

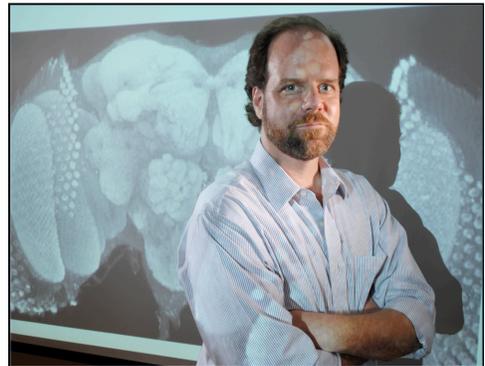
Kendal Scot Broadie

Curriculum Vitae

Eldon Stevenson Jr. Professor of Neurobiology
Professor of Cell and Developmental Biology
Professor of Pharmacological Sciences
Vanderbilt University & Medical Center
Nashville, Tennessee 37235-1634

<http://www.mc.vanderbilt.edu/labs/broadie/>

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Personal Information:

Age: 53, born 10 March 1966, Silver Bow County, Montana, USA
Spouse: Emma Marjorie Rushton (British Citizen; U.S. Citizen)
Offspring: 1 Son, Duncan Alasdair Amsler Broadie (born in Utah; July, 1998)
1 Daughter, Fiona Caitlin Broadie (born in Utah; July, 2001)

Education/Degrees:

University of Cambridge Cambridge, England, UK	9/1989 - 5/1994	<i>Doctor of Philosophy, 1994</i> Genetics, Neurobiology <u>Sandler Genetics Prize</u>
University of Oregon Eugene, Oregon, USA	9/1984 - 6/1989	<i>Bachelor of Science, 1989</i> Biology, Chemistry <u>Summa Cum Laude</u>

Appointments:

Professor (2009-present)	Department of Cell and Developmental Biology Vanderbilt University Medical Center, Nashville, TN
Endowed Chair (2004-present)	Eldon Stevenson Jr. Professor of Neurobiology Vanderbilt University, Nashville, TN

Program Director (2003-2008)	Developmental Neurobiology & Brain Plasticity Vanderbilt Kennedy Center for Research on Human Development
Neurosciences Core Director (2003-2008)	Vanderbilt Kennedy Center for Research on Human Development
Professor (2003-present)	Department of Pharmacology Vanderbilt University Medical School
Professor (2002-present)	Department of Biological Sciences Vanderbilt University, Nashville, Tennessee
Assistant Professor (1996-2002)	Department of Biology University of Utah, Salt Lake City, Utah
Research Fellow (1994-1996) Postdoctoral	University of Cambridge, Cambridge, England, UK Wellcome Trust Fellow
Research Fellow (1993-1996) Postdoctoral	Girton College, University of Cambridge, UK Rosamund Chambers Fellow
Graduate Student (1990-1993) Ph.D. Candidate	Department of Zoology, University of Cambridge Advisor: Professor C. Michael Bate, FRS
Fulbright Research Scholar (1989-90) Post-baccalaureate Student	Department of Zoology, University of Cambridge Advisor: Professor C. Michael Bate, FRS
Research Assistant (1987-89) Undergraduate Student	Institute of Neuroscience, University of Oregon Advisor: Professor Nathan J. Tublitz
Research Assistant (1986-88) Undergraduate Student	Department of Biology, University of Oregon Advisor: Professor William E. Bradshaw

Principal Fellowships:

Littlejohn Fellow (2014-2015)	Vanderbilt University, USA
EJLB Fellow (2000-2003)	Vanderbilt University, USA
Searle Scholar (1997-2000)	University of Utah, USA
Alfred P. Sloan Fellow (1996-98)	University of Utah, USA
Wellcome Trust Fellow (1994-96)	University of Cambridge, UK
Rosamund Chambers Fellow (1993-96)	Girton College, Cambridge, UK
Oliver Gatty Fellow (1990-93)	University of Cambridge, UK
Fulbright Fellow (1989-90)	University of Cambridge, UK

Principal Honors:

Best Research Prize (2014)	Graduate Student Association, Vanderbilt
Tenured Professor Research Prize (2012)	Graduate Student Association, Vanderbilt
Stevenson Chair (from 2004)	Neurobiology, Vanderbilt University
EJLB Scholar (2000-2003)	EJLB Foundation, Montreal CANADA (Honorary award, 1 of 7 awarded annually)
CAREER Fellow (1997-2001)	National Science Foundation (NSF), USA (Honorary Young Investigator Award)
Searle Scholar (1997-2000)	Searle Scholars Program, Chicago, USA (Honorary award, 1 of 15 awarded annually)
Young Investigator Award (1997-2000)	Office of Naval Research (ONR), USA (Honorary award, 1 of 20 awarded annually)
Sloan Scholar (1996-99)	Alfred P. Sloan Foundation, New York, USA (Honorary award, independent investigator)
Larry Sandler Prize (1994)	Genetics Society of America, Chicago, USA (Best Ph.D. thesis award from Genetics Society)
Rosamund Chambers Fellow (1993-96)	Girton College, Cambridge University, UK (Independent endowed research fellow)
Young Cell Biologist of the Year (1992)	British Society for Cell Biology, UK (Highest honors, annual BSCB competition)
BSDB Graduate Prize (1991)	British Society for Developmental Biology, UK (Highest honors, annual BSDB competition)
Overseas Research Award (1990-93)	University of Cambridge, UK (UK Parliamentary Award)
AFCU Award Scholar (1990-93)	University of Cambridge, UK (American Friends of Cambridge University)
Oliver Gatty Prize (1990-93)	University of Cambridge, UK (Prize graduate student scholarship)
Fulbright Scholar (1989-1990)	University of Cambridge, England, UK (Fulbright-Hays Act, US Congress Award)
<i>Summa Cum Laude</i> (1989)	University of Oregon, Eugene OR, USA (GPA 3.97, scale to 4.00: 99+ percentile)

