development, Law and Public Policy“ ASTAR invited speaker, Johns Hopkins University
- 2012-2016 Directed the Mortimer D. Sackler, M.D. Summer Institute on Translational Developmental Neuroscience
- 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
- 2014 American Museum of Natural History, Chaired Symposium on Origins of the Mind and Mental Illness: From Circuits to Behavior
- 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 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 The teen brain: Half-baked or well done”, Parents and Science Program, The Rockefeller University, New York, NY March 2020

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

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:

- 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

Wall Street Journal article, What's Wrong With the Teenage Mind? 2012

NPR: The Case Against Brain Scans As Evidence In Court 2013

Science Magazine: Why Teenagers Are So Impulsive 2013

Bloomberg News: Stress of Childhood Poverty May Have Long Effect on Brain 2013

Discovery News: The Teenage Brain on Rage: How It's Different 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
<i>NBC News: Students-who-tackle-shooters-die-heroes-some-experts-worry-</i>	2019
<i>Science News: A cognitive neuroscientist warns that the US justice system harms teen brains</i>	2019
<i>New Yorker: Should Billy Joe Wardlow be executed for a crime committed when he was 18.</i>	2020

I. BIBLIOGRAPHY

Peer Reviewed Articles (Google Scholar h-Index: 112, citations: > 61,000 times)

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. *Dev Neuropsych*, 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. *HBM* 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., Pizarov, 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* 2006 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.
74. **Casey, B. J.**, Epstein, J. N., Buhle, J, Liston, C, Davidson, M.C, Tonev, S. T., Spicer, J. , Niogi, Millner, A., S., Reiss, A., Garrett, A., Hinshaw, S.P., Greenhill, L.L., Vitolo, A., Kotler, L.A., Jarrett, M.A., Glover, G. (2007). Contribution of frontostriatal fiber tracts to cognitive control in parent-child dyads with ADHD. *American Journal of Psychiatry*, 164:11, 1729-1736.
75. **Casey, BJ**, Nigg, J & Durston, S. New potential leads in the biology and treatment of ADHD. *Current Opinions in Neurology.* *Current Opinion in Neurology* (2007).
76. Durston, S., Davidson, M.C., Mulder, M.J., Spicer, J.A., Galvan, A., Tottenham, N., Scheres, A., Xavier, Castellanos, F., van Engeland, H., **Casey, B.J.** (2007). Neural and behavioral correlates of expectancy violations in attention-deficit hyperactivity disorder. *J Child Psychol Psychiatry*, 48(9), 881-9.
77. Epstein, J. N., **Casey, B. J.**, Tonev, S.T., Davidson, M., Reiss, A., Garrett, A., Hinshaw, S.P., Greenhill, L.L., Glover, G., Vitolo, A., Kotler, L.A., Jarrett, M.A., Spicer, J. (2007). Assessment and prevention of head motion during imaging of patients with Attention Deficit Hyperactivity Disorder. *Psychiatry Research: Neuroimaging.* 155(1), 75-82. PMID: PMC1993908
78. Epstein, J.N., **Casey, B.J.**, Tonev, S.T., Davidson, M., Reiss, A., Garrett, A., Hinshaw, S.P., Greenhill, L.L., Glover, G., Vitolo, A., Kotler, L.A., Jarrett, M.A., Spicer, J. (2007). ADHD- and medication-related brain activation effects in concordantly affected parent-child dyads with ADHD. *J Child Psychol Psychiatry*, 48(9), 899-913.
79. Galvan, A., Hare, T.A. Voss, H., Glover, G. & **Casey, B.J.** (2007). Risk taking and the adolescent brain: who is at risk? *Developmental Science*, 10(2), F8-F14.

80. Ganzel, B., **Casey, B.J.**, Voss, H.U., Glover, G., & Temple, E. (2007). The aftermath of 9/11: effect of intensity and recency of trauma on outcome. *Emotion*, 7(2), 227-38. PMID: PMC2759706
81. Swanson JM, Kinsbourne M, Nigg J, Lanphear B, Stefanatos GA, Volkow N, Taylor E, **Casey BJ**, Castellanos FX, Wadhwa PD. Etiologic subtypes of attention-deficit/hyperactivity disorder: brain imaging, molecular genetic and environmental factors and the dopamine hypothesis. *Neuropsychol Rev*. 2007 17(1):39-59.
82. Tottenham, N., Leon, A.C. & **Casey, B.J.** (2007). The face behind the mask: a developmental study. *Developmental Science*, 9(3), 288-94. PMID: PMC2759706
83. **Casey, B.J.**, Getz, S. & Galvan, A. (2008). The adolescent brain and risky decisions. *Developmental Reviews*. 28(1), 62-77. PMID: PMC2500212
84. **Casey, B.J.**, Jones, R., & Hare, T.A. (2008). The adolescent brain. *The Year in Cognitive Neuroscience*, 1124, 111-126. PMID: PMC2475802
85. Durston D., Fossella, J.A., Mulder, M.J., **Casey, B.J.**, Ziermans, T.B., Vessaz, M.N., van Engeland, H. (2008). Dopamine-transporter genotype conveys familial risk for Attention-Deficit/Hyperactivity Disorder through striatal activation. *Journal of the American Academy of Child & Adolescent Psychiatry*, 47(1), 61-67.
86. Garrett, A, Penniman, L, Epstein, J, **Casey, BJ** et al. (2008). Neuroanatomical abnormalities in adolescents with ADHD. *JAACAP*, 47(1), 1321-28. PMID: PMC2664095
87. Hare, T.A., Tottenham, N., Galvan, A., Voss, H.U., Glover, G.H. & **Casey, B.J.** (2008). Biological substrates of emotional reactivity and regulation in adolescence during an emotional go-nogo task. *Biological Psychiatry*, 63, 927-934. PMID: PMC2664095
88. Mulder, M.J., Baeyens, D., Davidson, M.C., **Casey, B.J.**, van der Ban, E., van Engeland, H., Durston, S. (2008). Effects of familial risk for ADHD on neural correlates of expectancy and expectancy violations. *J Am Acad Child Adolesc Psychiatry*, 47(1), 68-75.
89. Hirschtritt ME, Hammond CJ, Luckenbaugh D, Buhle J, Thurm AE, **Casey B.J.** & Swedo SE (2009) Executive and Attention Functioning Among Children in the Pandalas Subgroup Child Neuropsychol. 2009 March; 15(2): 179–194.
90. Levita, L., Hare, T., Voss, H., Ballon, D. & **Casey, B.J.** (2009). The bivalent side of the nucleus accumbens. *Neuroimage*, 44(3), 1178-87. PMID: PMC2659952.
91. Liston, C., McEwen, B. & **Casey, B.J.** (2009). Psychosocial stress reversibly disrupts prefrontal processing and attentional control. *Proc Natl Acad Sci USA*, 106, 912-917. PMID: PMC2621252
92. Sheinkopf, S. J., Lester, B. M., Sanes, J. N., Eliassen, J. C., Hutchison, E. R., Seifer, R., et al. **Casey, B.J.** (2009). Functional MRI and response inhibition in children exposed to cocaine in utero. Preliminary findings. *Dev Neurosci*, 31(1-2), 159-166. PMID: PMC2951722
93. Tottenham, N, Tanaka, JW, Leon, AC, McCarry, T, Nurse, M, Hare, TA, Marcus, DJ, Westerlund, A, **Casey, BJ** & Nelson, C. (2009). The NimStim set of facial expressions: Judgments from untrained research participants. *Psychiatry Research* 168 (3) 242-249.
94. **Casey, BJ**, Glatt, CE, Tottenham, N, Soliman, F, Bath, K, Amso, D, Altemus, M, Levitta, L, Jones, R, Thomas, KM, Gunnar, M, Mezey, J, Clark, A, Leon, AC, Hempstead, B, and Lee, FS. (2009). BDNF as a Model System for examining Gene by Environment Interactions across development. *Neuroscience*. 164(1), 108-120. PMID: PMC2760671

