



CURRICULUM VITAE

Elizabeth Minor Avegno

Current Title: Assistant Professor – Research
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Education:

Tulane University, Biological Chemistry **BS, 2011**
 Graduated *magna cum laude*
 Honors thesis mentor: Larry Byers
 Honors thesis project: Exploring the active site geometry and chemical kinetics of β -glucosidase

Columbia University, Pharmacology and Molecular Signaling **MA, 2013**
 Mentors: Neil Harrison and David Sulzer **MPhil, 2015**
 Research project: Effects of ethanol on dopamine neurons in the **PhD, 2016**
 ventral tegmental area: Differential response based on projection target

Louisiana State University Health Sciences Center, Physiology **Postdoc, 2016-2018**
 Mentor: Nicholas Gilpin
 Research project: Brain reward and stress system interactions in alcohol dependence

Academic, Professional, and Research Appointments:

Louisiana State University Health Sciences Center, Physiology **2018-2022**
 Instructor – Research **2022-present**
 Assistant Professor – Research

Membership in Professional Organizations:

National Society of Collegiate Scholars Member **2009-present**
American Chemical Society Member **2010-2012**
American Association for the Advancement of Science Member **2012**
Research Society on Alcoholism Education committee member **2015-present**
European Society for Biomedical Research on Alcoholism Member **2015-present**
International Society for Biomedical Research on Alcoholism Member **2018-present**
Society for Neuroscience Member **2018-2022**
Association for Women in Science Member **2018-present**
American Physiological Society Member **2019-2021**

Awards and Honors:

National German Exam Gold Award	2004
Benjamin Franklin High School Clarence Barney Student of the Week	2007
Tulane University Mayoral Scholarship Recipient	2007
National Merit Scholar	2007-2010
Tulane University Dean's List	2009-2011
Tulane University Ann Hero Northrup Prize in Chemistry	2010
Guinness Book of World Records Largest Halloween Gathering Saints vs. Steelers	2010
American Chemical Society Honors Award	2011
Tulane University Merck Index Award	2011
Tulane University Featured on Alumni Profiles: Continued Success Webpage	2013
New York Academy of Sciences Teaching Credential	2014
Columbia University Academic Evening Merit Award, Basic Science Research	2015
Research Society on Alcoholism Student Merit Award	2015-2016
Research Society on Alcoholism Junior Investigator Merit Award	2017-2018
NIH/NIAAA Travel Award, International Congress on Alcohol and Stress in Volterra	2017
LSUHSC Alcohol and Drug Abuse Center of Excellence Best Presentation, Science in TEN Talks	2017
Alcohol and the Nervous System Gordon Research Seminar Meritorious Oral Presentation	2018

NIH/NIAAA Travel Award, International Society for Biomedical Research on Alcoholism in Kyoto	2018
Research Society on Alcoholism Enoch Gordis Award	2019
Amygdala Gordon Research Conference Best poster presentation – Honorable mention	2019
NIH/NIAAA Travel Award, International Congress on Alcohol and Stress in Volterra (Cancelled)	2020
Alcohol and the Nervous System Gordon Research Seminar Chair of 2020 Meeting	2020
European Society for Biomedical Research on Alcoholism Young Investigator Symposium Travel Award	2021
American College of Neuropsychopharmacology Travel Award	2021
International Union of Physiological Sciences Virtual Travel Award	2022
NIH/NIAAA Travel Award, International Congress on Alcohol and Stress in Volterra	2023

TEACHING EXPERIENCE AND RESPONSIBILITIES

Curriculum Development/Implementation:

Louisiana State University Health Sciences Center

Perspectives in Alcohol Research (Physio 289 – 10247) <i>Co-Director</i> Topics covered: Ethics, Experimental Design/Methods, Alternative Careers, Career Development, Alcohol Research Centers, Critical Literature Review (32 hours)	2019
Perspectives Against Racism (Physio 289 – 10247) <i>Co-Director</i> Topics covered: Deconstructing Racism, History of Racism in America, Anti-Racism, Strategies for Improving our Environment, Privilege, Cycle of Socialization, Race in Research (9 hours)	2020
Physiological Basis of Behavior (Physio 289) <i>Co-Director</i> Topics covered: Fundamentals of Neurophysiology and Neurotransmission, Ingestive Behaviors, Reward, Somatosensory Processing, Pain, Movement, Autonomic Regulation, Sleep, Stress, Gut-Brain Axis and Neuroimmune System (25 hours)	2020
Physiology Journal Club (Physio 290 – 10251) <i>Co-Director</i> (30 hours)	2021-2023

Formal Course Responsibilities:**Tulane University**

Biochemistry lab (CHEM 3835), General Chemistry (CHEM 1070, 1080) **2010**
Teaching Assistant

Columbia University

Structure and Function of Membrane Channels (Pharmacology G4600) **2016**
Teaching Assistant

Louisiana State University Health Sciences Center

Physiology of Neuronal Circuits Underlying Brain Disorders (Physio 289 - 10658) **2017**
Co-Director
 Topics covered: Substance Use Disorder – Positive Reinforcement Circuitry; Schizophrenia and Drug-Induced Psychosis (2 hours)

Human Physiology for Dental Students (Dent 1115) *Instructor* **2018-2019; 2021-2024**
 Topics covered: Electrical Properties of Membranes; Action Potentials; Synaptic Transmission (4 hours)

PREP Skills Workshop *Facilitator* **2019-2024**
 Topics covered: Writing a Manuscript (Introduction, Abstract, Authorship), Poster and Oral Presentations (4 hours)

Human Physiology for Nursing Students (HLSC 2410) *Instructor* **2019-2020**
 Topics covered: Lifestyle Medicine: Drug Addiction (1 hour)

Perspectives in Alcohol Research (Physio 289 – 10247) *Instructor* **2020**
 Topics covered: Laboratory Safety (1 hour)

Tiger Scholars Undergraduate Summer Enrichment Program *Lecturer* **2021-2024**
 Topics covered: Endocrinology (4 hours)

Perspectives in Alcohol Research (Physio 289 – 10247) *Instructor* **2021**
 Topics covered: Electrophysiology (1 hour)

Experimental Design and Analysis (Inter 143) *Instructor* **2022-2024**
 Topics covered: Introduction to Biostatistics (2.5 hours)

Human Physiology for Nursing Students (HLSC 2410) *Instructor* **2022-2024**
 Topics covered: Cell Physiology, Neurophysiology (5 hours)

Departmental/Interdisciplinary Teaching Conferences:**Louisiana State University Health Sciences Center**

Assessment Strategies for Physiology Teaching Excellence Workshop *Attendee* **2019**

Diversity Workshop for Graduate Faculty; Postbaccalaureate Research Education Program (PREP) in Biomedical Sciences *Attendee* **2019**

Creating an Inclusive Environment in the Laboratory Workshop *Attendee* **2020**

Mentor Training Workshops *Attendee* **2021-2022**

Stop the Bleed Course *Attendee* **2022**

High Resolves

Identity and Purpose; Microaggressions Workshops *Attendee* **2021**

Undergraduate, Medical, or Graduate Students Trained:

Jason Polsky *Undergraduate Student – Tulane University* **2015**

Ryan Jones *Undergraduate Student – Tulane University* **2017**

William B. Snyder III *Master's Student – Tulane University* **2018-2019**

Michael Constans *Undergraduate Student – Louisiana State University* **2019**

Nathan Sharfman *MD/PhD Student – LSUHSC* **2019-2022**

Samira Mohammed *PREP Scholar – LSUHSC* **2021-2022**

Tanner Reed *MD Student – LSUHSC* **2021-2023**

Jacqueline Van Savage *Undergraduate Student – Tulane University* **2022-2023**

Scott Klinefelter *Undergraduate Student – Tulane University* **2023**

Thesis and Dissertation Committees:

Carol Upchurch (Preliminary Exam Committee) *MD/PhD Student – LSUHSC* **2022**

Carol Upchurch (Graduate Committee) *MD/PhD Student – LSUHSC* **2023**

RESEARCH AND SCHOLARSHIP

Grants and Contracts:

Funded:

Completed: F31 AA023714 (PI; 100% effort) **08/2015-05/2016**

Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship | NIH/NIAAA \$39,804/yr.