Grant Support History:

2015-2016	Hobbs Discovery Grant, VKC	Vanderbilt University
2012-2018	National Institutes of Health: R01 MH096832	Vanderbilt University
2012-2014	FRAXA Foundation: Research Grant	Vanderbilt University
2009-present	National Institutes of Health: R01 MH084989	Vanderbilt University
2006-2012	National Institutes of Health: R01 MH07504	Vanderbilt University
2005-2007	Spastic Paraplegia Foundation	Vanderbilt University
2003-2005	VUMC Research Grant	Vanderbilt University
2002-2003	FRAXA Foundation: Research Grant	Vanderbilt University
2001-2007	National Institutes of Health: R01 HD40654	Vanderbilt University
2000-2010	National Institutes of Health: R01 NS41740	Vanderbilt University
2000-2002	Ara Parseghian Foundation: Research Grant	U. Utah/Vanderbilt Univ.
2000-2003	EJLB Foundation: Scholars Research Grant	U. Utah/Vanderbilt Univ.
2000-2001	FRAXA Foundation: Research Grant	University of Utah
1997-2012	National Institutes of Health: RO1 GM54544	U. Utah/Vanderbilt Univ.
1997-2001	National Science Foundation: CAREER	University of Utah
1997-2000	Searle Scholars Program: Fellowship	University of Utah
1997-2000	Office of Naval Research: YIA Grant	University of Utah
1996-2003	Muscular Dystrophy Association: Grant	U. Utah/Vanderbilt Univ.
1996-98	Alfred P. Sloan Foundation: Fellowship	University of Utah
1994-96	The Wellcome Trust: Research Fellowship	Cambridge University, UK
1993-96	Rosamund Chambers Research Fellowship	Cambridge University, UK
1992-94	The Royal Society: Research Grant	Cambridge University, UK
1991-92	Weis-Fogh Foundation: Weis-Fogh Award	Cambridge University, UK
1991	Oxford Bursary Award	University of Oxford, UK
1991	Cambridge Society Overseas Award	Cambridge University, UK
1990-93	British Society for Cell Biology: Honor Fell	Cambridge University, UK
1990	Grass Foundation: Grass Fellowship	Cold Spring Harbor, NY
1989-90	Fulbright Foundation: Fulbright Fellowship	Cambridge University, UK

Current Research Support:

“Genetic and Developmental Analyses of Fragile X Syndrome”

Sole Principle Investigator: Kendal S. Broadie, Ph.D.

Agency: National Institute of Mental Health (NIMH)

Type: RO1 MH084989

Period: 2009-present (4/2022)

Average Annual Award: \$538,000 (Direct: \$349,000, Indirect: \$189,000)

Independent Student Grant Support:

NIH predoctoral grant	2019-present	Shannon Leahy
Littlejohn research award	2019	Meghana Bhimreddy
VUSRP fellowship	2019	Harry Choi
NIH postdoctoral grant	2018-2020	Dr. Jim Sears

Vanderbilt GS research award	2018	Danielle Kopke
Vanderbilt USRP award	2018	Sofia Lima
NIH predoctoral grant	2017-2019	Danielle Kopke
Vanderbilt GS travel award	2016	Tyler Kennedy
Searle SyBBURE program	2015-2017	Jarrold Shilts
NIH predoctoral grant	2015-2016	Jenny Aguilar
CV Scholar summer research grant	2015	Scott Zhou
Vanderbilt Science Academy award	2015	Eriny Hanna
NIH predoctoral independent grant	2015-2018	Tyler Kennedy
NIH predoctoral training grant	2014-2015	Dominic Vita
Littlejohn research award	2014	Lily Schulenberg
NIH predoctoral training grant	2013-2015	Tyler Kennedy
NIH predoctoral independent grant	2013-2016	William Parkinson
Rosen/Weingarden fellowship, NFXF	2012	Sam Friedman
NIH predoctoral independent grant	2012-2013	Jon Staples
Vanderbilt Scientist Educator Fellow	2008-2011	Dr. Grace Andrews
FRAXA Foundation fellowship	2008-2010	Dr. Cheryl Gatto
NIH postdoctoral grant	2008-2010	Dr. Sarah Repicky
National Fragile X Foundation	2008-2009	Jean Luan
NIH postdoctoral grant	2007-2010	Dr. Scott Phillips
NIH postdoctoral grant	2006-2008	Dr. Cheryl Gatto
FRAXA Foundation fellowship	2006-2008	Dr. Charles Tessier
NIH K08 grant	2006-2007	Dr. Kevin Haas
NIH predoctoral grant	2005-2006	Ashleigh Long
Vanderbilt physicians grant	2004-2006	Dr. Kevin Haas
Vanderbilt predoctoral grant	2004-2006	Niranjana Vijayakrishnan
NIH postdoctoral grant	2004-2006	Dr. Shane Cunha
NIH predoctoral grant	2004-2005	Zoe McElligott
NIH predoctoral grant	2003-2005	Nick Trotta
NIH postdoctoral grant	2003-2005	Dr. Michael Schwartz
Kennedy Center fellowship	2003-2004	Dr. Yong Zhang
NIH predoctoral grant	2001-2003	Sean Speese
NIH predoctoral grant	2000-2003	Bob Renden
NIH postdoctoral grant	2000-2001	Dr. Kelly Beumer
FRAXA Foundation fellowship	2000-2001	Dr. Yong Zhang
Beckman Fellow	2000-2001	Kale Bodily
NIH predoctoral grant	1998-2000	Tim Fergestad
NIH postdoctoral grant	1998-2000	Dr. Chris Rodesch
NIH postdoctoral grant	1998-2000	Dr. David Featherstone

Postdoctoral Students:

Dr. Jim Sears	Ph.D., Heather Broihier (Case Western)	2017-present
Dr. Caleb Doll	Ph.D., Josh Gamse (Vanderbilt University) Present: Res. Asst. Professor, University of Colorado, Denver	2012-2017

