

Elizabeth T. Cox Lippard
Department of Psychiatry
Dell Medical School
University of Texas at Austin
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Education

Ph.D., Neurobiology, University of North Carolina, Chapel Hill, NC/USA 08/06 to 05/12
Thesis Title: Prenatal cocaine: effects of neonatal vocalizations, cue-induced maternal response, and brain development
Advisor(s): Drs. Josephine Johns and Karen Grewen

B.S., Microbiology (Minor in Genetics), North Carolina State University, Raleigh, NC/USA 08/99 to 05/03
*graduated *magna cum laude*

B.A., Chemistry, North Carolina State University, Raleigh, NC/USA 08/99 to 08/03

Postdoctoral Training

NIH Fellowship, Yale University, New Haven, CT 07/15 to 06/16
NIDA T32 DA022975 Postdoctoral Training Grant Award: Neuroimaging Sciences Training Program
Supervisor: Fahmeed Hyder
Department of Radiology and Biomedical Imaging
-Training in rodent (mouse and rat) multimodal magnetic resonance imaging (structural and functional MRI and diffusion tensor imaging)
-Developed orthonasal and retronasal behavioral-imaging paradigms to probe functional development of corticolimbic-striatal systems in rodent models

NIH Fellowship, Yale University, New Haven, CT 06/13 to 06/15
NIMH T32 2MH014276 Postdoctoral Training Grant Award: Biological Sciences Training Program
Supervisor: Hilary Blumberg
Department of Psychiatry
-Training in human multimodal magnetic resonance imaging and neurogenetics
-Clinical training related to mood disorders, comorbid substance use disorders, and suicide
-Studied neural trajectories in adolescents exposed to childhood maltreatment
-Conducted longitudinal studies in mood disorders to examine circuitry associated with risk for and development of alcohol, nicotine, and other substance problems
-Conducted longitudinal studies to examine development of suicide-related behavior
-Investigated effects of medication subclasses on neural trajectories within BD

Postdoctoral Associate, University of Utah, Salt Lake City, UT 06/12 to 06/13
Supervisor: Julie Korenberg
Department of Pediatrics
-Training in neurogenetics
-Investigated genetic variation underlying brain-behavior relationships in genetic disorders
-Designed behavioral battery for testing adolescents with Down Syndrome

Predoctoral Training

Predoctoral Fellow

07/06-05/12

Department of Psychiatry, University of North Carolina, Chapel Hill, NC

Mentors: Drs. Josephine Johns and Karen Grewen

- Investigated cocaine, alcohol, and nicotine effects on brain-behavior relationships during vulnerable periods of development
- Investigated neurotransmitter systems underlying specific maternal behaviors through pharmacological manipulation
- Designed translational behavioral paradigms to study mother-infant relationship in humans and rodents
- Administered Bayley Scales of Infant Development Assessments in human infants
- Investigated longitudinal behavioral regulation in rodent infants
- Investigated brain development in rodent infants (immunohistochemistry, in situ hybridization, western blotting, autoradiography, confocal and light microscopy)

Academic and Leadership Appointments

Assistant Professor

08/16-present

*tenure track: 09/19-present

Department of Psychiatry, Dell Medical School, University of Texas at Austin, Austin, TX

In my current position, I conduct research in neurophysiological mechanism(s) contributing to onset of mood and substance use disorders and interactions between these conditions. Additionally, I am working in collaboration to develop innovative educational curriculums with a focus on neuroscience and research at the medical and graduate school level.

Honors and Awards

Chairs Choice Award, Society of Biological Psychiatry, New York, NY	05/18
Selected for Press Conference, Society for Neuroscience, Washington DC	11/14
Poster chosen as example of NIDA Outstanding Research	05/12
Travel Award Recipient, Society for Neuroscience, Washington DC	10/11
St. Jude National Graduate Student Symposium Invitee	03/11
NIDA Early Career Investigator Award, APA Convention, San Diego CA	08/10
Travel Award Recipient, Cold Spring Harbor, Glia in Health and Disease Workshop	07/10
Travel Award Recipient, International Behavioral Neuroscience Symposium, Italy	06/10
UNC-Chapel Hill Office of Undergraduate Research Graduate Mentorship Award	05/10
UNC-Chapel Hill Office of Undergraduate Research Graduate Mentorship Award	05/09
Neurobiology Presentation Award, Pierre Morrell Research Day, UNC-Chapel Hill	05/09
Biological and Biomedical Studies Program (BBSP) Faculty Chosen Peer Mentor	08/08
Travel Award, Research Society on Alcoholism, Chicago, IL	06/08
Americorps Member of the Year	06/04
<i>Magna cum laude</i> , North Carolina State University	05/03

Professional Memberships and Activities with Leadership Positions

Research Society on Alcoholism 01/18-
Society of Biological Psychiatry 05/14-
International Behavioral Neuroscience Society 05/08-
Society for Neuroscience 05/05-

Faculty Member 01/19-
NIAAA Training Grant, University of Texas at Austin
-Invited to serve as a faculty member on the NIAAA training grant at the University of Texas at Austin

Enigma Consortium Contributor- Suicide Group

Ad Hoc Reviewer:

Journal of the American Academy of Child and Adolescent Psychiatry, Bipolar Disorders, Journal of Nervous and Mental Disease, Journal of Affective Disorders, Journal of Psychiatric Research, PLOS one, International journal of Psychological Research, Archives of Depression and Anxiety, Neuropsychopharmacology, Biological Rhythm Research, Neuropsychiatric Disease and Treatment, Journal of Biological Rhythms, The International Journal of Neuropsychopharmacology, PLOS one, The FASEB Journal, Addiction, Biological Psychiatry: CNI

Educational Activities

Teaching Activities

Guest Lecturer 02/21
Neuroscience Underlying Mood Disorders, Dell Medical School, Austin, TX, PGY1 Psychiatry Residents
-Design and presentation of lecture on neuroscience underlying mood disorders.

Guest Lecturer 08/20
Introduction to Clinical Research, Neuroimaging, and Unsupervised EMA Studies, Dell Medical School, Austin, TX, Institute of Neuroscience Bootcamp, 6 Neuroscience Graduate Students
-Design and presentation of lecture on clinical research in bipolar disorder and addiction and utilizing neuroimaging and unsupervised EMA approaches.

Guest Lecturer 07/20
Introduction to Nuclear Magnetic Resonance Imaging, Dell Medical School, Austin, TX, 4 PGY1 Psychiatry Residents
-Design and presentation of lecture on theory underlying nuclear magnetic resonance imaging, different types of imaging, and applied imaging to clinical study.