Heterogeneity of VTA DA Neurons: Response to Acute and Chronic Ethanol

Completed: F32 AA025831 (PI; 100% effort) **06/2017-03/2021**

Ruth L. Kirschstein NRSA Individual Postdoctoral Fellowship | NIH/NIAAA \$58,654/yr.

Brain Reward and Stress System Interactions in Alcohol Dependence

Completed: R13 AA028160 (MPI; 0% effort) **09/2019-08/2020**

2020/2022 Alcohol and the Nervous System Gordon Research Conference & Gordon Research Seminar | NIH/NIAAA

Active: K01 AA028541 (PI; 75% effort) **03/2022-02/2027**

Mentored Research Scientist Development Award | NIH/NIAAA \$163,617/yr.

Orexin modulation of brain reward-brain stress system interactions in alcohol withdrawal anxiety

Pending applications:**R34 DA061266 (MPI; 10% effort)****Submitted 11/2023**

Translating Socioenvironmental Influences on Neurocognitive Development and Addiction Risk (TranSINDA) | NIH/NIDA

Longitudinal effects of maternal high fat diet and early life adversity on anhedonia in rats

Recent non-funded applications:**R01 AA029662 (PI; 50% effort)****Submitted 01/2021**

Stephen I. Katz Early Stage Investigator Research Project Grant | NIH/NIAAA

GIRK channels in early life stress-alcohol interactions | Impact Score: 43; Percentile: 35

Journal Publications:**Refereed:****Published:**

Avegno EA, Hasty SJ, Parameswar AR, Howarth GS, Demchenko AV, Byers LD (2013). Reactive thioglucoside substrates for β -glucosidase. *Archives of Biochemistry & Biophysics*, 537, 1-4.

Avegno E, Hart C (2014). Drinking and the brain: Careful selection of research participants required. *Psychopharmacology*, 231(16), 3239.

Mrejeru A, Martí-Prats L, **Avegno EM**, Harrison NL, Sulzer D (2015). A subset of ventral tegmental area dopamine neurons responds to acute ethanol. *Neuroscience*, 290, 649-658.

Borgkvist A, **Avegno EM**, Wong MY, Kheirbek MA, Sonders MS, Hen R, Sulzer D (2015). Loss of striatonigral GABAergic presynaptic inhibition enables motor sensitization in parkinsonian mice. *Neuron*, 87(5), 976-988.

Avegno EM, Salling MC, Borgkvist A, Mrejeru A, Whitebirch AC, Margolis EB, Sulzer D, Harrison NL (2016). Voluntary adolescent drinking enhances excitation by low levels of alcohol in a subset of dopaminergic neurons in the ventral tegmental area. *Neuropharmacology*, 110, 386-395.

Salling MC, Skelly MJ, **Avegno E**, Regan S, Zeric T, Nichols E, Harrison NL (2018). Alcohol consumption during adolescence in a mouse model of binge drinking alters the intrinsic excitability and function of the prefrontal cortex through a reduction in the hyperpolarization-activated cation current. *Journal of Neuroscience*, 38, 6207-6222.

Avegno EM, Lobell TD, Itoga CA, Baynes BB, Whitaker AM, Weera MM, Edwards S, Middleton J, Gilpin NW (2018). Central amygdala circuits mediate hyperalgesia in alcohol-dependent rats. *Journal of Neuroscience*, 38, 7761-7773.

Avegno EM, Gilpin NW (2019). Inducing Alcohol Dependence in Rats Using Chronic Intermittent Exposure to Alcohol Vapor. *Bio-protocol* 9(9): e3222.