Dr. Patricia Lucioni	Ph.D., Maria De Luca (University of Alabama) <u>Present:</u> Assistant Professor, Samford University Birmingham, Alabama	2012-2015
Dr. Sarah Repicky	Ph.D., Chuck Luetje (Univ. of Miami Medical School) <u>Present:</u> At home mother, disabled daughter (CCHS)	2007-2009
Dr. Cheryl Gatto	Ph.D., Stephen Lambert (Univ. Mass Medical School) <u>Present:</u> Assistant Director, Vanderbilt Institute for Clinical and Translational Research	2006-2016
Dr. Yanping Yan	Ph.D., Anthony Brown (Ohio State University) <u>Present:</u> Chief Operating Advisor, private sector company	2006-2007
Dr. Scott Phillips	Ph.D., Vytas Bankaitis (University of North Carolina) <u>Present:</u> Scientific Core Director, University of Alabama	2005-2010
Dr. Charles Tessier	Ph.D., Jeff Ross (Univ. of Wisconsin, Madison) <u>Present:</u> Research Assistant Professor and Scientific Core Director, University of Indiana Medical School	2005-2010
Dr. Kevin Haas	M.D., Ph.D., Bob MacDonald (Univ. of Michigan) Postdoc, Raymond Dingledine (Emory Univ.) <u>Present:</u> Assoc. Professor of Neurology, Vanderbilt	2004-2007
Dr. Shane Cunha	Ph.D., Kelly Mayo (Northwestern University) <u>Present:</u> Assoc. Professor, University of Texas Health Science Center, Houston	2004-2006
Dr. Michael Schwartz	Ph.D., Antonito Panganiban (Univ. of Wisconsin) Postdoc, Paul Ahlquist (Univ. of Wisconsin) <u>Present:</u> School Science Program Director, Memphis	2003-2005
Dr. Ralf Mohrmann	Ph.D., Kurt Gottmann (Ruhr-University Bochum) <u>Present:</u> Assoc. Professor, Univ. of Saarland, Germany	2001-2005
Dr. Heinrich Matthies	Ph.D., Richard Miller (University of Chicago) Postdoc, Larry Goldstein (Harvard) Postdoc, Scott Hawley (UC Davis) <u>Present:</u> Assistant Professor, University of Alabama	2001-2005
Dr. David Featherstone	Ph.D., Peter Ruben (University of Hawaii) <u>Last:</u> Professor, Univ. of Illinois, Chicago (<u>deceased</u>)	1998-2002
Dr. Chris Rodesch	Ph.D., Rod Nagoshi (University of Iowa) <u>Present:</u> Imaging Facility Director, Univ. of Utah	1998-2002
Dr. Yong Zhang	Ph.D., Michael Ashburner (Cambridge University) <u>Present:</u> Professor, Chinese Academy of Sciences, Beijing	1997-2004

Ashleigh Long Human Genetics Program/Vanderbilt 2005-2010
Ph.D. Thesis (July, 2010): The nonsense-mediated decay pathway maintains synapse architecture and synaptic vesicle cycle efficacy
Next Position: Medical Student, University of Kentucky Medical School, Class of 2015

Niranjana Vijaykrishnan Neuroscience Program/Vanderbilt 2004-2009
Ph.D. Thesis (February, 2010): Cellular roles of the *Drosophila* EFR3 Rolling Blackout (RBO) in synaptic transmission
Next Position: At home mother

Luyuan Pan Biological Sciences/Vanderbilt 2002-2007
Ph.D. Thesis (August, 2007): A *Drosophila* model of Fragile X Syndrome
Current Position: Senior Engineer, China Zebrafish Resource Center, Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan, China

Fude Huang Biological Sciences/Vanderbilt 2001-2005
Ph.D. Thesis (December, 2005): *Rolling Blackout* is required for both phototransduction and synaptic transmission in *Drosophila*
Current Position: Unit Head (PI), Shanghai, China

Nick Trotta Biological Sciences/Vanderbilt 2001-2005
Ph.D. Thesis (September, 2005): Genetic regulation of synaptic morphology and function
Current Position: Director of Market Development, Advanced Liquid Logic, Illumina, North Carolina

Laura Palanker Molecular Biology Program/U. Utah 2000-2002
Finished Ph.D. with Carl Thummel (University of Utah)
Current Position: Assistant Professor, SUNY-Binghamton, New York

Mark Smith Molecular Biology Program/U. Utah 2000-2002
Finished Ph.D. with Mary Beckerle (University of Utah)
Next Position: Postdoc with Mary Beckerle, Huntsman Cancer Institute, Utah

Sean Speese Molecular Biology Program/U. Utah 1999-2003
Ph.D. Thesis (May, 2005): Mechanisms of Synaptic Transmission and Modulation in *Drosophila* and *C. elegans* (together with Erik Jorgensen)
Current Position: Assistant Professor, Jungers Center for Neuroscience Research, Oregon Health & Science University, Portland OR

Robert Renden Neuroscience Program/U. Utah 1998-2003
Ph.D. Thesis (February, 2003): Genetic and Physiological Investigations of Neuromodulation in *Drosophila melanogaster*
Current Position: Assistant Professor, University of Nevada Medical School, Reno Nevada

Bharathi Aravamudan Molecular Biology Program/U. Utah 1997-2002
Ph.D. Thesis (March, 2002): Characterization and Regulation of *Drosophila* UNC-13: A Primary Determinant of Synaptic Vesicle Priming and Synaptic Transmission Efficacy
Current Position: Assistant Professor, Physiology, Mayo Clinic, Rochester, MN

Tim Fergestad Neuroscience Program/U. Utah 1996-2000
Ph.D. Thesis (November, 2000): Genetic and Electrophysiological Analyses of Presynaptic Function in *Drosophila melanogaster*
Next Position: Postdoctoral Fellow with Barry Ganetzky, University of Wisconsin, Madison