Guest Lecturer 04/20
Neurobiology of Addiction, University of Texas at Austin, TX, 60 students
-Design and presentation of lecture on "comorbid mental illness: the role of alcohol and substance use in psychiatric populations"

Guest Lecturer 04/20
Neuroscience of Addiction, Dell Medical School, Austin, TX, 6 Child Adolescent Psychiatry Residents
-Design and presentation of lecture on neuroscience of addiction, including factors in neural development that may impact the overall development and the presentation of psychiatric symptoms and increase risk for addiction, addiction-associated changes in brain areas thought to be important in social and emotional behavior, and current neurobiological and genetic hypotheses of addiction and their limitations

Course Instructor 01/20
 Frontiers in Addiction Research and Pregnancy Advanced Training Program, San Diego CA
 30 students
-Participated as instructor, designed and presented lecture on prenatal and environmental experiences and risk for developing mood, alcohol and substance use problems

Guest Lecturer 11/19
 Principles of Research, Dell Medical School, Austin, TX, 6 Child Adolescent Psychiatry Residents
-Design and presentation of lecture on principles of research including types of research, p-value, effect size, power, number to treat/harm

Guest Lecturer 04/19
 Neurobiology of Addiction, University of Texas at Austin, TX, 60 students
-Design and presentation of lecture on the role of alcohol use in psychiatric populations with focus on comorbidities

Course Instructor 10/18
 Frontiers in Addiction Research and Pregnancy Advanced Training Program
 Morehouse School of Medicine, Atlanta GA (October 12-18, 2018), 20 students
-Participated as instructor, designed and presented lecture on prenatal and environmental experiences and risk for developing mood, alcohol and substance use problems

Guest Lecturer 05/18
 Adult Psychiatry Resident Program, Dell Medical School, UT Austin, 4 students
-Taught PGY 3 resident lecture on neural circuitry implicated in bipolar disorder and relationship with other mental illnesses (comorbidity)

Guest Lecturer 04/18
 Neurobiology of Addiction, University of Texas at Austin, TX, 60 students
-Design and presentation of lecture on the role of alcohol use in mood disorders

Guest Lecturer 04/17
 Young Persons and Drugs, University of Texas at Austin, TX, 200 students
-Design and presentation of lecture on alcohol and drug use comorbidity in mood disorders

Guest Lecturer 04/17
 Neurobiology of Addiction, University of Texas at Austin, TX, 60 students
-Design and presentation of lecture on the role of alcohol use in suicide and bipolar disorder

Guest Lecturer 04/16
 Physics of Medical Imaging, Yale University, CT, 15 students
-Designed and presented lecture on physics of magnetic resonance imaging to diagnostic radiology residents

Guest Lecturer 03/16
 Developmental Neuroscience and Psychology Program, Yale University, CT, 12 students
-Designed and presented lectures on neurobiology of suicidality to graduate and medical students

Course Instructor (Fall and Spring Semesters for 3 years) 08/09-05/12
 Departments of Psychology and Biology, University of North Carolina, Chapel Hill, NC, 2-4 students per semester
-Taught course on research for psychology and biology undergraduates. Course provided hands on laboratory experience with weekly reading assignments followed by group discussions; graded midterm and final writing assignments

Guest Lecturer 03/11

Psychology, University of North Carolina, Chapel Hill, NC
-Designed and presented lecture on infant brain-behavior development for Child Development course for undergraduate psychology majors

Guest Lecturer 08/11

Psychology, University of North Carolina, Chapel Hill, NC
-Designed and presented lecture on development and influences of cocaine for Developmental Psychology course for graduate students

Guest Lecturer 05/14

National Alliance on Mental Illness (NAMI), Farmington Valley-CT
"The Teen Brain: Under Construction"

Guest Lecturer 04/09

Smith Middle School, Carrboro, NC
-Designed and presented lecture on neuroscience and drugs at Meet the Scientist event for high school students and parents

Guest Instructor 04/08

Carrboro High School, Carrboro, NC
-Designed and presented class on the brain for high school students as part of brain awareness week

Workshop Facilitator 08/07

Neurobiology, University of North Carolina, Chapel Hill, NC
-Designed and taught week long course on molecular biology for graduate students

Development of Curricula and Educational Materials

MedScapes Interview 12/19

Dell Medical School
Topic: The 'Single Biggest Contributor' to Medical and Mental Illness
-Interviewed by Dr. Steve Strakowski, for MedScape Psychiatry. Interview focused on the role of childhood maltreatment in mood disorders including the role of childhood maltreatment in addiction and comorbid psychopathology. Link to interview:
https://www.medscape.com/viewarticle/923389?src=WNL_trdalrt_200127_MSCPEDIT&uac=97132SR&implID=2258021&faf=1

Curriculum Development 01/19-current

University of Texas Child Development Center
"Your Social Elastic Brain"
-Developing educational outreach program that is flipping the script with anti-bullying programs that focus on friendship and social support, building healthy, elastic brains early in development.

Curriculum Development 01/19-current

Adult Psychiatry Resident Program, Dell Medical School, UT Austin
- Part of team designing curriculum focused on neuroscience in psychiatry for residents in Adult Psychiatry program

Curriculum Development 04/18-current

Medical Student Research Didactics, Dell Medical School, UT Austin
- Part of team designing and overseeing third year research distinction program for medical students

Podcast Interview 09/18

iCare Podcast Series, Dell Medical School, UT Austin
Topic: Addiction and the Brain- Neurobiology of the Brain

-Participated in podcast interview discussing neurobiology of addiction. This is part of educational series that will be advertised and freely available on line. Videos published online over last year.

iCare Podcast: Addiction & The Brain (Part 1)

<https://vimeo.com/341607205>

iCare Podcast: Addiction & The Brain (Part 2)

<https://vimeo.com/341610659>

Advising and Mentoring

University of Texas at Austin, Austin, TX

Graduate Students

Dylan Kirsch 08/17-current
Neuroscience, University of Texas at Austin
Doctoral Candidate/Graduate Research Assistant
Role: Primary Mentor
Thesis Title: TBD

Valeria Tretyak 08/17-current
Clinical Psychology, University of Texas at Austin
Graduate Research Assistant
Role: Co-mentor
Thesis Title: TBD

Travis Mallard 04/19-current
Clinical Psychology, University of Texas at Austin
Graduate Research Assistant
Role: Thesis Committee Member
Thesis Title: The Genetic Etiology of Serious Mental Illness and Substance Use.