Avegno EM, Middleton JW, Gilpin NW (2019). Synaptic GABAergic transmission in the central amygdala (CeA) of rats depends on slice preparation and recording conditions. *Physiological Reports* 7(19): e14245. *Recommended F1000 prime article, March 2020

Weera MM, Schreiber AL, **Avegno EM**, Gilpin NW (2020). The role of central amygdala corticotropin-releasing factor in predator odor stress-induced avoidance behavior and escalated alcohol drinking in rats. *Neuropharmacology*, 166:107979.

Avegno EM, Kasten CR, Snyder III WB, Kelley LK, Lobell TD, Templeton TJ, Constans M, Wills TA, Middleton JW, Gilpin NW (2020). Alcohol dependence activates ventral tegmental area projections to central amygdala in male mice and rats. *Addiction Biology*, 26(4), e12990. doi: 10.1111/(ISSN)1369-1600.

Souza-Smith F, Albrechet-Souza L, **Avegno EM**, Ball CD, Ferguson TF, Harrison-Bernard LM, Molina PE (2021). Perspectives against racism: Educational and socialization efforts at the departmental level. *Advances in Physiology Education*, 1;45(4):720-729.

Avegno EM, Gilpin NW (2022). Reciprocal midbrain-extended amygdala circuit activity in preclinical models of alcohol use and misuse. *Neuropharmacology*, 202, 108856. doi: 10.1016/j.neuropharm.2021.108856.

Edwards S, Callicoatte CN, Barattini AE, Cucinello-Ragland JA, Melain A, Edwards KN, Gilpin NW, **Avegno EM**, Pahng AR (2022). Pramipexole treatment attenuates mechanical hypersensitivity in male rats experiencing chronic inflammatory pain. *Neuropharmacology*, <https://doi.org/10.1016/j.neuropharm.2022.108976>.

Secci ME, Reed T, Quinlan V, Gilpin NW, **Avegno EM** (2023). Quantitative analysis of gene expression in RNAscope-processed brain tissue. *Bio-protocol*, 13(0): e4580.
*Selected for cover art in January 2023 issue

Van Savage J, **Avegno EM** (2023). High dose administration of DREADD agonist JHU37160 produces increases in anxiety-like behavior in male rats. *Behavioural Brain Research*, 452, 114553.

Secci ME, Kelley LK, **Avegno EM**, Holmgren EB, Chen L, Rein SL, Engi SA, Quinlan V, Wilson L, Gilpin NW, Wills TA (2023). Adolescent alcohol exposure produces sex-specific long-term hyperalgesia via changes in central amygdala circuit function. *Biological Psychiatry*, 95(3), 207-219.

Published Abstracts:

Alverson-Banks E, Byers L (2010). Multiple inhibition of β -glucosidase. *American Chemical Society Joint 66th SWRM and 62nd SERMACS*, New Orleans, LA.

Salling MC, **Alverson-Banks EM**, Harrison NL (2013). The effects of adolescent intermittent alcohol consumption on excitability in layer II/III pyramidal neurons of the mouse prefrontal cortex. *Research Society on Alcoholism Annual Meeting*, Orlando, FL.

Salling MC, **Avegno EM**, Harrison NL (2014). Intermittent alcohol consumption during adolescence leads to neuronal hyperpolarization and reduction of I_h in the mouse medial prefrontal cortex. *Gordon Research Conference on Alcohol and the Nervous System*, Galveston, TX.

Avegno E, Mrejeru A, Salling M, Sulzer D, Harrison N (2014). The effects of ethanol on the firing rate of dopamine neurons in the ventral tegmental area. *Gordon Research Conference on Alcohol and the Nervous System*, Galveston, TX.

Avegno E, Mrejeru A, Salling M, Sulzer D, Harrison NL (2015). Drinking during adolescence: Effects of acute and chronic ethanol on dopamine neurons in the ventral tegmental area. *Research Society on Alcoholism Annual Meeting*, San Antonio, TX.