Lab Staff:

Darius Booth	Laboratory Technician	2018-present	
Joshua Mitchell	Laboratory Technician	2016-2018	Medical Imaging Program
Ryan Moore	Laboratory Technician	2014-2016	Dental School
Henry Zhu	EM Technician	2013-2015	Internal Medicine Resident
Qing-Xia Chen	Laboratory Technician	2007-2016	Went home to China
Ping Liang	Laboratory Technician	2005-2008	Lab tech, Vanderbilt
Nicole Christianson	Laboratory Technician	2004-2007	Lab tech, Vanderbilt
Elvin Woodruff	EM Technician	2003-2010	Tennessee State University
Elena Barnaeva	Laboratory Technician	2003-2005	Lab tech, Washington DC
Kristen Heideger	Laboratory Technician	2002-2004	Centennial Hospital nurse
Wendy Williams	Laboratory Technician	2001-2002	Biotech company
Joel Mancuso	EM Technician	2001-2002	Gatan, Inc San Francisco
Hillary Andrews	Laboratory Technician	2001-2002	Graduate School (Baylor)
Nicole Barney	EM Technician	2000-2001	Forensic EM Lab, NY
Virginia Walter	Laboratory Technician	1998-2002	Lab tech, U. Utah
Warren Davis	EM Technician	1997-2000	Biotech company
David Hiatt	Laboratory Technician	1996-1998	Biotech company
Emma Rushton	Senior Research Specialist	1996-present	

Undergraduate Students:

Aditi Deepak	2018-present	
Meghana Bhimreddy	2018-present	
Abhijeet Grewal	2018-2019	Vanderbilt University
Jake McDermott	2018-2019	Vanderbilt University
Anish Raman	2017-2018	Vanderbilt University
Harry Choi	2017-present	
Ayush Sanguri	2017-2019	Vanderbilt University
Demi Ajao	2017-2018	Vanderbilt University
Jacob Vest	2016-2018	Vanderbilt University
Sofia Lima	2016-2019	Research technician
Joe Jeffrey	2015-2018	University of Cincinnati, College of Medicine
Jenna Davis	2015-2018	University of Miami, Miller Medical School
Matthew Hauserman	2015-2017	University of Wisconsin-Madison, researcher
Jarrold Shilts	2014-2017	Graduate School (Cambridge, UK)
Moon Ryu	2014-2016	Vanderbilt University
Jeffrey Zhao	2014-2016	Vanderbilt University

Lilia Schulenberg	2013-2015	Medical School (Rush)
Eriny Hanna	2013-2016	Medical School (Vanderbilt)
Tristan Kindig	2013-2014	Vanderbilt University
Scott Zhou	2012-2016	Medical School (Northwestern)
Steven Zilberman	2012-2013	Vanderbilt University
Daniel Pereira	2011- 2014	Medical School (Alabama)
Aditya Karhade	2011-2012	Vanderbilt University
Sam Friedman	2010-2013	Medical School (Emory)
Zhuoheng Deng	2010-2011	Vanderbilt University
Chris Adkins	2010-2011	Vanderbilt University
MacKenzie Bell	2009-2010	Vanderbilt University
Deepak Chona	2009-2010	Vanderbilt University
Parker Dabbs	2009-2010	Vanderbilt University
Brad Stirling	2009-2010	Vanderbilt University
Kalie Deutsch	2009-2012	Medical School (Georgia)
Allison Gordon	2009	Vanderbilt University
Saul Siller	2008-2011	PhD/MD program (Stonybrook)
Lauren Haire	2008-2010	Vanderbilt University
Marlena Clark	2008-2009	Vanderbilt University
Sonya Pandian	2008	Vanderbilt University
Jonathon Kinne	2007	Vanderbilt University
Michael Bashour	2007	Vanderbilt University
Jean Luan	2007-2008	Vanderbilt University
Bittu Raj Majmudar	2006	Vanderbilt University
Ariana Beck	2005-2008	Medical School (Arizona)
Matthew Crawford	2005	Vanderbilt University
Krishanthan Vigneswaran	2005-2008	Medical School (UT Southwest)
Sarah Deery	2005	Vanderbilt University
Meaghan Patten	2005-2007	Medical School (Arizona Holistic)
Meeta Wagle	2004-2007	Medical School (University of Texas)
Cassandra Brooks	2004-2005	Vanderbilt University
Ryan Wagner	2004	Vanderbilt University
Chris Garay	2004	Vanderbilt University
Carly Williams	2004	Vanderbilt University
Joyce Sweeney	2004	Vanderbilt University
Tim Raissian	2003-2004	Vanderbilt University
Ernest Gray	2003-2004	Vanderbilt University
Joshua Smart	2003	Vanderbilt University
Kari Petrik	2003	Vanderbilt University
Elizabeth Booth	2002-2003	Vanderbilt University
Paul Walker	2001-2003	Medical School (Yale)
Jay Newby	2001-2002	University of Utah
Josh Parker	2001-2002	University of Utah
Robert Hydahl	2001-2002	University of Utah
Noah Jenkins	2001-2002	University of Utah
Jason Hadley	2001-2002	University of Utah
Adam Speer	2000-2002	University of Utah
Minde Willardsen	2000-2001	Graduate School (University of Utah)
Mike Devoe	2000	University of Utah

Jesse Heer	2000	University of Utah
Ryan Watts	1999-2000	Graduate School (Stanford University)
Amber Bradshaw	1999-2000	Medical School (University of Utah)
Hillary Andrews	1999-2001	Graduate School (Baylor College of Medicine)
Clay Morrison	1998-2001	Graduate School (Baylor College of Medicine)
Kale Bodily	1998-2001	Medical School (Mayo Clinic)
Keri Swearingen	1998-2000	University of Utah
Arie Sittichai	1998	Graduate School (University of Utah)
Matt Rondina	1998-99	Medical School (University of Utah)
Emily Malouf	1997-98	University of Washington
John Aldous	1997-98	Medical School (University of Utah)
Jason Penrod	1997-98	Medical School (University of Michigan)
Mike Adams	1997-98	Medical School (University of Utah)
Allyson Hart	1997	Medical School (San Francisco)
Harmony Baldwin	1996-98	DNA Learning Center (University of Utah)