95. **Casey, BJ**, Duhoux, S & Cohen, M.M. (2010). Adolescence: what do transmission, transition and translation have to do with it? *Neuron*, 67(5), 749-760. PMID: PMC3014527
96. **Casey, BJ** & Jones, R.M. (2010). Neurobiology of the Adolescent Brain and behavior: Implications for substance abuse disorders. *JAACAP*, 49(12), 1189-1201. PMID: PMC3099425
97. **Casey, BJ**, Jones, RM, Levita, L, Libby, V, Pattwell, SS, Ruberry, EJ, Soliman, F & Somerville, L. (2010). The storm and stress of adolescence: insights from human imaging and mouse genetics. *Developmental Psychobiology*, 52(3), 225-235. PMID: PMC2850961
98. **Casey, BJ**, Soliman, F, Bath, KG & Glatt, CE. (2010). Imaging genetics and development: Challenges and Promises. *Human Brain Mapping*. 31(6), 838-851. PMID: PMC3081635
99. Somerville, L, Jones, R & **Casey, BJ**. (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. PMID: PMC2814936
100. Somerville, L. H. & **Casey, B.J.** (2010). Developmental neurobiology of cognitive control and motivational systems. *Current Opinion in Neurobiology*, 20(2), 236-241. PMID: PMC3014528
101. Soliman, F., Glatt, C.E., Bath, K. G., Levita, L., Jones, R.M., Pattwell, S.S., Jing, D., Tottenham, N., Amso, D., Somerville, L., Voss, H.U., Glover, G., Ballon, D.J., Liston, C., Teslovich, T., van Kempen, T., Lee, F.L. and **Casey, B.J.** (2010). A Genetic Variant BDNF Polymorphism Alters Extinction Learning in Both Mouse and Human. *Science*, 327, 864-866. PMID: PMC2829261
102. Frielingsdorf, H, Bath, KG, Soliman, F, Difede, J, **Casey, BJ** & Lee, FS (2010). Variant BDNFVal66Met endophenotypes: Implications for PTSD. *Annals of NYAS*, 1208, 150-157.
103. Somerville, L & **Casey, BJ** (2010) Developmental neurobiology of cognitive control and motivational systems. *Current Opinions in Neurobiology* 20(2): 236-241 NIHMS 174656
104. Tottenham, N., Hare, T.A., Quinn, B.T., McCarry, T.W., Nurse, M., Gilhooly, T., Milner, A., Galvan, A., Davidson, M.C., Eigsti, I.M., **Casey, B.J.** (2010). Prolonged institutional rearing is associated with atypically larger amygdala volume and difficulties in emotion regulation. *Developmental Science*, 13 (1), 46-61. PMID: PMC2817950
105. **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 Volume 21, Issue 1*, 21–33. PMID: PMC3070306
106. **Casey, B.J.**, Ruberry, E.J., Libby, V., Glatt, C.E., Hare, T., Soliman, F., Duhoux, S., Frielingsdorf, H., Tottenham, N. (2011). Transitional and translational studies of risk for anxiety. *Depression and Anxiety*, 28(1), 18-28. PMID: PMC3070413
107. **Casey, B.J.**, Somerville, L.H., Gotlib, H., Ayduk, O., Franklin, N., Askren, M.K., Jonides, J., Berman, M.G., Wilon, N.L., Teslovich, T., Glover, G., Zayas, V., Mischel, W., & Shoda, Y. (2011). Behavioral and neural correlates of Delay of Gratification 40 years later. *Proc Natl Acad Sci USA*, 108(36), 14988 – 15003. PMID: PMC3169162
108. Liston C, Malter Cohen M, Teslovich T, Levenson D, **Casey BJ** (2011). Atypical prefrontal connectivity in ADHD: Pathway to disease or pathological endpoint? *Biological Psychiatry* 69: 1168-1177. PMID: PMC 21546000
109. Jones, R., Somerville, L.H., Li, J., Ruberry, E., Libby, V., Glover, G., Voss, H., Ballon, D., **Casey, B.J.** (2011). Behavioral and neural properties of social reinforcement learning. *The Journal of Neuroscience*, 31(37), 13039 – 13045. PMID: PMC21917787.