Medical Students

Carina Souflee 08/20-05/21
MS3 Research Distinction, Medical Student, Dell Medical School
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: Patient Quality of Life Changes After Participation in a Non-opioid Integrative Pain Management Program at a Federally Qualified Health Center (FQHC)

Yousef Nofal 08/20-05/21
MS3 Research Distinction, Medical Student, Dell Medical School
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: Influence of Psychosocial Factors on Changes in Quality of Life Following Surgical Intervention in Patients with GERD

Marielle Ngoue 08/20-05/21
MS3 Research Distinction, Medical Student, Dell Medical School
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: Variation in Care between Day and Night shifts in Mechanically Ventilated Trauma Patients in the ICU

Alex Preston 08/19-05/20
MS3 Research Distinction, Medical Student, Dell Medical School
Role: MS3 Research Distinction Primary Mentor
Thesis Title: Neural functional connectivity changes to psychological stress in young adults with bipolar disorder.

Khaled Abdelrahman 08/19-05/20
MS3 Research Distinction, Medical Student, Dell Medical School
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: Characterizing Coronary Artery Disease in Psoriasis over four years.

Frank Buchanan 08/19-05/20
MS3 Research Distinction, Medical Student, Dell Medical School
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: Assessing the Impact of MRIs on Operative Management in Acute Traumatic Cervical Spine Injuries

Whitney Williams 08/18-05/19
MS3 Research Distinction, Medical Student, Dell Medical School, University of Texas at Austin
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: How do the perceptions of prenatal care differ among African American women of varied socioeconomic status and between these women and prenatal care providers?

Tyler Schmidt 08/18-05/19
MS3 Research Distinction, Medical Student, Dell Medical School, University of Texas at Austin
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: TBD (tentative title: stroke intervention)

Amber Dunbar 08/18-05/19
MS3 Research Distinction, Medical Student, Dell Medical School, University of Texas at Austin
Role: MS3 Research Distinction Thesis Advisory Committee
Thesis Title: Prescription-based contingency management (PBCM) in Primary Health Care.

Undergraduate Students

Raquel Kosted 08/2020-current
Department of Neuroscience, University of Texas at Austin
Undergraduate RA
Role: Primary Mentor
Honors Thesis: Depression and Alcohol Use in Young Adults during the COVID-19 Pandemic and relations with Insula Structure

Mary Li 08/2020-current
Department of Psychology, University of Texas at Austin
Undergraduate RA
Role: Primary Mentor

Abhirupa Dasgupta 01/2020-current
Department of Neuroscience, University of Texas at Austin
Undergraduate RA
Role: Primary Mentor
Project Title: Longitudinal Assessment of Mood Symptoms, Stress, and Alcohol/Drug Use in Bipolar Disorder

Ansley Huffman 01/2020-current
Department of Neuroscience, University of Texas at Austin
Undergraduate RA
Role: Primary Mentor
Project Title: Longitudinal Assessment of Mood Symptoms, Stress, and Alcohol/Drug Use in Bipolar Disorder

Sean Mifflin Department of Psychology, University of Texas at Austin Undergraduate RA Role: Primary Mentor	04/19-12/19
Staci Board Department of Psychology, University of Texas at Austin Undergraduate RA Role: Primary Mentor <i>Honors Thesis: Childhood Maltreatment and Associated Prefrontal-Paralimbic Function During Emotional Processing in Young Adults with Bipolar Disorder</i>	08/17-12/19
Ashish Chowdary College of Natural Science, University of Texas at Austin Undergraduate RA Role: Primary Mentor <i>Honors Thesis: Reactivity Following Losses and Wins and Risky Decision Making in Bipolar and Healthy Young Adults: Relations with Clinical Heterogeneity and Neuroanatomical Variation</i>	01/17-05/19
Mubarika Ali Department of Psychology, University of Texas at Austin Undergraduate RA Role: Primary Mentor <i>Project Title: Language as a Marker of Disease Heterogeneity in Bipolar Disorder</i>	08/17-05/19
Illan Kunik Department of Psychology, University of Texas at Austin Undergraduate RA Role: Primary Mentor <i>Project Title: Familial Risk for Suicide and Associated Behavior and Prefrontal-Paralimbic Activity in Young Adults with Familial Risk for Bipolar Disorder</i>	06/17-05/19
Nehel Kurjee Department of Psychology, University of Texas at Austin Role: Primary Mentor Undergraduate RA	08/17-05/19
Mackenzie Mitchell Department of Psychology, University of Texas at Austin Role: Co-Mentor/Advisor Postbac Volunteer RA	04/18-04/19
Anant Gonugunta Department of Psychology, University of Texas at Austin Role: Primary Mentor Undergraduate RA	01/17-04/19
Mikaela Kovach-Galton Department of Psychology, Duke University Role: Primary Mentor Summer intern/visiting undergraduate RA	05/17-08/17

High School Students

Yashvi Reddy Waggoner Center for Alcohol and Addiction Research Summer Intern Program Role: Primary Mentor High school summer intern Current position: high school student, Austin TX	05/19-12/19 05/18-08/18
Claudia Whittlesey Waggoner Center for Alcohol and Addiction Research Summer Intern Program Role: Primary Mentor High school summer intern Current position: high school student, Austin TX	05/18-08/18
Danielle (Elle) Hansen Waggoner Center for Alcohol and Addiction Research Summer Intern Program Role: Primary Mentor High school summer intern Current position: undergraduate student at University of Texas at Austin	05/17-08/17

Yale University, New Haven, CT

Graduate Students

Kirstin Purves Masters of Science in Developmental Neuroscience and Psychopathology, Yale University Role: Research Mentor <i>Thesis Title: Neural System State and Trait Features of Emotion Regulation in Bipolar Disorder: an fMRI Investigation.</i> Student in Masters Program	01/15-12/15
Sonja de Zwarte Postgraduate visiting fellow Role: Research Mentor <i>Thesis Title: Frontotemporal White Matter in Adolescents with, and at-Risk for, Bipolar Disorder.</i> Current Position: PhD Candidate in Clinical Neuroscience, UMC Utrecht, Amsterdam, Netherlands	06/13-02/14

Medical Students

Amanda Wallace Medical Student, Yale School of Medicine Role: Research mentor during designated research year <i>Thesis Title: White matter differences in adolescents and young adults with prior suicide attempts and mood disorders.</i>	05/14-05/15
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Residents and Fellows