Avegno E, Salling M, Mrejeru A, Borgkvist A, Margolis E, Sulzer D, Harrison N (2016). NMDA receptors influence tonic activity of VTA DA neurons and EtOH sensitization after adolescent drinking, but not acute actions of EtOH *in vitro*. *Gordon Research Conference on Alcohol and the Nervous System*, Galveston, TX.

Avegno EM, Salling M, Borgkvist A, Mrejeru A, Sulzer D, Harrison NL (2016). Adolescent drinking enhances the excitation of medial VTA dopamine neurons by alcohol. *Research Society on Alcoholism Annual Meeting*, New Orleans, LA.

Avegno EM, Itoga CA, Whitaker AM, Lobell T, Gilpin NW (2017). CeA projections to PAG mediate alcohol dependence-induced hyperalgesia in rats. *Alcoholism and Stress: A Framework for Future Treatment Strategies*, Volterra, Italy.

Avegno EM, Whitaker AM, Lobell T, Schreiber AL, Gilpin NW (2017). Establishing a role for VTA-CeA projections in escalated alcohol drinking in alcohol-dependent rats. *Research Society on Alcoholism Annual Meeting*, Denver, CO.

Avegno EM, Kasten CR, Snyder WB, Kelley LK, Lobell TD, Wills TA, Middleton JW, Gilpin NW (2018). Alcohol dependence activates ventral tegmental area projections to central amygdala. *Greater New Orleans Society for Neuroscience Retreat*, New Orleans, LA.

Avegno EM, Kasten CR, Snyder WB, Kelley LK, Lobell TD, Wills TA, Middleton JW, Gilpin NW (2020). Engagement of brain stress-reward systems in alcohol-dependent mice and rats. *Gordon Research Conference on Alcohol and the Nervous System*, Galveston, TX.

Avegno EM, Kasten CR, Snyder WB III, Kelley LK, Lobell TD, Templeton TJ, Constans M, Wills TA, Gilpin NW (2021). Alcohol withdrawal activates brain reward-stress circuits in mice and rats. *Research Society on Alcoholism Annual Meeting*, (held virtually).

Avegno EM, Kasten CR, Cruise SC, Wills TA, Gilpin NW (2021). Alcohol dependence activates ventral tegmental area-central amygdala circuitry in mice and rats. *American College of Neuropsychopharmacology Annual Meeting*, San Juan, Puerto Rico.

Avegno EM, Cruise SC, Gilpin NW (2022). Alcohol and orexin effects on VTA-CeA circuitry and anxiety-like behavior in mice and rats. *Research Society on Alcoholism Annual Meeting*, Orlando, FL.

Avegno EM, Cruise SC, Gilpin NW (2022). Alcohol and orexin effects on VTA-CeA circuitry and anxiety-like behavior in mice and rats. *Gordon Research Conference on Alcohol and the Nervous System*, Oxnard, CA.

Avegno EM, Cruise SC, Gilpin NW (2022). Alcohol and orexin effects on VTA-CeA circuitry and anxiety-like behavior in mice and rats. *American College of Neuropsychopharmacology Annual Meeting*, Phoenix, AZ.

Avegno EM, Cruise SC, Gilpin NW (2023). Alcohol and orexin effects on VTA-CeA circuitry and anxiety-like behavior in rats. *Alcoholism and Stress: A Framework for Future Treatment Strategies*, Volterra, Italy.

Avegno EM, Van Savage J, Cruise SC, Gilpin NW (2023). Orexin activation in VTA and extended amygdala subregions during alcohol withdrawal and contribution to anxiety-like behavior in rats. *Research Society on Alcohol Annual Meeting*, Bellevue, WA.

Avegno EM, Van Savage J, Cruise SC, Gilpin NW (2023) Alcohol withdrawal-induced activation of orexin system in VTA-extended amygdala circuitry in alcohol dependent rats. *Gordon Research Conference on Amygdala*, Castelldefels, Spain.

Avegno EM, Cruise SC, Gilpin NW (2023). Alcohol withdrawal-induced activation of orexin system in VTA-extended amygdala circuitry in alcohol dependent rats. *American College of Neuropsychopharmacology Annual Meeting*, Tampa, FL.