110. Mischel, W, Ayduk, Berman, MG, **Casey, BJ**, Gottlib, IH, Jonides, J, Kross, E, Teslovich, T, Wilson, NL, Zayas, V & Shoda, Y. (2011). Willpower over the life span: decomposing self-regulation. *Social Cognitive and Affective Neuroscience: electronic early access*: 2011 6(2): 252-6.
111. Pattwell, S.S., Bath, K.G., **Casey, B.J.**, Ninan, I., & Lee, F.S. (2011). Selective early-acquired fear memories undergo temporary suppression during adolescence. *Proc Natl Acad Sci USA*, 108 (3), 1182-1187. PMID: PMC3024661
112. Somerville L.H. & Casey B.J. (2011). Response to Moshman, "Adolescents and their teenage brains." *Human Development*, 54(4), 1-17.
113. Somerville, L., Hare, T. & **Casey, B.J.** (2011). Frontostriatal maturation predicts cognitive control failure to appetitive cues in adolescents. *J of Cognitive Neuroscience*, 23(9), 2123-2143. PMID: PMC3131482
114. Tottenham, N., Hare, T.A., & **Casey, B.J.** (2011). Behavioral assessment of emotion discrimination, emotion regulation and cognitive control, in childhood, adolescence, and adulthood. *Frontiers in Developmental Psychology*. PMID: PMC311093
115. Tottenham, N., Hare, T.A., Millner, A., Gilhooly, T., Zevin, J.D., & **Casey, B.J.** (2011). Elevated amygdala response to faces following early deprivation. *Developmental Science*, 14(2), 190-204. PMID: PMC3050520.
116. Bakken TE, Roddey JC, Djurovic S, Akshoomoff N, Amaral DG, Bloss CS, **Casey BJ**, Chang L, Ernst TM, Gruen JR, Jernigan TL, Kaufmann WE, Kenet T, Kennedy DN, Kuperman JM, Murray SS, Sowell ER, Rimol LM, Mattingsdal M, Melle I, Agartz I, Andreassen OA, Schork NJ, Dale AM, for the Alzheimer's Disease Neuroimaging Initiative, and for the Pediatric Imaging, Neurocognition, and Genetics Study. (2012). Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. *Proceedings of the National Academy of Sciences of the USA*, 109(10), 3985-3990.
117. Brown, TT, Kuperman, JM, Chung, Y, Erhart, M, McCabe, C, Hagler, JR, DJ, Venkatraman, VK, Akshoomoff, N, Amaral, DG, Bloss, CS, **Casey, BJ** ...Jernigan, TL & Dale, AM. Neuroanatomical Assessment of Biological Maturity, *Current Biology*. Volume 22, Issue 18, 25 September 2012, Pages 1693–1698
118. Fjell, A.M., Walhovd, K.B., Brown, T.T., Kuperman, J.M., Chung, Y., Hagler, D.J. Jr., Venkatraman, V., Roddey, J.C., Erhart M., McCabe, C., Akshoomoff, N., Amaral, D.G., Bloss, C.S., Libiger, O., Darst, B.F., Schork, N.J., **Casey, B.J.**, Chang, L., Ernst, T.M., Gruen, J.R., Kaufman, W.E., Kenet, T., Frazier, J., Murray, S.S., Sowell, E.R., van Zijl, P., Mostofsky, S., Jernigan, T.L., Dale, A.M.; & the Pediatric Imaging, Neurocognition, & Genetics Study. (2012). Multimodal imaging of the self-regulating developing brain. *Proceedings of the National Academy of Sciences, USA* 48, 19620-19625.
119. Ganzel, B, **Casey, BJ**, Kim, P, Gilmore, H, Tottenham, N & Temple, E. Stress and the healthy adolescent brain: Evidence for the neural embedding of life events. *Development and Psychopathology* (2012)
120. Hartley CA, McKenna MC, Salman R, Holmes A, **Casey BJ**, Phelps EA, Glatt CE. Serotonin transporter polyadenylation polymorphism modulates the retention of fear extinction memory. *Proc Natl Acad Sci. USA* (2012) vol. 109:14, 5493-5498.
121. Pattwell, S.S., Duhoux, S., Hartley, C.A. ...**Casey, BJ***, Ninan, Ipe* & Lee, FS* (2012). Altered Fear Learning Across Development in Both Mouse and Human. *Proc Natl Acad Sci. USA* 2012 vol. 109: 40, 16318–16323
122. Walhovd, KN, Fjel, Am, Brown, TT, Kuperman, JM, Chung, Y, Hagler, DJ, Roddey, JC, Erhart,

- M, McCabe, C, Akshoomoff, N, Amaral, D, Bloss, CS, Libiger, O, Schork, NJ, Darst, BF, **Casey, BJ** et al, (2012) Long-term influence of normal variation in neonatal characteristics on human brain development. *Proc Natl Acad Sci U S A*. 109(49): 20089–20094
123. Berman, M.G., Yourganov, G., Askren, M.K., Ayduk, O., **Casey, B.J.**, Gotlib, I., Kross, E., McIntosh, R., Strother, S., Wilson, N.L., Zayas, V., Mischel, W., Shoda, Y., & Jonides, J. (2013). Dimensionality of brain networks linked to life-long individual differences in self-control. *Nature Communications*. 4, 1373.
 124. **Casey, BJ** (2013) *The Teen Brain: An overview*. Editor of Special Issue of *Current Directions in Psychological Science*
 125. **Casey, BJ** & Caudle, K. (2013). *Self Control: The Teen Brain*. *Current Directions in Psychological Science* 22 (2), 82-87
 126. **Casey, BJ**, Craddock, N, Cuthbert, BN, Hyman, SE, Lee, FS & Ressler, KJ (2013). DSM-5 and RDoC: Progress in psychiatry research. *Nature Reviews*, 14:810-814.
 127. **Casey, BJ**, Pattwell, SS, Glatt, CE & Lee, FS (2013) Treating the developing brain: Implications from human imaging and mouse genetics. *Annual Review of Medicine*, Volume 64:10.1–10.13.
 128. Hartley, CA & **Casey, BJ** Risk for anxiety and implications for treatment: developmental, environmental, and genetic factors governing fear regulation (2013) *Annals of the New York Academy of Sciences* 1304 (1), 1-13.
 129. Malter Cohen, M & **Casey, BJ** (2013) Translational developmental studies of stress on brain and behavior: Implications for adolescent mental health and illness? *Neuroscience*.
 130. Pattwell, S. **Casey, BJ** & Lee, F (2013). Fear learning and memory across adolescent development. *Current Directions in Psychological Science* 22 (2), 146-151.
 131. Pattwell, S. **Casey, BJ** & Lee, F (2013) Fear learning and memory in the adolescent. *Puberty and Adolescence Hormones and Behavior*.
 132. Riddle, MC, McKenna, MC, Yoon, YJ, Pattwell, SS, Santos, PMG, **Casey, BJ** & Glatt, CE (2013) Caloric Restriction Enhances Fear Extinction Learning in Mice. *Neuropsychopharmacology*. 38 (6), 930-937.
 133. Somerville, LH, Jones, RM, Ruberry, EJ, Dyke, JP, Glover, G. **Casey, BJ**. (2013) Medial prefrontal cortex and the emergence of self-conscious emotion in adolescence. *Psychological Science* 24 (8), 1554-1562.
 134. 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.* (2013) Fear and Anxiety from Principle to Practice: Implications for when to treat youth with anxiety disorders. *Biological Psychiatry*, 75(11): e19–e20.
 135. Eicher JD, Powers NR, Miller LL, Akshoomoff N, Amaral D, Bloss C, Libiger O, Schork NJ, Darst B, **Casey BJ**, Chang L, Ernst T, Frazier J, Kaufmann W, Keating B, Kenet Tal, Kennedy D, Mostofsky S, Murray S, Sowell E, Bartsch H, Kuperman J, Brown T, Hagler D, Dale A, Jernigan T, St. Pourcain B, Davey-Smith G, Ring SM, Gruen JR. (2013) Genome-Wide Association Study of Shared Components of Reading Disability and Language Impairment. *Genes Brain Behav*. 12 (8), 792-801
 136. Malter Cohen, M, Jing, D, Yang, RR, Tottenham, N, Lee, FS, **Casey, BJ** (2013) Early life stress has persistent effects on amygdala function and development in mice and humans. *Proc Natl Acad Sci U S A* 110 (45), 18274-18278