Judah Weather Resident, Child Study Center, Yale University Role: Research mentor <i>Project Title: Longitudinal Diffusion Tensor Imaging Study of Adolescents and Young Adults with Bipolar Disorder</i> Current position: Psychiatry, Elliot Hospital, Manchester NH	05/12-12/13
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Faculty/Staff

Jennifer Johnston 07/13-05/16
Clinician, Mood Disorders Research Program
Role: Research Mentor
Project Title: *Multimodal Neuroimaging of Frontolimbic Structure and Function Associated With Suicide Attempts in Adolescents and Young Adults With Bipolar Disorder.*
Current Position: Licensed Professional Counselor in Private Practice, Hamden, CT

University of Utah, Salt Lake City, UT

Graduate Students

Rebecca Pfeiffer 06/12-05/13
Department of Neuroscience, PhD program
Role: Graduate Student Research Supervisor
University of Utah, Salt Lake City, UT
Current Position: Postdoctoral Associate, University of Utah, Salt Lake City

University of North Carolina at Chapel Hill, Chapel Hill, NC

Undergraduate Students

Kylonda Glaze 01/11-12/11
Department of Psychology, University of North Carolina, Chapel Hill, NC
Undergraduate RA
Role: Primary Research Mentor
Research Project Title: The Effects of Prenatal Cocaine Exposure on the Nucleus Accumbens and implications for Maternal Neglect.
Current position: unknown

Amy Abramowitz 08/09-12/11
Department of Psychology, University of North Carolina, Chapel Hill, NC
Undergraduate RA
Role: Primary Research Mentor
Honors Thesis: The Effect of Prenatal Cocaine Exposure on Vocalizations and Brain Development in Postnatal Day 21 Infant Pups.
Current Position: Resident Physician at University of Illinois at Chicago, Chicago IL

William Tate 08/10-5/11
Undergraduate RA
Role: Primary Research Mentor
Honors Thesis: The Effect of Cocaine on Brian Development in the Periaqueductal Gray Area and the Interaction between Maternal Behavior and USV Production.
Current Position: Medical student at Stanford University School of Medicine

George Franklin Jones 08/09-05/11
Department of Psychology, University of North Carolina, Chapel Hill, NC
Undergraduate RA
Role: Primary Research Mentor
Current Position: Medical student at Campbell University, North Carolina

Mehreen Shiekh 01/08-05/11
Department of Psychology, University of North Carolina, Chapel Hill, NC

Undergraduate RA
Role: Primary Research Mentor
Honors Thesis: Rodent Infant Vocalizing Behavior and Dorsal Periaqueductal Gray Neural Development.
Current position: Dermatology Resident Physician at Larkin Community Hospital, North Carolina

Amber Baxley 08/09-05/10
Department of Psychology, University of North Carolina, Chapel Hill, NC
Undergraduate RA
Role: Primary Research Mentor
Research Project Title: Prenatal Cocaine Exposure: Effects on Maternal Cry Perception and Infant Development.
Current position: unknown

Grants

Current

NIAAA Mentored Research Scientist Development Award K01AA027573 (PI: Lippard) 04/19-03/23
Subjective Response to Alcohol and Associated Neural Systems in Bipolar Disorder. 9 CMs
This grant investigates subjective and neural responses to alcohol in young adults with bipolar disorder and typically developing young adults and relations with recent drinking patterns.
University of Texas at Austin, Austin TX
Role: PI
\$716,255

R21AA027884 (PI: Lippard) 08/20-04/22
NIAAA 2.04 CMs
Dissecting Responses to Alcohol in Individuals with Familial Risk for Bipolar Disorder
The goals of the research are to better understand familial factors contributing to elevated risk for alcohol use problems in bipolar disorder and learn if familial risk is associated with altered sensitivity to alcohol.
University of Texas at Austin, Austin TX
Role: PI
\$275,000 (directs)

TTOR (Texas Targeted Opioid Response; PI: Claborne) 04/19-04/20
Texas Health & Human Services .36 CMs
Development and Implementation of a Digital Ecosystem to Improve Opioid Overdose Reporting, Tracking, and Prevention across Texas
The goal is to develop a digital ecosystem for opioid overdose tracking. I serve as CoI helping to design a battery of addiction-related and other environmental measures to collect during this study start-up year so data collected can be leveraged by research group for pilot projects and future grant submissions.
University of Texas at Austin, Austin, TX
Role: Co-I

Imaging Research Center Pilot Grant Award (PI: Elizabeth Lippard) 10/19-10/21
This grant is to pilot a 3T MRI neuroimaging study of neural responses to stress in young adults with bipolar disorder and history of bullying victimization.
University of Texas at Austin, Austin, TX
Role: Primary Investigator
\$4,310

Undergraduate Research Fellowship (PIs: Ansley Huffman and Abhirupa Dasgupta) 01/21-06/21
Longitudinal Assessment of Mood Symptoms, Stress, and Alcohol/Drug Use in Bipolar Disorder
The goal of this study is to investigate relations between mood, stress, and alcohol/drug use through

within subject assessments in bipolar disorder.

University of Texas at Austin, Austin, TX

Role: Mentor

\$1000

Janssen Research Foundation, Protocol Number: NOPRODBIP0001 02/18-04/21

An Observational Longitudinal Study in Offspring of Parents with Bipolar Disorder to Evaluate the Relationship of Impairment in Psychosocial Functioning with the Manifestation of Mood Symptoms over 24-Months.

The goal of this multisite study is to identify clinical risk markers for emerging bipolar disorder in adolescents and young adults at familial risk.

University of Texas at Austin, Austin TX

Site Primary Investigator: Strakowski, Role: Site Co-Investigator

Pending

R01MH125886 (PI: Strakowski)

2021-2026

Neurodevelopmental and clinical trajectories of youth at risk for bipolar I disorder.

This is a longitudinal neuroimaging study investigating the neurophysiological and clinical predictors of emerging illness in youth with familial risk for bipolar disorder.

University of Texas at Austin, Austin TX

Role: Co-Investigator

Completed

Imaging Research Center Pilot Grant Award

02/17-02/18

This grant was to pilot a longitudinal 3T MRI neuroimaging study of neural responses to alcohol in young adults with bipolar disorder.

University of Texas at Austin, Austin, TX

Role: Primary Investigator

\$4,310

NIH Postdoctoral Training Grant Award: Neuroimaging Sciences Training Program 07/15-06/16

T32 DA022975: National Institute on Drug Abuse

Yale University, New Haven, CT

PI: Graeme Mason; Mentors: Hilary Blumberg and Fahmeed Hyder

\$53,692

Standard Grant Award, American Foundation for Suicide Prevention 10/14-09/16

Neural Predictors of Suicide Risk in Bipolar Disorder

This grant was a multi-modality longitudinal 3T MRI neuroimaging study of neural predictors of suicidality in adolescents and young adults with bipolar disorder.