Rotation Students:

Cole Meier	2019 (summer / fall)	Department of Biological Sciences
Chunzhu Song	2019 (spring)	Department of Biological Sciences
Shannon Leahy	2018 (summer / fall)	Department of Biological Sciences
Jason Russell	2017 (winter)	Interdepartmental Graduate Program
Payam Fathi	2017 (winter)	Interdepartmental Graduate Program
Jerome Arceneaux	2017 (fall / winter)	MD/PhD Program, Meharry Medical College
Parker Rundstrom	2017 (summer / fall)	Department of Biological Sciences
Megan Merolla	2016 (winter)	Interdepartmental Graduate Program
Sierra Palumbos	2015 (fall)	Interdepartmental Graduate Program
Ben Kesler	2015 (spring)	Interdepartmental Graduate Program
Randy Golovin	2015 (winter)	Neuroscience Program
Jenny Aguilar	2014 (fall)	Interdepartmental Graduate Program
Tyler Perfitt	2014 (winter)	Interdepartmental Graduate Program
Rodrigo Guillen	2013 (fall)	Interdepartmental Graduate Program
Danielle Kopke	2013 (summer / fall)	Department of Biological Sciences
Dominic Vita	2013 (summer / fall)	Department of Biological Sciences
Rongxin Shi	2013 (spring)	Department of Biological Sciences
Tyler Kennedy	2012 (fall)	Department of Biological Sciences
Mary Lynn Dear	2012 (winter)	Department of Biological Sciences
Garrett League	2011 (summer / fall)	Department of Biological Sciences
Jon Staples	2011 (summer / fall)	Department of Biological Sciences
Daniel Mills	2010 (fall)	Interdepartmental Graduate Program
William Parkinson	2010 (summer)	Department of Biological Sciences
Colin Bretz	2010 (spring)	Interdepartmental Graduate Program
Cassidy Cobbs	2009 (winter)	Interdepartmental Graduate Program
Olga Dadalko	2009 (fall)	Interdepartmental Graduate Program
Brad Robinson	2009 (spring)	Chemical and Physical Biology Program
Neil Dani	2008 (winter)	Interdepartmental Graduate Program
Gloria Laryea	2008 (fall)	Interdepartmental Graduate Program

Tessy Sebastian	2007 (winter)	Interdepartmental Graduate Program
Ryan Baldrige	2007 (winter)	Interdepartmental Graduate Program
Jennifer Pryweller	2007 (winter)	Chemical and Physical Biology Program
Peter Vollbrecht	2007 (fall)	Interdepartmental Graduate Program
David Shifrin	2007 (fall)	Interdepartmental Graduate Program
Caleb Doll	2007 (spring)	Interdepartmental Graduate Program
Nick Campbell	2006 (fall)	Interdepartmental Graduate Program
Gulfem Guler	2006 (winter)	Interdepartmental Graduate Program
Sabrina Doughty	2005 (winter)	Interdepartmental Graduate Program
Jeanette Stankowski	2005 (winter)	Interdepartmental Graduate Program
Robert Taylor	2005 (fall)	Biological Sciences Department
Jessica Moore	2005 (fall)	Interdepartmental Graduate Program
Cynthia Allison	2005 (summer)	Chemical and Physical Biology Program
Theresa Tholkes	2005 (summer)	Interdepartmental Graduate Program
Brannon Verret	2005 (spring)	Interdepartmental Graduate Program
Shaun Cole	2005 (winter)	Interdepartmental Graduate Program
Lane Coffee	2004 (fall)	Interdepartmental Graduate Program
Judsen Schneider	2004 (fall)	Interdepartmental Graduate Program
William Nobis	2004 (summer)	MD/PhD Program
Jennell Talley	2004 (summer)	Interdepartmental Graduate Program
Daniel Mordes	2004 (spring)	MD/PhD Program
Niranjana Vijayakrishnan	2003 (fall)	Interdepartmental Graduate Program
Walter Jermakowicz	2003 (summer)	MD/PhD Program
Zoe McElligott	2003 (summer)	Interdepartmental Graduate Program
Payal Ray	2003 (spring)	Biological Sciences Department
Aime Franco	2003 (spring)	Interdepartmental Graduate Program
Alex Flynt	2003 (spring)	Biological Sciences
Blaireanne Williams	2003 (spring)	Interdepartmental Graduate Program
Emily Schwartz	2002 (winter)	Interdepartmental Graduate Program
Feng Li	2002 (fall)	Biological Sciences
Luyuann Pan	2002 (spring)	Biology Department
Sandiya Kalyan	2002 (spring)	Neuroscience Program
Deepak Raj	2002 (spring)	Molecular Biology Program
Mehmet Axel	2001 (fall)	Molecular Biology Program
Nick Trotta	2001 (spring)	Neuroscience Program
Christopher Sans	2000 (fall)	Molecular Biology Program
Paula Lombardo	2000 (fall)	Neuroscience Program
Luis Ojeda	2000 (fall)	Molecular Biology Program
Laura Palanker	2000 (fall)	Molecular Biology Program
Mark Smith	2000 (spring)	Molecular Biology Program
Haiying Zhang	2000 (spring)	Molecular Biology Program
Mark Palfreyman	1999 (fall)	Molecular Biology Program
Fude Huang	1999 (fall)	Molecular Biology Program
Dan Williams	1998 (fall)	Molecular Biology Program
Sean Speese	1998 (fall)	Molecular Biology Program
Diane Walker	1998 (spring)	Molecular Biology Program
Robert Renden	1998 (spring)	Neuroscience Program
Carole Burns	1997 (fall)	Molecular Biology Program