137. Akshoomoff, N. Newman, E. Thompson, WK, McCabe, C, Bloss, CS, Chang, L; Amaral, DG, **Casey, BJ** et al. The NIH Toolbox Cognition Battery: Results from a large normative developmental sample (PING). *Neuropsychology*, Vol 28(1), Jan 2014, 1-10.
138. Teslovich, T., Mulder, M., Franklin, N.T., Ruberry, E., 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. Covered by NPR 2013.
139. **Casey, BJ**, Oliveri, ME & Insel, T (2014) A neurodevelopmental perspective on RDoC. *Biological Psychiatry*. 76:5 350–353.
140. Cohen, AO & **Casey, BJ** (2014) Rewiring juvenile justice: the intersection of developmental neuroscience and legal policy. *Trends in Cognitive Sciences* 18 (2), 63-65
141. Douet, V., Chang, L, Pritchett, A, Lee, K, Keating, B, Bartsch, H., Jernigan, T., Dale, A., Akshoomoff, N, Murray, S., Bloss, C., Kennedy, D., Amaral, D., Gruen, J., Kaufmann, W, **Casey, BJ**, Sowell, E., and Ernst, T (2014). Schizophrenia-risk variant rs6994992 in the neuregulin-1 gene on brain developmental trajectories in typically-developing children. *Translational Psychiatry*. *Transl Psychiatry* (2014) 4, e392; doi:10.1038/tp.2014.41
142. Dreyfuss, M., Caudle, K.L., Drysdale, A.T., Johnston, N.E., Cohen, A.O, Somerville, L.H., Galvan, A, Tottenham, N, Hare, T.A., & **Casey, B.J.** (2014) Teens Impulsively React Rather than Retreat from Threat. *Developmental Neuroscience*. 36:220-227
143. Helfinstein, SM & **Casey, BJ** (2014) Commentary on Spielberg et al., “Exciting fear in adolescence: Does pubertal development alter threat processing?” *Developmental Cognitive Neuroscience* 8 (2014) 96–97
144. Jones, R, Somerville, LH, Li, J, Ruberry, E, Powers, A, Mehta, N, Dyke, J & **Casey, BJ** (2014) Adolescent-specific patterns of behavior and neural activity during social reinforcement learning. *Cognitive, Affective and Behavioral Neuroscience*. 14 (2), 683-697
145. Jones, OD, Bonnie, RJ **Casey, BJ** Davis, et al, *Law and Neuroscience: Recommendations Submitted to the President's Bioethics Commission*, 1(2) *J Law Biosci* 224 (2014).
146. Johnson, DC, **Casey, BJ** (2014). Easy to remember, difficult to forget: The development of fear regulation, *Developmental Cognitive Neuroscience*. DOI: 10.1016/j.dcn.2014.07.006
147. Karmiloff-Smith, A, **Casey, BJ**, Massand, E, Tomalski, P and Thomas, MSC (2014). Environmental and Genetic Influences on Neurocognitive Development: The Importance of Multiple Methodologies and Time-Dependent Intervention. *Clinical Psych Science*, 1-10.
148. Liston, C., Chen, A., Zebley, B.D., Drysdale, A., Gordon, R., Leuchter, B., Voss, H.U., **Casey, BJ.**, Etkin, A., & Dubin, M.J. (2014). Default Mode Network Mechanisms of Transcranial Magnetic Stimulation in Depression. *Biological Psychiatry*. Volume 76, Issue 7, 1 October 2014, Pages 517–526
149. Lourenco, F & **Casey, BJ** (2014) Adjusting behavior to changing environmental demands with development *Neuroscience & Biobehavioral Reviews* 37 (9), 2233-2242
150. Silvers, JA Insel, C, Powers, A Franz, P, Weber, J, Mischel, W, **Casey, BJ** & Ochsner, K (2014) Curbing Craving: Behavioral and Brain Evidence That Children Regulate Craving When Instructed to Do So but Have Higher Baseline Craving Than Adults. *Psychological Science*. DOI: 10.1177/0956797614546001
151. Teslovich, T, Freidl, EK, ...**Casey, BJ** & Mayer, L (2014) Probing behavioral responses to food: Development of a food-specific go/no-go task, *Psychia Research*, 219:1, 166–170

152. Tottenham, N., Hertzog, M.E., Gillespie-Lynch, K., Gilhooly, T., Millner, A., & **Casey, BJ**. (2014). Elevated amygdala response to faces and gaze aversion in autism spectrum disorder. *Social Cognitive, & Affective Neuroscience*. 14:2, 683-697.
153. Johnson, D & **Casey, BJ** (2014) Easy to remember, difficult to forget: the development of fear regulation. *Developmental Cognitive Neuroscience*. DOI: 10.1016/j.dcn.2014.07.006
154. **Casey BJ** & Durston, S (2014) The impact of stimulants on cognition and the brain in ADHD: What does age have to do with it? *Biological Psychiatry*.
155. Lee, FS, Heimer, H, Giedd, JN, Lein, ES, Sestan, N, Weinberger, D. & **Casey, BJ*** (2014) Adolescent mental health: An opportunity and an obligation. *Science* 346:547-549.
156. **Casey, B. J.** "Beyond simple models of self-control to circuit-based accounts of adolescent behavior." *Annual Review of Psychology* 66.1 (2015).
157. **Casey, BJ** (2015). But would I wait for more pie. A review of Walter Mischel's The Marshmallow Test: Mastering Self-Control. *The APS Observer*.
158. **Casey, BJ** & Glatt, GE, Lee, FS (2015) Treating the developing versus the developed brain: Preclinical mouse and human studies. *Neuron* 86 (6), 1358-1368
159. **Casey, BJ** & Lee, FS (2015) Optimizing Treatments for Anxiety by Age and Genetics. *Annals of the New York Academy of Sciences*.
160. Dincheva I, Drysdale AT, Hartley CA, Johnson DC, Jing DQ, King EC, Ra S, Gray JM, Yang R, DeGruccio AM, Huang C, Glatt CE, Hill MN, **Casey BJ** * & Lee FS* (2015). FAAH genetic variation enhances frontoamygdala function in mouse and human. *Nature Communications*.
161. Gee, D & **Casey, BJ** (2015) The effects of timing and buffering of stressful life events. *Neurobiology of Stress*.
162. Newman, E, Thompson, WK, Bartsch, H, Hagler JR, DJ, Chen, C-H, Brown, TT, Kuperman, JM, McCabe, C, Chung, Y, Libiger, O, Akshoomoff, N, Bloss, CS, **Casey, BJ** et al (2015) Anxiety is related to indices of cortical maturation in typically developing children and adolescents. *Brain imaging and behavior*, 1-11.
163. Heller, A & **Casey, BJ** (2015) Emotion Regulation: It's all in the timing. *Dev Science*.
164. Jernigan, T, Brown, TT, Hagler Jr., DJ, Akshoomoff, N, Bartsch, H, Newman, E, Thompson, W.K., Bloss, CS, Murray, SS, Schork, N, Kennedy, DN, Kuperman, JM, McCabe, C, Chung, Yoonho, Libiger, O, Maddox, M, **Casey, BJ** et al. (2015) The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. *Neuroimage*.
165. Johnson, D & **Casey, BJ** (2015) Extinction during memory reconsolidation blocks recovery of fear in adolescents. *Nature Scientific Reports*.
166. Lorenzo, F, Decker, JH, Pederson, G, Dellarco, D, **Casey, BJ** & Hartley, C, (2015). Consider the source: peers and adults differentially influence adolescent choices. *PlosOne*.
167. Noble, KG, Houston, SM, Bartsch, H, Kan, E, Kuperman JM, Akshoomoff, N, Bloss, CS, **Casey, BJ** ... Sowell, ER (2015). Family Income, Parental Education and Brain Development in Children and Adolescents. *Nature Neuroscience*.
168. Pattwell, S Liston, C Jing, D, Ninan, I, Yang, RR, **Casey, BJ**, Deisseroth, K, Lee, FS Leveraging dynamic changes in neural circuitry during adolescence to persistently attenuate fear memories. 2015 *Nat Comm*.
169. Powers, A & **Casey, BJ** (2015) The Adolescent Brain and the Emergence and Peak of

Psychopathology. Journal of Infant, Child and Adolescent Psychotherapy.