Yale University, New Haven, CT

PI: Hilary Blumberg; Role: Co-Investigator

\$100,000

NIH Postdoctoral Training Grant Award: Biological Sciences Training Program 06/13-06/15

T32 2MH014276: National Institute of Mental Health

Yale University, New Haven, CT

PI: Ronald Duman; Mentor: Hilary Blumberg

\$85,704

NIH Ruth L. Kirschstein National Research Service Award 08/10-05/12

F31 DA030060: National Institute for Drug Abuse

University of North Carolina, Chapel Hill, NC

Role: Primary Investigator

\$59,612

Publications

Peer-reviewed publications

1. Tretyak, V., Kirsch, D., Radpour, S., Webber, W., Fromme, K., Strakowski, S. M., **Lippard, ETC.** Subjective Response to Alcohol in Typically Developing Emerging Adults and Those with Bipolar Disorder, Associated Alcohol Use, and Orbitofrontal Gray Matter Volume. *J of Affective Disorders*, 279: 671-679, 2021.
2. Kirsch, D., Tretyak, V., Radpour, S., Webber, W., Fromme, K., Strakowski, S. M., **Lippard, ETC.** Childhood maltreatment and correlated prefrontal paralimbic gray matter volume and activity during emotional and cognitive processing in young adults with familiar risk for bipolar disorder. *Scientific Reports*, 11: article number 123, 2021.
3. **Lippard ETC**, Weber W, Welge J, Adler C, Fleck DE, DelBello MP, Strakowski SM. Anterior Cingulate Functional Connectivity with Amygdala and Caudate during First-Manic Episode in Bipolar Disorder and Relations with Treatment Response. *Bipolar Disorders*, in press.
4. Jabbi M, Weber W, Welgee J, Nerye F, Tallman M, Gable A, Fleck DE, **Lippard ETC**, DelBello M, Adler C, Strakowski SM. Frontolimbic brain volume abnormalities in bipolar disorder with suicide attempts. *Psychiatry Research*, 294:113516, 2020.
5. Sankar A, Purves P, Colic L, **Lippard ETC**, Millard H, Fan S, Spencer L, Wang F, Pittman B, Constable TR, Gross JJ, Blumberg HP. Altered Frontal Cortex Functioning in Emotion Regulation and Hopelessness in Bipolar Disorder. *Bipolar Disorders*, 2020, doi: 10.1111/bdi.12954 (online ahead of print), PMID: 32521570
6. Kirsch D, Nemeroff C, **Lippard ETC**. Early life stress and substance use disorders: underlying neurobiology and pathways to adverse outcomes. *Adversity and Resilience Science*, 2020. (accepted)
7. **Lippard ETC** and C. Nemeroff. The devastating clinical consequences of child abuse and neglect: increased disease vulnerability and poor treatment response in mood disorders. *American Journal of Psychiatry*: 177(1):20-36, 2020. PMID: PMC6939135
8. Schmaal L, van Harmelono A-L, **Lippard ETC**, Chatzi V, Toenders Y, Blumberg HP. Imaging suicidal thoughts and behaviors: a comprehensive review of two decades of neuroimaging studies. *Molecular Psychiatry*: 25(2):408-427, 2019. PMID: PMC6974434
9. **Lippard ETC**, Johnston JAY, Spencer L, Quatrano S, Fan S, Sankar A, Weathers J, Pittman B, Oquendo M, Blumberg HP. Gray and white matter structure and longitudinal changes in frontal systems associated with future suicide attempts in adolescents and young adults with mood disorders. *Journal of Affective Disorders*: 245:1139-1148, 2019. PMID: PMC6487887
10. Fan S, **Lippard ETC**, Sankar A, Wallace A, Johnston JAY, Wang F, Pittman B, Spencer L, Oquendo MA, Blumberg HP. Grey and white matter differences in adolescents and young adults with prior suicide attempts across bipolar and major depressive disorders. *Journal of Affective Disorders*: 245: 1089-1097. PMID: PMC6903411
11. Weathers J, **Lippard ETC**, Spencer L, Quatrano S, Pittman B Wang F, Blumberg HP. Longitudinal diffusion tensor imaging study of adolescents and young adults with bipolar disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*: 57(2):111-117,

2018. PMID: PMC5806147

12. **Lippard ETC**, Jensen K, Wang F, Johnston JAY, Spencer L, Pittman B, McIntosh A, Gelernter J, Blumberg HP. Genetic variation of *ANK3* is associated with lower white matter structural integrity in bipolar disorder. *Molecular Psychiatry*: 22(9):1225, 2017.
13. Johnston JAY, Wang F, Liu J, Blond B, Wallace A, Jiacheng L, Spencer L, **Cox Lippard ET**, Purves K, Landeros-Weisenberger A, Hermes E, Pittman B, King R, Martin A, Oquendo M, Blumberg HP. Fronto-limbic white matter integrity and function associated with suicide attempts in adolescents and young adults with bipolar disorder. *The American Journal of Psychiatry*: 174(7):667-675, 2017.
14. **Lippard ETC**, Mazure CM, Johnston JAY, Spencer L, Weathers J, Wang F, Blumberg HP. Brain circuitry associated with the development of substance use in bipolar disorder and preliminary evidence for sexual dimorphism in adolescents. *Journal of Neuroscience Research*: 95(1-2):777-791, 2017. [PMCID: PMC5123602](#)
15. **Lippard ETC**, Jensen K, Wang F, Johnston JAY, Spencer L, Pittman B, McIntosh A, Gelernter J, Blumberg HP. Effects of *ANK3* variation on gray and white matter in bipolar disorder. *Molecular Psychiatry*: 22(9):1345-1351, 2017. [PMCID: PMC5133179](#)
16. Najt P, Wang F, Spencer L, Johnston JAY, **Cox Lippard ET**, Lacadie C, Staib L, Papademetris X, Blumberg HP. Anterior cortical progression in neurodevelopment of bipolar disorder in adolescence. *Biol Psychiatry* 79:303-310, 2016. PMID: [PMCID: PMC4595154](#)
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22. **Cox ET**, Hodge CM, Shiekh MJ, Abramowitz AC, Jones GF, Makam PI, Zeskind PS, Johns JM. Delayed developmental changes in neonatal vocalizations correlates with disrupted ventral medial hypothalamus and central amygdala development in the rodent neonate: effects of prenatal cocaine. *Behavioural Brain Research* 235: 166-175, 2012. [PMCID: PMC3461834](#)
23. **Cox ET**, Jarrett TM, McMurray MS, Greenhill K, Hofler VE, Williams SK, Joyner PW, Middleton CL, walker CH, Johns JM. Combined norepinephrine/ serotonergic reuptake inhibition: effects on maternal behavior, aggression, and oxytocin in the rat. *Frontiers in Psychiatry* 2: 2011. [PMCID: PMC3114092](#)
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Books & Chapters