Thesis Committee Students:

James Held	Chair	Biological Sciences Department	2019-present
Nikita Tsyba	Member	Biological Sciences Department	2018-present
Alexander Munden	Member	Biological Sciences Department	2018-present
Siwei He	Member	Neuroscience Program	2015-2018
Meredith Frazier	Member	Biological Sciences Department	2015-2018
Barbara O'Brien	Chair	Neuroscience Program	2014-2017
Hannah Hankins	Member	Biological Sciences Department	2013-2016
Tyne Miller	Chair	Neuroscience Program	2013-2016
David Rinker	Member	Human Genetics Program	2012-2014
Sarah Hainline	Member	Cell and Developmental Biology	2010-2013
Patrick Jones	Member	Biological Sciences Department	2008-2011
Nathan Mundell	Member	Pharmacology Department	2007-2011
Julie Merkle	Member	Cell and Developmental Biology	2006-2011
Julia Snyder	Chair	Biological Sciences Department	2006-2013
Judsen Schneider	Member	Cell and Developmental Biology	2006-2010
Periyanayaki Muthusamy	Chair	Biological Sciences Department	2005-2009
Will Walker	Member	Neuroscience Program	2004-2008
Jessica Rivera	Member	Cell and Developmental Biology	2004-2008
Rebecca Fox	Member	Cell and Developmental Biology	2004-2007
Karen McFarland	Member	Biological Sciences Department	2004-2007
Joseph Watson	Member	Cell and Developmental Biology	2003-2007
Jing Xiao	Member	Biological Sciences Department	2003-2007
Ke Liu	Chair	Biological Sciences Department	2003-2007
Jimann Shin	Member	Biological Sciences Department	2003-2007
Mark Palfreyman	Member	Biology Department	2000-2002
Dan Williams	Member	Biology Department	2000-2002
Ewa Bednarek	Member	Biology Department	2000-2002
Marc Hammarlund	Chair	Biology Department	1998-2003
Carole Burns	Member	Neuroscience Department	1998-2002
Jeff Brown	Member	Pharmacology Department	1997-2001

Student Awards:

Meghana Bhimreddy	Littlejohn Summer Research Scholar, 2019 Research prize	Vanderbilt Univ.
Harry Choi	VURSP award, Vanderbilt University, 2019 Research fellowship	Vanderbilt Univ.
Danielle Kopke	DeLill Nasser Award, 2018 Genetics Society of America	Genetics Society
Danielle Kopke	Thesis Presentation Award, 2018 Department of Biological Sciences	Vanderbilt Univ.

Sofia Lima	Littlejohn Summer Research Scholar, 2018 Research prize	Vanderbilt Univ.
Danielle Kopke	Summer Research Award, 2018 University of California, Berkeley	Vanderbilt Univ.
Sofia Lima	VURSP award, Vanderbilt University, 2018 Research fellowship	Vanderbilt Univ.
Tyler Kennedy	Best Graduate Talk Award, 2017 Department of Biological Sciences	Vanderbilt Univ.
Jarrood Shilts	Research Prize, 2017 Department of Biological Sciences	Vanderbilt Univ.
Jarrood Shilts	Churchill Scholar, 2017 Churchill College, Cambridge UK	Cambridge Univ.
Jarrood Shilts	Goldwater Scholar, 2016 Barry Goldwater Scholarship	U.S. Congress
Danielle Kopke	Best Teaching Assistant Award, 2015 Department of Biological Sciences	Vanderbilt Univ.
Mary Lynn Dear	Best Teaching Assistant Award, 2015 Department of Biological Sciences	Vanderbilt Univ.
Jarrood Shilts	Best Poster Award, 2015 Undergraduate Research Fair	Vanderbilt Univ.
Caleb Doll	Best Postdoctoral Presentation Award, 2015 Developmental Biology Program	Vanderbilt Univ.
Patricia Lucioni	DeLill Nasser Award, 2015 Genetics Society of America	Genetics Society
Scott Zhou	Summer Research Award, 2015 Cornelius Vanderbilt Scholar	Vanderbilt Univ.
Eriny Hanna	Summer Research Award, 2015 Vanderbilt Summer Science Academy	Vanderbilt Univ.
Danielle Kopke	Best Poster Prize, 2014 Department of Biological Sciences	Vanderbilt Univ.
Tyler Kennedy	Best Graduate Talk Award, 2014 Department of Biological Sciences	Vanderbilt Univ.

Neil Dani	Graduate Research Excellence Award, 2014 Awarded for best Ph.D. thesis	Vanderbilt Univ.
Caleb Doll	Best Postdoctoral Presentation Award, 2014 Developmental Biology Program	Vanderbilt Univ.
Dominic Vita	Vanderbilt Brain Institute Scholar, 2014 Research fellowship	Vanderbilt Univ.
Neil Dani	Dissertation Enhancement Award, 2014 Research fellowship	Vanderbilt Univ.
Lily Schulenberg	Littlejohn Summer Research Scholar, 2014 Research prize	Vanderbilt Univ.
Lily Schulenberg	VURSP award, Vanderbilt University, 2014 Research fellowship	Vanderbilt Univ.
Sam Friedman	1 st place poster award, 2013 VKC Science Day	Kennedy Center
Sam Friedman	Victoria Finnerty Award, 2013 North America <i>Drosophila</i> Board	Genetics Society of America
Mary Lynn Dear	Best poster prize, 2012 Department of Biological Sciences	Vanderbilt Univ.
Sam Friedman	Rosen/Weingarden Fellowship, 2012 Research fellowship	National Fragile X Foundation
Sam Friedman	VURSP award, Vanderbilt University, 2012 Research fellowship	Vanderbilt Univ.
Saul Siller	1 st place poster award, 2011 VKC Science Day	Kennedy Center
Kalie Deutsch	VURSP award, Vanderbilt University, 2010 Research fellowship	Vanderbilt Univ.
Saul Siller	1 st place poster award, 2010 VKC Science Day	Kennedy Center
Cheryl Gatto	Keystone Symposia Scholarship, 2010 Salt Lake City, Utah	Vanderbilt Univ.
Cheryl Gatto	Rising Star Award, National FraX Foundation, 2009 Best meeting presentation, Scripps Institute LF	Vanderbilt Univ.