170. Rasmussen JM, **Casey BJ**, van Erp TGM, Tamm L, Epstein JN, Buss C, Bjork JM, Molina BSG, Velanova K, Mathalon DH, Somerville LH, Swanson JM, Wigal T, Arnold LE, Potkin SG, MTA Neuroimaging Group. (2015) ADHD and Cannabis Use in Young Adults Examined Using fMRI of a Go/NoGo Task. *Brain Imaging and Behavior*.
171. van Duijvenvoorde, A, Huizenga, H., Somerville, L, Delgado, M, Powers, A, Weeda, W, **Casey, BJ**, Weber, E & Figner, B. (2015) Neural correlates of expected risks and returns in risky choice across development *J Neuroscience*.
172. **Casey, BJ**, Galvan, A, Somerville, LH (2016). Beyond simple models of adolescence to an integrated circuit-based account: A commentary. *Developmental Cognitive Neuroscience*.
173. Cohen, AO, Dellarco, DV, Breiner, K, Helio, C, Heller, AS, Rahdar, A, Pedersen, G, Chein, J, Dyke, JP, Galvan, A & **Casey, BJ** (2016) The impact of emotional states on cognitive control circuitry and function, *Journal of cognitive neuroscience*
174. Cohen, A.O., Breiner, K, Steinberg, L, Bonnie, R.J., Scott, E.S., Taylor-Thompson, K.A., Rudolph, M.D., Chein, J, Richeson, J.A., Heller, A.S., Silverman, M.R., Dellarco, D.V., Fair, D.A., Galvan, A. & **Casey, B.J** (2016). When is an adolescent and adult? Assessing cognitive control in emotional and non-emotional contexts, *Psych Science*
175. Chang, L, Douet, V, Bloss, CS, Lee, K, Pritchett,A, Jernigan, TL, Ashoomoff, N, Murray, SS, Frazier, J, Kennedy, DN, Amaral, DG, Gruen,J, Kauffman, WE, **Casey, BJ**, Sowell, E & Ernst, T (2016) Gray Matter Maturation and Cognition in Children with Different APOE-epsilon Genotypes. *Neurology*.
176. Cohen, A., Bonnie, R., . Taylor-Thompson, K, & **Casey, B.J.** (2016). When Does a Juvenile Become an Adult? Implications for Law and Policy, *8Temple Law Review* 88: 769 .
177. Drysdale, A. ... **Casey, BJ**, Dubin, M & Liston, C (2016) Resting-state connectivity biomarkers define neurophysiological subtypes of depression. *Nature Medicine*.
178. Dyke JP, Sondhi D, Voss HU, Yohay K, Hollmann C, Mancenido D, Kaminsky SM, Heier LA, Rudser KD, Kosofsky B, **Casey BJ**, Crystal RG & Ballon D. (2016) Brain region specific degeneration with disease progression in Late Infantile Neuronal Ceroid Lipofuscinosis (CLN2 Disease). *American Journal of Radiology*
179. Gee, DG, Fetcho, R ... Dale, AM, Jernigan, TL, Lee, FS, **Casey, BJ** and PING Consortium (2016) Individual differences in frontolimbic circuitry and anxiety emerge with adolescent changes in endocannabinoid signaling across species. *Proc Natl Acad Sci. USA* .
180. Heller, A, Cohen, AO, Dreyfuss, M & **Casey, BJ** (2016) Changes in cortico-subcortical and subcortico-subcortical connectivity impact cognitive control to emotional cues across development *Social Cognitive and Affective Neuroscience*, 17, 128-130
181. Jernigan, TL, Brown, TT... **Casey, BJ** ... Dale, A (2016) *The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository*. *Neuroimage*.
182. Pattwell, SS, Liston, C, Ninan, I, Yang, RR, Witztum, J, Murdoch, MH, Dincheva, I, Bath, KG, **Casey, BJ**, Deisseroth, K & Lee, FS (2016) Dynamic changes in neural circuitry during adolescence are associated with persistent attenuation of fear memories. *Nature Communications*.
183. Silvers, J. A., Insel, C., Powers, A., Franz, P., Helion, C., Martin, R. E., Weber, J., Mischel, W., **Casey, B.J.**, & Ochsner, K. N. (2016). VIPFC-vmPFC-amygdala interactions underlie age related differences in cognitive regulation of emotion. *Cerebral Cortex*.