1. Lippard ETC and Nemeroff C. Chapter: Childhood maltreatment and mood disorders (2020). In: APA Textbook of Mood Disorders Second Edition (Eds: C.B. Nemeroff, S.M. Strakowski, N. Rasgon, and A.F. Schatzberg).
2. Kirsch D and **Lippard ETC**. Chapter 11: Genetics of bipolar disorder (2019). In: *Bipolar Disorder* (Eds: S. Strakowski, M. DelBellow, C. Adler, D. Fleck).

Peer-reviewed publications (under review/revision)

1. Kirsch DE*, Preston A*, Tretyak V, Le V, Weber W, Strakowski SM, **Lippard ETC**. Neural functional connectivity changes to psychological stress in young adults with bipolar disorder. *(under revision)* *=*co-first authors*
2. Colic L, Clark A, Sankar A, Rathi DJ, Goldman D, Kim J, Villa L, Edmiston KE, **Lippard ETC**, Pittman B, Constable RT, Mazure CM, Blumberg HP. Gender-Related Influences of Childhood Maltreatment on Brain Circuitry and Clinical Features of Bipolar Disorder. *(under review)*
3. Perez de Arce K, Ribic A, Watters K, Thompson G, Sanganaha BG, **Lippard ETC**, Rohlmann A, Strittmatter SM, Missler M, Hyder F, and Biederer T. Concerted Functions of Synapse Organizers Impact Prefrontal Cortex Connectivity and Cognitive Functions. *(under review)*

Peer-reviewed publications (in preparation)

1. Kirsch DE, Tretyak V, Le V, Fromme K, **Lippard ETC**. Anterior Cingulate Cortex Gray Matter Volume Relates to Subsequent Changes in Alcohol Use in Emerging Adulthood. *(in preparation)*
2. Kirsch, Tretyak, **Lippard**, Strakowski. Book Chapter: Activation Studies in Bipolar Disorder. *(in preparation)*
3. Tretyak V, Kirsch DE, Le V, Fromme K, Strakowski SM, and **Lippard ETC**. Neural Functional Connectivity during Emotional Processing in Bipolar Disorder: Relations with Coping Drinking Motives and Alcohol Use. *(in preparation)*
4. Le V, Kirsch DE, Tretyak V, Strakowski SM, and **Lippard ETC**. Recent Perceived Stress, Amygdala Reactivity to Acute Psychosocial Stress, and Alcohol Use in Adolescents/Young Adults with Bipolar Disorder. *(in preparation)*

Invited Presentations, Posters & Abstracts

International

- Lippard ETC*** 03/19
International Society for Bipolar Disorders, Sydney, Australia
Alcohol Use Patterns in Young Adults with Bipolar Disorder and Correlated Activity of Prefrontal-Paralimbic Systems. Symposium Title: At the Crossroads of Brain, Gene, and Addiction in Bipolar Disorder: Neurophysiological and Epigenetic Mechanisms. ***=Co-Chair and Speaker of Symposium**
- Lippard ET**, Spencer L, Quatrano S, Blumberg HP. 03/18
The International Society for Bipolar Disorders. Mexico City
Brain predictors of suicide attempts in adolescents and young adults with bipolar disorder.
- Lippard ETC*** 06/10
International Behavioral Neuroscience Society, Sardinia, Italy
Prenatal cocaine exposure alters human and rodent infant vocalizations: implications for maternal care and neural integrity. ***=Speaker of Symposium; Travel Award**
- Cox ET***, Jones G, Williams S, McMurray M, Jamieson-Drake A, Zeskind P, Hodge C, 06/10
Grewen K, Johns JM.
International Behavioral Neuroscience Symposium. Sardinia IT
Prenatal cocaine exposure alters one month human and PND 14 rodent infant vocalizations: implications for maternal care and neural integrity. ***Travel Award**

National

- Lippard ETC** 07/20
The Devastating Clinical Consequences of Child Abuse and Neglect: Increased Disease Vulnerability and Poor Treatment Response in Mood Disorders.
Keynote Address at Claritycon2020 - San Antonio, TX * event canceled due to COVID-19
- Kirsch D, Tretyak V, Le V, Fromme K, **Lippard ETC** 06/20
Research Society on Alcoholism, New Orleans, LA * event canceled due to COVID-19
Prefrontal gray matter volume relates to subsequent changes in alcohol use in college age social drinkers.
- Tretyak V, Kirsch D, Le V, Fromme K, **Lippard ETC** 06/20
Research Society on Alcoholism, New Orleans, LA * event canceled due to COVID-19
Neural correlates of drinking motives in typically developing young adults.
- Colic L*, **Lippard ETC**, Goldman D, Sankar A, Blumberg HP. 05/20
Society of Biological Psychiatry, New York, NY
Brain circuitry targets to interrupt the development of suicide thoughts and behaviors.
Symposium title: Brain alterations associated with suicidal thoughts and behaviors: investigating sources of heterogeneity. ***=Speaker of Symposium** * event canceled due to COVID-19
- Lippard ETC***, Le V, Kirsch D, Tretyak V, Weber W, Strakowski SM. 05/20
Society of Biological Psychiatry, New York, NY
Neurophysiological responses to stress, interactions with recent stress, and associated externalizing behavior in emerging adults with bipolar disorder.
Symposium title: Bipolar Disorder is more than a disorder of mood: exploring peripheral indicators and their neural associations. ***=Speaker of Symposium** * event canceled due to COVID-19
- Kirsch D, Tretyak V, Le V, Strakowski SM, **Lippard ETC** 05/20

Society of Biological Psychiatry, New York, NY * event canceled due to COVID-19
Perceived stress and salience network functioning during emotional processing in young adults with bipolar disorder.

Tretyak V, Kirsch D, Le V, Preston A, Weber W, Fromme K, Nemeroff CB, Strakowski SM, **Lippard ETC** 05/20

Society of Biological Psychiatry, New York, NY * event canceled due to COVID-19
Neural reactivity to negatively valenced stimuli in young adults with bipolar disorder and a history of bullying victimization.