Saul Siller	VURSP award, Vanderbilt University, 2009 Research fellowship	Vanderbilt Univ.
Ashleigh Long	Ann B. Martin Award Commendation, 2007 Best junior graduate student	Vanderbilt Univ.
Charles Tessier	Best Postdoctoral Presentation Award, 2007 Developmental Biology Program	Vanderbilt Univ.
Nick Trotta	Best Graduate Student Presentation, 2004 Developmental Biology Program	Vanderbilt Univ.
Yong Zhang	Best Postdoctoral Presentation Award, 2003 Neuroscience Program	Vanderbilt Univ.
Nick Trotta	Award for Outstanding Graduate Research, 2003 Awarded for best Ph.D. thesis	Vanderbilt Univ.
Robert Renden	James W. Prah Memorial Award: Outstanding Graduate Research, 2003	University of Utah
Tim Fergestad	Riser Award: Outstanding Graduate Research, 2001 Awarded for best Ph.D. thesis	University of Utah
Robert Renden	Marshall-Sherfield Fellow, 2001 US-UK exchange program	UK Gov't Award
Sean Speese	Biology TA of the Year, 2001	University of Utah
Ryan Watts	Biology Student of the Year, 2000	University of Utah
Kale Bodily	Beckman Scholar (1999-2000) Biology Student of the Year, 2001 Honors Baccalaureate Scholarship Kathleen Greer Fellow; Phi Kappa Phi Scholar Mayo Foundation Dean's Scholarship	Beckman University of Utah University of Utah Phi Kappa Phi Mayo Clinic

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Editorial Service:

Biology of the Cell Editorial Board 2009 – present

Invited Seminars:

Synapse Meeting, Fondation des Treilles, Provence, France	2018
Rare Disease Day Symposium, Sanford Burnham Prebys Institute, CA	2018
Gordon Conference, Diablerets, Switzerland	2017
Functional Glycomics Meeting, San Francisco, CA	2015
Texas A&M University, College Station, TX	2015
Dept. Brain/Cognitive Sciences, National University, South Korea	2014
Medical/Dental School, Seoul, South Korea	2014
University of Nevada, Reno NV	2013
Penn State, University Park, PA	2013
FRAXA meeting, Southbridge, MA	2013
Le Bonheur Children's Research Foundation, Memphis, TN	2012
Gordon Conference, Stone Hill College, Easton, MA	2012
University of Nevada, Reno NV	2012
FRAXA meeting, Southbridge, MA	2011
Seoul National University, Seoul, South Korea	2011
Massachusetts Medical School, Worcester, MA	2011
University of Georgia, Athens, GA	2011
Biosphere Retreat, University of Arizona, AZ	2010

University of Utah, Salt Lake City, UT	2010
The New England Center, Durham, NH	2010
M.I.N.D. Institute, Sacramento, CA	2009
University of Utah, Salt Lake City, UT	2009
University of Pennsylvania Med School, Philadelphia, PA	2009
Dept of Cell and Developmental Biology, Vanderbilt	2009
University of California, Davis, CA	2009
Banbury Center Conference, Cold Spring Harbor, NY	2009
Blankenese Conference, Hamburg, Germany	2009
Society for Developmental Biology, Birmingham AL	2009
Department of Biology, Washington University, St Louis MI	2008
FRAXA Research Foundation Meeting, Durham NH	2008
International Fragile X Symposium, St Louis MI	2008
Janelia Farms Symposium, Washington DC	2008
University of Oregon, Eugene, OR	2008
Banbury Center Conference, Cold Spring Harbor, NY	2008
Brain Diseases & Molecular Machines, Paris, France	2008
Montana State University, Bozeman, MT	2007
The Ohio State University, Columbus, OH	2007
Banbury Center Meeting, Cold Spring Harbor, NY	2007
Northwest University, Xi'an, China	2006
University of Illinois, Chicago, IL	2006
University of Tennessee, Memphis, TN	2006
Centre for Neurogenomics & Cognition, Amsterdam, Netherlands	2006
CAS International Symposium Model Organisms & Disease, Beijing, China	2006
Society for Neuroscience Symposium, Washington, D.C.	2005
Chilworth Manor, University of Southampton, England UK	2005
Banbury Center, Cold Spring Harbor, NY	2005
Rutgers State University of New Jersey, Piscataway, NJ	2005
University of Illinois-Urbana Champaign, Urbana, IL	2004
University of Manchester, Manchester England UK	2004
Gordon Conference, Colby-Sawyer College, New London, NH	2004
FASEB meeting, Snowmass, CO	2004
Banbury Center, Cold Spring Harbor NY	2004
University of Sheffield, Sheffield England UK	2004
Baylor College of Medicine, Houston, TX	2004
University of North Carolina, Chapel Hill, NC	2003
University of Kentucky, Lexington KY	2003
Harvard University, Boston, Mass	2003
Neurogenomics Meeting, VUMS, Nashville, TN	2003
Fragile X meeting, Bar Harbor, Maine	2003
University of Alabama, Birmingham, AL	2003
Monod Conference, Biarritz, France	2002
Fragile X Meeting, Cold Spring Harbor, NY	2002
Syracuse University, Syracuse, NY	2002
Insect Molecular Biology Meeting, Tucson AZ	2002
University of Indiana, Bloomington IN	2002
Washington State University, Pullman, WA	2002
University of Montana, Missoula, MT	2002