184. Silvers, JA, Insel, C, Powers, A, Franz, P, Helion, C, Martin, R, Weber, J, Mischel, W, **Casey, BJ** & Ochsner, KN, (2016) *The transition from childhood to adolescence is marked by a general decrease in amygdala reactivity and an affect-specific ventral-to-dorsal shift in medial prefrontal recruitment*, *Developmental Cognitive Neuroscience*.
185. Wagner, A., Bonnie, RJ, **Casey, BJ** et al (2016). *fMRI and Lie Detection: A Knowledge Brief of the MacArthur Foundation Research Network on Law and Neuroscience*.
186. **Casey, BJ** et al. (2017). *How should justice policy treat young offenders: A Knowledge Brief of the MacArthur Foundation Research Network on Law and Neuroscience*.
187. Dincheva, I, Yang, J, Li A, Marinic, T, Freilingsdorf, H, Huang, C, **Casey, BJ**, Hempstead, B, Glatt, CE, Lee, FS, Bath, KG & Jing, D (2017). *Effect of Early-Life Fluoxetine on Anxiety-Like Behaviors in BDNF Val66Met Mice*. *Amer Journal of Psychiatry*. <https://doi.org/10.1176/appi.ajp.2017.15121592>.
188. Dreyfuss, MD, Riegel, ML, Pederson, GA, Cohen, AO, Silverman, MR, Dyke, JP, Mayer, LES, Walsh BT, **Casey, BJ** & Broft, AI (2017) *Patients with bulimia nervosa show diminished neurodevelopment of cognitive control under emotional arousal*. *Psychiatric Research: Neuroimaging*, 266:59-65.
189. Rudolf, M ... Galvan, A., **Casey, BJ**, Fair, D. (2017) *At risk of being risky: the relationship between "brain age" under emotional states and risk preference*. *Developmental Cognitive Neuroscience*, 24: 93-106.
190. Akshoomoff, N, Brown, T.T., Bakeman, R, Hagler, Jr., D.J. et al (2018) *Developmental differentiation of Executive Functions on the NIH Toolbox Cognition Battery*. *Neuropsychology* Vol. 32, No. 7, 777–783.
191. Breiner, K, Li, A, Cohen, AO, Steinberg, L, Bonnie, RJ, Scott, ES, Taylor-Thompson, K, Rudolph, MD, Chein, J, Richeson, JA, Dellarco, D, Fair, DA, **Casey, BJ** & Galván, A (2018) *Combined effects of peer presence, social cues and rewards on cognitive control in adolescents*. *Dev Psychobiology*. 60(3):292-302.
192. **Casey, BJ**, Cannonier, T, Conley, MI, Cohen, AO ... Fair, DA & Dale, A and the ABCD Imaging Acquisition Workgroup (2018). *The ABCD Study: Imaging Acquisition across 21 Sites*. *Dev Cog Neuroscience*, 32: 43-54.
193. Rosenberg, M, **Casey, BJ** & Holmes, A (2018). *Predictive modeling complements descriptive explanation in developmental science*. *Nature Communications*. DOI: 10.1038/s41467-018-02887-9
194. Conley, M, Dellarco, D, Rubien-Thomas, Cervera, A, Cohen, AO, Tottenham, N & **Casey, BJ** (2018). *The Racially Diverse Affective Expressions (RADIATE) Face Stimulus Set*. *Psychiatric Research* pii: S0165-1781(17)32189-3. doi: 10.1016/j.psychres.2018.04.066.
195. Dreyfuss, MD, Riegel, ML, Dellarco, DV, Silverman, MR, Gregory, CA, Gee, DG, Mayer, LES, Walsh BT, **Casey, BJ** & Broft, AI (submitted) *Food cues and negative affect differentially predict impulsivity in typical and atypical eating behaviors*. *Psychiatric Research*.
196. Hagler Jr., D, Hatton, SN, Makowski, C., Cornejo, MD, Fair, DA, Dick, AS, Sutterland, MT, **Casey, BJ** et al. (2019) *Image processing and analysis methods for the Adolescent Brain Cognitive Development Study*. *Neuroimage*.202,116091 <https://doi.org/10.1016/j.neuroimage.2019.116091>
197. Helion, C, Silvers, J, Powers, A, Dreyfuss, M, Jacoby, N, Insel, K, Martin, R, Weber, J, Mischel, W, **Casey, BJ** & Oschner, K (under re-review). *Reappraisal vs. impulse control: Comparing strategies for regulating negative emotions across development*.

198. *Martin, RE, Silvers, J, Hardi, F, Stephano, T, Helion, C, Insel, C, Franz, P, Ninova, E, Lander, JP, Mischel, W, Casey, BJ & Ochsner, KN (2019) Longitudinal changes in brain structures related to appetitive reactivity and regulation across development. DCN*
199. *Bos, DJ, Dreyfuss, MD, Tottenham, T, Hare, T., Galvan, A, Casey, BJ & Jones, R (2019). Distinct and similar patterns of emotional development in adolescents and young adults. PsyArXiv. DOI: [10.31234/osf.io/s98mh](https://doi.org/10.31234/osf.io/s98mh)*
200. *Casey, BJ (2019). Healthy development as a human right: Lessons from developmental science. Neuron. 102 (4), 724-727*
201. *Casey, BJ, Heller, A, Gee, D & Cohen, A (2019) Development of the Emotional Brain. Neuroscience Letters. 693: 29-34. PMID:PMC5984129, DOI: [10.1016/j.neulet.2017.11.055](https://doi.org/10.1016/j.neulet.2017.11.055)*
202. *Li A, Dellarco DV, Hall BS, Yang R, Heilberg RT, Huang C, Liston C, Jing D, Casey BJ, Lee FS. (2019). Atypical Development of an OFC-amygdala Circuit Reduces Sociability in Mouse and Human. Molecular Psychiatry. <https://doi.org/10.1038/s41380-019-0422-4>*
203. *Rosenberg, MD, Martinez, SA, Rapuano, KM, Conley, MI, Cohen. AO, ... Casey, BJ (2020) Behavioral and neural signatures of working memory in childhood. J Neurosci.*
204. *Casey, BJ, Taylor-Thompson, K Rubien-Thomas, E, Robbins, M & Baskins-Sommers, A, (2020). Healthy development as a human right: Insights from developmental science for youth justice, Ann Rev Law and Social Psychology, Volume 16*
205. *Chaarani, B., Allgaier, N., Hahn, S., Adise, S., Owens, M., Yuan, D.K., Loso, H., Ivanciu, A., Dumas, J., Mackey, S., Laurent, J., Ivanova, M., Hagler DJ Jr, Hatton S, Cornejo MD, Agarwal, A., Aguinaldo, L., Ahonen, L., Aklin, W., Alvarez, R., Anokhin, A., Arroyo, J, Avenevoli, S., Babcock, D., Bagot, K., Baker, F.C., Banich, M.T., Barch, D.M., Barrios, L.39, Bartsch, H., Baskin-Sommers, A., Bjork, J.M., Blachman-Demmer, D., Bloch, M., Bogdan, R.3, Bookheimer, S.Y., Breslin, F, Brown, S., Calabro, F., Calhoun, V., Casey, B.J. et al., (in press). Brain Function in the Pre-Adolescent Brain: Results from the ABCD Study.*
206. *Conley, MI, Hindley, I, Baskin-Sommers, A, Gee, DG, Casey, BJ & Rosenberg, MD (in press) The importance of social factors in the association between physical activity depression in children. Child and Adolescent Psychiatry and Mental Health*
207. *Rapuano, KM, Laurent, JS, Hagler, Jr, DJ, Hatton, SN, Thompson, WK, Jernigan, T, Casey, BJ & Watts, R (in press) Nucleus accumbens cytoarchitecture predicts weight gain in children. The Proceedings of the National Academy of Sciences, USA.*
208. *Rapuano, K M, Rosenberg, MD, Maza, MT, Dennis, N, Dorji, M, Greene, AS, Horien, C, Scheinost, D, RT, Constable, & Casey, BJ (in press) Behavioral and brain signatures of substance use vulnerability in childhood” for Dev Cognitive Neuroscience*
209. *Rubien-Thomas, E., Berrian, N., Cervera, A., Nardos, B., Cohen, A.O., Lowery, A., Daumeyer, N., Camp, N., Hughes, B.L., Eberhardt, J.L., Fair, D.A., Taylor-Thompson, K.A., Richeson, J.A., and Casey, BJ (under review). Attentional focus to race is associated with impulsive responses to black faces: Insights from neuroimaging.*
210. *Conley, MI, Skalaban, L, Rapuano, K, Gonzalez, R, Laird, AR, Dick, AS, Sutherland, MT, Watts, R, Casey, BJ (in press). Altered hippocampal microstructure and function in children who experienced Hurricane Irma.*
211. *Surge, L et al. (in press) Rates of Incidental Findings on Brain MRI in Children, JAMA Neurology*
212. *Zhao, W, Palmer, CE, Thompson, WK, Chaarani, B, Garavan, H, Casey, BJ, Jernigan TL,*

Dale, AM, & Fan, CC (in press) Individual differences in cognitive performance are better predicted by global rather than localized BOLD activity patterns across the cortex. *Cerebral Cortex*.