Preston A, Tretyak V, Kirsch DE, Le V, Weber W, Strakowski SM, and **Lippard E.T.C** 05/20

Society of Biological Psychiatry, New York, NY * event canceled due to COVID-19
Neural functional connectivity changes to psychological stress in young adults with bipolar disorder.

Le V, Tretyak V, Kirsch DE, Preston A, Strakowski SM, and **Lippard E.T.C** 05/20

Society of Biological Psychiatry, New York, NY * event canceled due to COVID-19
Lower grey matter volume and emotion regulation in young adults with bipolar disorder and a history of psychosis.

Board S, Kirsch D, Tretyak V, Weber W, Strakowski SM, Nemeroff CB, **Lippard ETC.** 03/20

Anxiety and Depression Conference (ADAA), San Antonio, TX * event canceled due to COVID-19
Childhood maltreatment associated alterations in neural activation during emotional and attention processing in emerging typically developing adults.

Lippard ETC, Weber W, Welge J, Adler C, Fleck DE, DeBello MP, Strakowski SM. 12/19

American College of Neuropsychopharmacology, Orlando, FL
Amygdala and caudate connectivity with the anterior cingulate during a first-manic episode in bipolar disorder: distinguishing remitters and nonremitters following eight weeks of treatment.

Lippard ETC, Radpour S, Tretyak V, Kirsch D, Weber W, Strakowski SM. 06/19

Resesarch Society on Alcoholism. Minneapolis, MN
Neural responses to stress and associated alcohol use in young adults with bipolar disorder.

Kirsch DE, Tretyak V, Radpour S, Weber WA, Strakowski SM, **Lippard ETC.** 06/19

Resesarch Society on Alcoholism. Minneapolis, MN
Childhood Maltreatment and Associated Prefrontal-Paralimbic Gray Matter Volume and Alcohol Use in Adolescents/Young Adults with Familial Risk for Bipolar Disorder.

Tretyak V, Kirsch DE, Radpour S, Weber WA, Strakowski SM, Fromme K., **Lippard ETC.** 05/19

Society of Biological Psychiatry. Chicago, IL
Subjective response to alcohol in young adults with bipolar disorder and associated frontolimbic gray matter volume and alcohol use.

Kirsch D.E., Tretyak V., Radpour S., Weber W.A., Strakowski S.M., **Lippard ETC.** 05/19

Society of Biological Psychiatry. Chicago, IL
Childhood maltreatment and associated prefrontal-paralimbic activity during emotional and cognitive processing in adolescents/young adults with familial risk for bipolar disorder.

Lippard ETC, Radpour S., Weber W.A., Fromme K., and Strakowski S.M. 05/18

Society of Biological Psychiatry. New York, NY
Neuroanatomical Variation and Associations with Drinking Behavior, Drinking Motives, and Risk-Taking in Young Adults With Bipolar Disorder.

Lippard ETC* 12/17

American College of Neuropsychopharmacology. Palm Springs, CA

Frontolimbic gray and white matter structural trajectories in bipolar and major depressive disorder: associations with suicide risks and outcomes. ***Speaker of Symposium**

Lippard ETC, Johnston JAY, Quatrano S, Spencer L, Weathers J, Mazure CM, Blumberg HP. 12/16
American College of Neuropsychopharmacology. Hollywood FL
White matter abnormalities associated with the development of substance use in bipolar disorder.

Lippard ETC, Johnston JAY, Quatrano S, Spencer L, Weathers J, Mazure CM, Blumberg HP. 05/16
Society of Biological Psychiatry. Atlanta GA
Gender-related neural circuitry associated with development of substance use in bipolar disorder.

Lippard ETC* 11/14
Society for Neuroscience. Washington DC
The Developing Brain. ***Invited Press Conference Panelist**

Lippard ETC* 11/14
Society for Neuroscience. Washington DC
Child maltreatment and corticostriatolimbic development in adolescence: effects of maltreatment subtype and gender. ***Speaker of Symposium**

Cox Lippard ET, Wang F, Johnston JAY, Mazure C, Spender L, Landeros-Weisenberger AL, King R, Martin A, Oquendo MA, Blumberg HP. 05/14
Society of Biological Psychiatry. New York NY
Fronto-striatal-thalamic responses to faces associated with suicide attempts in female adolescents with major depressive disorder.

Cox ET, Grewen KM, Zeskind PS, Zoghby CR, Radcliffe MJ, Garber K, Tate W, Glaze K, Johns JM. 10/12
Society for Neuroscience. New Orleans LA
Gestational cocaine exposure alters human and rodent maternal perception and preference of infant cries potentially through cocaine-exposure coinciding with a maternal shift in sensitivity to acoustic properties of cries.

Cox ET*, Hodge CM, Shiekh MJ, Abramowitz A, Jones GF, Zeskind PS, Johns JM. 11/11
Society for Neuroscience. Washington DC
Prenatal cocaine exposure alters longitudinal development of rodent neonatal vocalizing behavior correlating with delayed limbic system development. ***Travel Award**

Cox ET, Zeskind PS, Pimentel ME, Baxley AD, DeBurkate MJ, Elam MC, Johns JM, Grewen KM. 11/10
Society for Neuroscience. San Diego CA
Cocaine exposure alters maternal sensitivity to infant behavior predicting infant developmental outcome.

Cox ET*, Hodge CW, Grewen KM, Johns JM. 08/10
American Psychological Association. San Diego CA
Prenatal cocaine alters human and rodent infant vocalizations: a mechanism for increased maternal neglect. ***NIDA Early Career Investigator Award**

Cox ET*, Grewen KM, Hodge CW, Johns JM. 07/10
Cold Springs Harbor: Glia in Health and Disease
Prenatal cocaine exposure alters human and rodent infant vocalizations: implications for underlying neural-glia integrity. ***Travel Award**

Cox ET*, Stevenson JR, Balter R, Spanos M, Hodge CW. 06/08
Research Society of Alcoholism: Washington DC

The antidepressant effect of acute alcohol is associated with reduced ERK ½ phosphorylation in the hippocampus. ***Travel Award**

Cox ET, McMurray MS, Jarrett TM, Williams SK, Walker CH, Johns JM. 11/07
Society for Neuroscience. San Diego CA
Prenatal cocaine exposure alters oxytocin synthesis in the supraoptic nucleus.

Cox ET, Maness PF, Gilmore JH, Jarskog LF. 05/06
Society of Biological Psychiatry. Toronto ON
Developmental regulation of PSA NCAM in human frontal cortex.