Scientific Presentations:

Local

VTA sensitivity to alcohol is enhanced after adolescent binge drinking. (2015). *Perspectives in Alcohol Research Seminar*, LSUHSC, New Orleans, LA.

Alcohol differentially affects subpopulations of VTA DA neurons. (2017). *Neuroscience Center of Excellence Seminar*, LSUHSC, New Orleans, LA.

CeA projections to PAG mediate alcohol dependence-induced hyperalgesia in rats. (2017). *Alcohol and Drug Abuse Center of Excellence Retreat*, LSUHSC, New Orleans, LA.

Alcohol differentially activates subpopulations of VTA DA neurons. (2018). *Department of Physiology Seminar Series*, LSUHSC, New Orleans, LA.

Mesoamygdala circuitry is activated in alcohol dependent mice and rats. (2020). *Department of Physiology Seminar Series*, LSUHSC, New Orleans, LA.

Alcohol and orexin effects on VTA-CeA circuitry and anxiety-like behavior in mice and rats. (2022). *D'Angelo NOLA Neuroscience Spring Retreat*, New Orleans, LA.

Alcohol use and stress exposure across the lifespan on neurobiology and later life alcohol-related behaviors. (2023). *ADACE Mentor Roundtable Event*, New Orleans, LA.

Endocannabinoid-Mediated Disinhibition of VTA-CeA Neurons in Alcohol Dependence. (2023). *ADACE Endocannabinoid Workshop*, New Orleans, LA.

National

Alcohol, dopamine, and the VTA: Alterations in neuronal response after drinking during adolescence. (2015). *Basic Research in Anesthesiology Group*, Columbia University, New York, NY.

CeA projections to PAG mediate alcohol dependence-induced hyperalgesia in rats. (2018). *Gordon Research Seminar on Alcohol and the Nervous System*, Galveston, TX.

Alcohol dependence impacts midbrain projections to central amygdala. (2018). *Research Society on Alcoholism Annual Meeting*, San Diego, CA.

Ventral tegmental area projections to central amygdala are activated in alcohol-dependent mice and rats. (2019). *Research Society on Alcoholism Annual Meeting*, Minneapolis, MN.

Central amygdala inputs from ventral tegmental area are activated in alcohol-dependent mice and rats. (2019). *Gordon Research Seminar on Amygdala Function in Emotion, Cognition and Disease*, Easton, MA.

Alcohol dependence activates ventral tegmental projections to central amygdala. (2019). *Society for Neuroscience*, Chicago, IL.

Alcohol dependence activates ventral tegmental projections to central amygdala. (2021). *Research Society on Alcoholism Emerging Scholars Seminar Series* (held virtually).

Alcohol dependence activates ventral tegmental projections to central amygdala. (2022). *Winter Conference on Brain Research*, Snowmass, CO.

Midbrain-extended amygdala dysregulation in stress and addiction. (2022). *Winter Conference on Brain Research*, Snowmass, CO (symposium chair).

RSA Gordis Awardees: Where are they now? (2022). *Research Society on Alcoholism Emerging Scholar Seminar Series*, (held virtually; event organizer).

Enoch Gordis Research Recognition Awards – Student Finalists. (2023). *Research Society on Alcohol*, Bellevue, WA (moderator).

Mesoamygdala circuits in alcohol dependence. (2024). *Tufts University Addiction Neuroscience Seminar*, Boston, MA (attended virtually).

International

Drinking history enhances dopamine neuronal response to ethanol. (2015). *European Society for Biomedical Research on Alcoholism Congress*, Valencia, Spain.

Alcohol dependence impacts ventral tegmental projections to central amygdala. (2018). *International Society for Biomedical Research on Alcoholism Congress*, Kyoto, Japan.

Engagement of brain stress-reward systems in alcohol-dependent mice and rats. (2021). *European Society for Biomedical Research on Alcoholism Congress*, Timisoara, Romania (attended virtually).