Books and Book Chapters

1. Richards, J.E. & **Casey, B.J.**, Development of sustained visual attention in the human infant. *The Langfeld Lecture Series: Comparative and Developmental Analyses of Sensory Information 1991*(pp. 30-60) Princeton University Press: Princeton.
2. **Casey, B.J.**, Cohen, J.D., Noll, D., Schneider, W., Giedd, J., & Rapoport, J.L. Functional magnetic resonance imaging: Studies of Cognition. In E.D. Bigler (Ed.) *Handbook of Human Brain Function: Neuroimaging II: Clinical Applications*. 1996 (pp. 299-329). Plenum Press: NY
3. Thomas, K. M. & **Casey, B.J.** Functional magnetic resonance imaging in pediatrics. In P. Bandetinni & C. Moonen (Eds.) *Medical Radiology: Functional Magnetic Resonance Imaging*. 1999; (pp. 513-523) New York, NY: Springer Verlag
4. **Casey, B.J.**, Thomas, K. M., Welsh, T., Livnat, R., & Eccard, C. Cognitive and behavioral probes of development using functional magnetic resonance imaging. In M. Ernst & J.M. Rumsey (Eds.) *Functional Neuroimaging in Child Psychiatry*. 2000 (pp. 155-168). New York, NY: Cambridge University Press
5. **Casey, B.J.** Development and Disruption of Inhibitory Mechanisms of Attention. In R. S. Siegler & J.L. McClelland (Eds.) *Mechanisms of Cognitive Development: The Carnegie Symposium on Cognition, 2000 Vol. 28*(pp. 155-168). Hillsdale, NJ: Erlbaum.
6. **Casey, B.J.**, Thomas, K.M., & McCandliss, B.M. Applications of Magnetic Resonance Imaging to the study of development. In C. A. Nelson and M. Luciana (Eds.) *The Handbook of Developmental Cognitive Neuroscience*, 2001 MIT Press: Cambridge, MA.
7. Thomas, K. M. & **Casey, B.J.**, Methods in Developmental Cognitive Neuroscience: MRI, fMRI and ERP. In M. de Haan & MH Johnson (Eds.) *The Cognitive Neuroscience of Development 2003* (pp. 19-41.). East Sussex, UK: Psychology Press.
8. **Casey, B.J.** *Developmental Psychobiology, Review of Psychiatry Series, Volume 23 Editor*, 2004; American Psychiatric Publishing (book).
9. **Casey, B.J.** Frontostriatal and Frontocerebellar Circuitry underlying Cognitive Control in U Mayr, E. Owh & SW Keele (Eds) *Developing individuality in the Human Brain*. 2005; American Psychological Association: Washington, DC.
10. Noble, K, Tottenham, N & **Casey, B.J.** Neuroscience Perspectives on Disparities in School Readiness and Cognitive Achievement. *Future of Children*. 2005; 15:1-19. Princeton/Brookings
11. **Casey, B.J.**, Amso, D & Davidson, MC (2006). Learning about learning and development with neuroimaging. In M. Johnsons & Y. Munakata (Eds). *Attention and Performance XXI: Processes of Change in Brain and Cognitive Development*. Cambridge, MA: MIT
12. **Casey, B.J.**, Durston, S., Tottenham, N., Spicer, J, Eigsti, I-M., Galvan, A., Davidson, M.C.

& Fossella, J. *Disruption of Frontostriatal Circuitry, Dopamine and Cognitive Control in ADHD*. In D. Barch (Ed.) *Cognitive and Affective Neuroscience of Psychopathology* Oxford Press.

13. Durston, S & **Casey, B.J.** *Imaging Studies of ADHD*. In (Ed.) *Progress in Attention-Deficit/Hyperactivity Disorder Research* (2006).
14. Scerif, G, Kotsoni, E & **Casey, B.J.** *Functional neuroimaging of development*. Roberto Cabeza and Alan Kingstone, (Eds.) *Handbook on Functional Neuroimaging of Cognition: Second Edition*, MIT Press. (2006).
15. **Casey, B.J** & Durston, S *Cognitive neuroscience approaches to normal and abnormal development*. In D. Charney & E. Nestler's *The Neurobiology of Mental Illness: 3rd edition* (2008)
16. Levita, L, Jones, R & **Casey, B.J**, *BOLD fMRI: An Update with Emphasis on Pediatric Applications*. In M. Ernst & J.M. Rumsey (Eds.) *Functional Neuroimaging in Child Psychiatry. 2nd Edition* (2008).
17. **Casey, B.J**, Libby, V & Ruberry, EJ. *Adolescence and Risk for Anxiety and Depression: Insights from Human Imaging to mouse genetics*. In Kendler (ED) *The Dynamic Gene and Mental Health*. Oxford Press (in press).
18. Nigg, J.T., Martel, M.M., Nikolas, M., & **Casey, B.J.** (2010). *Intersection of Emotion and Cognition in Developmental Psychopathology*. In & S.D. Calkins & M.A. Bell (Eds.), *Child Development at the Intersection of Emotion and Cognition* (pp 225-245). Washington, D.C.: American Psychological Association Press.
19. Arnstein, AFT & Casey, BJ. *Prefrontal Cortical Organization and Function: Implications for Externalizing Disorders Biological Psychiatry (Invited Editors) Volume 69, Issue 12, Pages 1131-1132, 15 June 2011*
20. **Casey, B.J**, Hare, T & Galvan, A. *Decision Making In Adolescents*. M Delgado, E. Phelps & Robbins (Eds). *Attention and Performance: Processes of Change in Brain and Cognitive Development*. Cambridge, MA: MIT (2011)
21. **Casey, B.J**, & Riddle, M. (2012) *Typical and atypical development of attention*. In MI Posner's (Ed) *Cognitive Neuroscience of Attention: 2nd Edition*. Guilford press
22. **Casey, B.J** Franklin, N & Malter Cohen, M. (2013) *Disorders of cognitive control* In P Rakic & J Rubenstein (Eds) *Neural Circuit Development and Function in the Healthy and Diseased Brain: Comprehensive Developmental Neuroscience, Vol. 3* Elsevier.
23. Caudle, K & **Casey, B.J** (2013) *Brain Development and the Risk for Substance Abuse*. In Nestler, E & Charney, D (Eds) *Neurobiology of Mental Illness, 4th Edition*.
24. Bhide, P, Kosofsky, B, **Casey, B.J** (2014) *The Teen Brain: Think Differently? Editors of Special Issue of Developmental Science*
25. **Casey B.J** & Galvan, A (2017) *The Teen Brain: "Arrested Development" in Resisting Temptation*. In T Braver (Ed) *Cognitive Control and Motivation*.
26. Cohen, A & **Casey, B.J** (2017). *The neurobiology of adolescent self control*. In T Egner (Ed). *Handbook of Cognitive Control*.
27. Heitzig, M & **Casey, B.J** (2018) *Brain Development and the Risk for Substance Abuse*. In

Abstracts:

Abstracts available upon request.