Cox ET, Whitaker VR, Cui L, Wei L. 11/05
Society for Neuroscience. Washington DC
Whisker stimulation-induced and NFkB-regulated neurogenesis in the dentate gyrus after ischemic barrel stroke in the mouse.

Regional

Lippard ETC 11/20
University of Texas COVID-19 Conference, Virtual Conference.
COVID-19 and Transitional Age Youth: RESPONSE in Bipolar Disorder
Symposium title: The Impact of COVID-19 on Highly Vulnerable Patients with Psychiatric Disorders. Oral Presentation.

Lippard ETC 12/19
Institute of Neurosciences (INS) Dialogues Seminar Series, University of Texas, Austin, TX
At the Intersection of Mood and Alcohol: Neurophysiological, Environmental, and Genetic Mechanisms of Risk for Alcohol Use Disorders in Youth with Bipolar Disorder.

Lippard ETC 11/19
Bioimaging Sciences Seminar Series, Yale University, New Haven, CT
At the Intersection of Mood and Alcohol: Neurophysiological, Environmental, and Genetic Mechanisms of Risk for Alcohol Use Disorders in Youth with Bipolar Disorder.

Lippard ETC 03/18
Wagonner Advance, University of Texas, Austin, TX
Frontolimbic Gray and White Matter Structural Trajectories in Bipolar Disorder: Associations with Alcohol Use/Disorders.

Lippard ETC 05/18
Imaging Research Center Seminar Series, University of Texas, Austin, TX
Frontolimbic Gray and White Matter Structural Trajectories in Bipolar Disorder: Associations with Alcohol Use/Disorders and Development of Suicide-Related Behavior.

Lippard ETC 05/17
Seton Behavioral Health Care CEU presentation, Seton Behavioral Health, Austin, TX
Developmental risk for addiction and suicide in bipolar disorder.

Lippard ETC 05/17
Seton Psychiatry Grand Rounds, University of Texas, Austin, TX
Developmental vulnerability to addiction and suicidal behavior in bipolar disorder: gene, environmental, and neuroanatomical mechanisms of risk.

Lippard ETC 05/17
Behavioral Neuroscience Seminar Series, University of Texas, Austin, TX

Developmental vulnerability to addiction and suicidal behavior in bipolar disorder: gene, environmental, and neuroanatomical mechanisms of risk.

Lippard ETC 05/16

Educational Psychology Seminar Series, University of Texas, Austin, TX
Developmental vulnerability to addiction and suicidal behavior in bipolar disorder: gene, environmental, and neuroanatomical mechanisms of risk.

Lippard ETC 05/16

Waggoner Center for Alcohol and Addiction Research Seminar, University of Texas, Austin, TX
Developmental gene and neuroanatomical mechanisms of risk: bipolar disorder, comorbid substance use, and vulnerability to suicidal behavior.

Lippard ETC 05/16

Division of Substance Abuse Seminar Series, Yale VA Hospital, West Haven, CT
Systems of risk and neural trajectories associated with transitions to alcohol/substance abuse in bipolar disorder.

Lippard ETC 04/16

Magnetic Resonance Research Center (MRRC) Seminar Series, Yale School of Medicine, New Haven, CT
Gene and neural systems related to risk: mood disorders, comorbid substance use, and vulnerability to suicidal behavior during adolescence and young adulthood.

Lippard ETC 05/14

Biological Sciences Training Program Seminar Series, Yale University, New Haven, CT
Neural circuitry of mood disorders, comorbid substance use and vulnerability to suicidal behavior during adolescence and young adulthood.

Lippard ETC 05/13

Down Syndrome Treatment Consortium, University of Utah, Salt Lake City, UT
Parsing autism in Down Syndrome.

Lippard ETC 05/12

Department of Psychology Seminar Series, Appalachian State University, Boone NC
Prenatal cocaine: effects on neonatal vocalizations and cue induced maternal response.

Lippard ETC 03/10

Developmental Neurobiology Seminar Series, University of North Carolina, Chapel Hill, NC
Prenatal cocaine exposure alters human and rodent neonatal vocalizations: implications for maternal care and neural integrity.

University Service

Member, Institute of Neuroscience Diversity, Equity, and Inclusion Committee (DEIC) 07/20-current
University of Texas at Austin (UT Austin)

Organizer, Psychiatry Resident Research Day 01/20-04/20
Dell Medical School UT Austin

Member, Medical Student Research Advisory Committee 03/18-current
Dell Medical School UT Austin

Member, Dept. of Psychiatry Educational Council 08/18-current
Dell Medical School UT Austin

Organizer, Psychiatry Resident Research Day Dell Medical School UT Austin	01/19-04/19
Member, Psychiatry Social Planning Committee Department of Psychiatry, Dell Medical School UT Austin	01/18-12/18
Member, Associate Chair of Research Search Committee Department of Psychiatry, Dell Medical School UT Austin	01/18-12/18
Member, Grand Rounds Committee Department of Psychiatry, Dell Medical School UT Austin	01/17-05/18
Member, Imaging Faculty Workgroup Dell Medical School UT Austin	08/17
Member, Faculty Working Group Building Lab Website Template Dell Medical School UT Austin	01/17-05/17
Member, Postdoc Mentoring Program, Woman in Science at Yale (WISAY) Yale University	08/15-12/15
Chair, Pierre Morrell Student Research Day Planning Committee UNC Chapel Hill, NC	08/07-05/08
Member, Pierre Morrell Student Research Day Planning Committee UNC Chapel Hill, NC	08/06-05/07
Facilitator, Molecular Biology Workshop UNC Chapel Hill, NC	08/07

Community Service

Organizer The “social, elastic” brain UT Child Development Center, Austin TX <i>-Began designing outreach program and gave workshop with preschool students on their social, elastic brain and the power of friendship</i>	02/19
Facilitator, Yale Interdepartmental Neuroscience Program outreach event Riverdale Elementary School	04/15
Science Fair Judge, North Chatham Elementary School Chapel Hill, NC	03/07
After school program coordinator City Year, Americorps, San Antonio, TX <i>-Designed and ran after school program for two middle schools in San Antonio, TX</i>	08/03-05/04
High school facilitator City Year, Americorps, San Antonio, TX <i>-Designed and ran “City Heroes” program for three high schools. Worked with high school students to plan and implement volunteer service projects across southern Texas. Partnered with Keep America Beautiful, San Antonio Aids Foundation, Habitat for Humanity, and more.</i>	08/03-05/04