Alcohol dependence activates ventral tegmental area-central amygdala circuitry in mice and rats. (2022). *International Union of Physiological Sciences*, Beijing, China (attended virtually).

Research Review Committee:

2024/05 NAL | Neurotoxicology and Alcohol Study Section

02/29/2024-03/01/2024

Editorial Posts and Activities:

Journal editorships or associate editorships: Reviewing editor for *Frontiers in Systems Neuroscience*

Reviewer status: Reviewer for *Alcoholism: Clinical and Experimental Research*; *American Journal for Drug and Alcohol Abuse*; *eLife*; *Pharmacology, Biochemistry and Behavior*; *Cellular and Molecular Neurobiology*; *Behavioural Pharmacology*; *Addiction Neuroscience*; *Frontiers in Molecular Neuroscience*; *Frontiers in Systems Neuroscience*; *Frontiers in Neuroanatomy*; *Neuropharmacology*.

SERVICE AND ADMINISTRATION

University/Institutional Service:

Columbia University Department of Pharmacology <i>Data Club Coordinator</i>	2012-2013
Columbia University Neuroscience Outreach <i>Member/Participant</i>	2013-2016
Xavier University Wellness Awareness Day Program Outreach <i>Participant</i>	2017
American Physiology Society Physiology Understanding (PhUn) Week Scientist <i>Presenter</i>	2017
Louisiana State University Health Sciences Center Graduate Research Day <i>Poster/Talk Judge</i>	2017, 2020-2021, 2023
Louisiana State University Health Sciences Center PAL Student Resource Fair Outreach <i>Participant</i>	2017-2019
Association for Women in Science Sci-FLY Mentoring Event <i>Mentor</i>	2017-2018, 2022
Louisiana State University Health Sciences Center Medical Student Research Day <i>Poster Judge</i>	2018-2019, 2021
LSUHSC PREP in Biomedical Sciences Brown Bag Lunch Series <i>Mentor</i>	2019
Louisiana State University Health Sciences Center Team Up <i>Faculty Grader</i>	2021-2023
Louisiana State University Health Sciences Center Department of Physiology Diversity, Equity, and Inclusion Committee <i>Member</i>	2021-2024
Association for Women in Science Virtual Career Roundtable Event <i>Panelist</i>	2022
Louisiana State University Health Sciences Center Students for Sustainability <i>Faculty Advisor</i>	2023
Greater New Orleans Society for Neuroscience Career Development Award Event <i>Panelist</i>	2023

Louisiana State University Health Sciences Center NARCAN Training for Nursing Students <i>Faculty Advisor/Co-coordinator</i>	2023
<i>National Service:</i>	
Research Society on Alcohol (formerly Research Society on Alcoholism) Education Committee <i>Member</i>	2021-2023
Mark Wood RSA 5K Organizing Committee <i>Member</i>	2023
Mentoring Program <i>Mentor</i>	2022-2023
<i>Community Service Activities:</i>	
New Orleans Science and Math High School Tutor	2008
Audrey Hepburn Children at Risk Evaluation Center Intern	2010
New York Academy of Sciences Certified Education Fellow	2014
Newcomb Alumnae Association Women to Women Mentoring Program <i>Mentor</i>	2017-2021
Green Trees/Newman School Harvest Fest Volunteer	2018-2019, 2022-2023
Tulane University Tulane Alumni Event <i>Panelist</i>	2021
Tulane University Books and Brains at BookFest <i>Volunteer</i>	2022
Lusher Charter School Crawfish Boil <i>Volunteer</i>	2022
Glass Half Full NOLA <i>Volunteer</i>	2022-2023
CollegeTrack Substance Misuse Workshop <i>Workshop leader</i>	2023
Recycle Dat Initiative <i>Volunteer</i>	2023
Willow School <i>Volunteer</i>	2023
Newman School Book Fair <i>Volunteer</i>	2023

Greater New Orleans Society for Neuroscience (GNOSN)
UnBan Books Book Fest *Volunteer*

2023