J. Invited Lectures and Presentations

- “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.
- “Treating the developing vs developed brain: Insights from human imaging and rodent studies” 25th anniversary celebration symposium of psychological discoveries, APS (cancelled due to COVID pandemic)
- “The teen brain: Half-baked or well done”, Parents and Science Program, The Rockefeller University, New York, NY March 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 fro 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 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

K. Mentees/Trainees/Advisees:

Director Psychology - neuroscience track (2019-present)

Interim DUS of Psychology (spring 2021)

Faculty Mentor

Primary faculty mentor

Dr. Sam McDougle

Secondary faculty mentor

Dr. Steve Chang

Dr. Maria Gendron

Dr. Dylan Gee

Dr. Arielle Baskin-Sommers

Pre and Postdoctoral Trainees

Trainee	Training	Training Period	Title of Research Project	Current Position or source of funding
K.M. Thomas*	Post	1999-001	Effects of IVH on cognitive control	Professor, Univ Minnesota
I. M. Eigsti	Post	2001-004	Attention and learning in ASD	Professor, UConn
S. Durston	Pre	2001-003	Development of cognitive control	Professor, Medical U. of Utrecht
N. Tottenham	Pre	2001-005	Development of affective neural systems	Professor, Columbia University
M. Davidson	Post	2002-005	Basal ganglia and cerebellar signals of prediction error	Lecturer, UMass Amherst
A. Galvan	Pre	2002-006	Science of adolescent risk taking	Professor, UCLA
T A. Hare	Pre	2004-007	The adolescent brain and affective disorders	Professor, University of Zurich
C. Liston*	Pre	2004-006	Effects of stress on prefrontal cortex in rodents and humans	Associate Professor, Weill Cornell Medical College
K. Bath	Post	2005-008	Adolescent mouse studies on stress	Associate Professor, Columbia University /NYSPI
F. Soliman	Pre	2007-010	Neural and genetic basis of fear extinction	Radiologist, New York Presbyterian Hospital
R. M. Jones	Pre	2007-012	Peers as conditioned reinforcer for teens	Data Analytics, Imagen Technologies
S. Duhoux	Post	2007-009	Cued fear extinction learning in adolescents	Director, Medical Affairs, Tris Pharma
T Teslovich	Pre	2008-012	Impact of rewards on decision making in teens	Director of Learning Science & Research at Branching Minds, Inc.
L.H.Somerville*	Post	2009-012	Social and affective adolescent development	Professor, Harvard University
A. Drysdale	Pre	2010-013	Impact of genetic variation on frontolimbic function and dev	MD PhD Psychiatry Resident, Washington University

A. Heller	Post	2012-013	Temporal neurodynamics of emotional processes across age	Assistant Professor University of Miami
D. Johnson	Pre	2010-015	Memory reconsolidation in adolescents	Assistant Professor York College, CUNY
F. Lorenzo	Pre	2010-015	Effects of peers on learning	McKinsey & Co. Consultant
C. Helion	Pre	2012-014	Common and distinct signatures of emotion regulation and reappraisal	Assistant Professor Temple University
A.O. Cohen	Pre	2012-017	When is an adolescent an adult	Postdoctoral Fellow, NYU
M.D. Dreyfuss	Pre	2014-017	Neural correlates of Eating-Problem Behavior	Medical Domain Expert, K Health
A Li	Pre	2014-017	Social learning in mice and humans	MD PhD Tri-Institutions: Weill Cornell, Rockefeller and MSK
Cate Hartley	Post	2014-016	Model-free and model-based learning	Assistant Professor, NYU
D. Gee	Post	2015-016	Effects of FAAH genotype on brain development and function	Assistant Professor, Yale
E. Rubien-Thomas	Pre	2015-	Impact of threat on interracial reactions	NSF Fellowship
M. Rosenberg	Post	2017-019	Connectome based predictive modeling of attention across age	Assistant Professor U Chicago
M. Conley	Pre	2018-	Impact of scarcity of resources on adolescent mental health	Arts and Sciences, Yale
K. Rapuano	Post	2018-	Development of neural predictors of addiction	NIH R01 grant on FTO gene and obesity
L. Skalaban	Pre	2019-	"Forgetting" across the lifespan	Arts and Sciences, Yale
E. Busch	Pre	2020	"Fine-grained Functional Connectivity in MZ and DZ twins	Arts and Sciences, Yale (co-mentor N. Turk-Browne)
C. Simmons	Pre	2020-	"Adolescent development related to criminal behavior"	NIJ ABCD SD Substudy (co-mentor A Baskin-Sommers)

* Former K awardee

Psychology Dissertation Committees:

2017 Arber Tassimi
2018 Adam Chekroud
2019 Rebecca Boswell
2020 Kevin Anderson

Psychology Graduate 1st Year Paper:

2016 Emily Cohodes
2016 Paola Odriozola
2016 Estee Rubien-Thoams
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

INP Qualifying Exam and Dissertation Committees

2017 Abigail Green
2018 Michael Farruggia
2019 Sahana Kribakaran
2020 Danielle Goldman
2020 Link Tejavibulya

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-present Nia Berrian
2019-present Nick Dennis
2019-present Garrett Schwartz
2019-present Kylie Woodman
2020-present Emil Beckford
2020-present Jasmine Hernandez
2020-present Haley Mitchell-Adams

Undergraduate Mentoring and Advising

Hopper College Fellow Freshman advisees

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

Neuroscience Major advisees:

2019 Nia Berrian
2019 Mila Dorji
2019 Hale Jaeger
2019 Reagan Blohowiak
2019 Mary Barnette
2020 Ed Naz Dinc
2020 Brandon Scott

Yale Psychology Undergraduate senior essays/theses

2019 Nia Berrian- neuroscience major thesis

2020 Mila Dorji-neuroscience senior thesis
2018 Cassie Goodnight- senior essay
2019 Melanie Grad-Freilich- senior essay with distinction 2019
2019 Bella Hindley-senior essay 2019
2018 Ariel Lowrey-senior essay with distinction
2019 Alice Oh-senior essay with distinction and Angier prize recipient 2019
2019 Cailley Silbert-senior essay
2019 Dudley Hall- Cognitive Science senior essay
2020 Annie Nields- senior thesis

Yale Undergraduate Research Volunteers

2016 Sophie Rader
2016 Makana Williams
2017 Elizabeth Adelson
2017 Faizah Alaoui
2017 Evin Henriquez-Groves
2018-present Annie Nields
2018-present Kristina Delagarza
2019-present ME Cunningham
2019-present Miranda Papes
2019-present Brandon Scott
2020 Emil Beckford
2021-present Ivan Chan
2021-present Esther Choi
2021 Layla Lopez

Date: 01/01/2021

Signature: 

BJ Casey, PhD