Carnegie-Mellon University, Pittsburg, PA	2002
University of Arizona, Tucson, AZ	2002
University of Connecticut Medical School, Farmington, CT	2002
Vanderbilt University, Nashville, TN	2001
McGill University Centre for Research in Neuroscience, Montreal, Canada	2001
Children's Hospital, Cincinnati, OH	2001
University of California, San Diego, CA	2001
Ara Parseghian Foundation, Tucson, AZ	2001
EJLB Scholars Symposium, Montreal, Quebec, Canada	2001
Drosophila Neurobiology Course (organizer), Cold Spring Harbor, NY	2001
University of Gottingen, Gottingen, Germany	2001
Columbia University, New York, NY	2000
Searle Scholars Meeting, Chicago, IL	2000
FRAXA Research Foundation, Banbury Center, Cold Spring Harbor, NY	2000
Ara Parseghian Foundation, Tucson, AZ	2000
Drosophila Neurobiology Course (organizer), Cold Spring Harbor, NY	2000
Institute of Neurological Sciences, University of Pennsylvania, Philadelphia	2000
University of Arizona, Tucson, AZ	2000
The Wellcome Trust, Broadway, Worcestershire England	2000
Drosophila Neurobiology Course (organizer) Cold Spring Harbor, NY	1999
Searle Scholars Meeting, Chicago, IL	1999
University of Cambridge, Cambridge, England UK	1999
University of British Columbia, Vancouver Canada	1999
Wellcome Trust Meeting, London, England UK	1999
University of Chicago, Chicago, IL	1999
Society for Neuroscience Annual Meeting (symposium), Los Angeles, CA	1998
Searle Scholars Meeting, Chicago, IL	1998
Learning and Memory Meeting, New York, NY	1998
Oklahoma Center for Neuroscience, Oklahoma City, OK	1998
Utah State University, Logan, Utah	1998
University of California Berkeley, San Francisco	1998
University of British Columbia, Vancouver Canada	1998
University of Gottingen, Germany	1997
Society for Neuroscience Annual Meeting, New Orleans	1997
Developmental Biology meeting, Paris, France	1997
Drosophila Neurobiology Meeting, Cold Spring Harbor, NY	1997
University of Wurzburg, Germany	1997

Teaching:

2015-pres	Molecules of the Brain (BSCI3256)
2015-pres	Introduction to Biological Sciences (BSCI1510)
2006-pres	Neuroscience Graduate Program: Neuroscience (NURO345)
2003-2014	Introduction to Biological Sciences (BSCI110A)
2003-2014	Molecular Neurobiology (BSCI256)
2003-2007	Interdepartmental Graduate Program: Advanced Neurobiology (NEUSC346)
2002-2005	Interdepartmental Graduate Program: Cell Biology

2001-2002	Molecular Neuroscience
2000-2002	Cell Biology
2000-2002	Cellular and Molecular Neuroscience (Graduate Course Organizer /Lecturer)
2000	Advanced Neurophysiology
1999-2001	<i>Drosophila</i> Neurobiology (Course Organizer /Lecturer; Cold Spring Harbor NY)
1998-1999	Genetics, Cell Biology & Evolution
1997-1998	Principles of Cell Biology
1994-1995	Mechanisms of Behavior (Cambridge University, England, UK)

University Service:

Biological Sciences	Curriculum Committee	Member	2015-pres
Biological Sciences	Graduate Program Committee	Member	2012-2014
Biological Sciences	Faculty Search Committee	Member	2011-2012
Biological Sciences	Faculty Search Committee	Member	2009-2010
Biological Sciences	Faculty Search Committee	Member	2006-2007
Biological Sciences	Interdepartmental Graduate Program Executive Committee	Dept. Rep.	2003-2004
Biological Sciences	Faculty Search Committee	Chair	2003-2004
Biological Sciences	Faculty Hiring Strategy Committee	Member	2002-2003
Biology Department	Reading Room Committee	Member	2001-2002
Biology Department	Curriculum Committee	Member	2000-2002
Biology Department	BioKids Hiring /Retention	Chair	1999-2002
Biology Department	BioURP (UG Research) Committee	Chair	1998-2000
Biology Department	BioURP (UG Research) Committee	Member	1996-1997
Molecular Neuroscience Center	Training Faculty	Member	2002-present
Vanderbilt Brain Institute	Training Faculty	Member	2002-present
Molecular Graduate Program	Training Faculty	Member	2002-present
Developmental Biology Program	Training Faculty	Member	2002-present
Genetics Training Program	Training Faculty	Member	2002-present
Neuroscience Training Program	Training Faculty	Member	2002-present
Pharmacology Training Program	Training Faculty	Member	2002-present
Ion Channel Training Program	Training Faculty	Member	2002-present
Molecular Graduate Program	Admissions Committee	Member	2003-2004
Molecular Biology Program	Neurobiology Interest Group	Chair	2001-2002
Molecular Biology Program	Steering Committee	Member	1999-2001
Molecular Biology Program	Advising Committee	Chair	1999-2001
Molecular Biology Program	Advising Committee	Member	1998-1999
Molecular Biology Program	Recruiting Committee	Member	1997-1998
Molecular Biology Program	Admissions Committee	Member	1997-1999
Neuroscience Program	Executive Steering Committee	Member	2005-2012
Neuroscience Program	Neuroscience Directorate	Member	2001-2002
Neuroscience Program	Admissions Committee	Member	1999-2000

Vanderbilt Kennedy Center	Program Director	Director	2004-2008
Vanderbilt Kennedy Center	Deputy Director	Director	2003-2004
Vanderbilt Kennedy Center	Neurosciences Core Director	Director	2003-2008
Vanderbilt Kennedy Center	Faculty Search Committees	Member	2003-2007
Vanderbilt Kennedy Center	Investigator	Member	2002-present
University	Health Related Professions Committee	Chair	2007-present
University	Huntsman Cancer Center	Member	2001-2002
University	Seed Grant Committee	Ad Hoc	1999-2000