



CURRICULUM VITAE

Stefany DePrato Primeaux, Ph.D.

Date: August 4, 2026
School: School of Medicine
Department/Program: Physiology

Current Title: Professor (effective July 1, 2026)
Business Address: Department of Physiology
 Louisiana State University Health Science Center
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Initial Appointment at LSUHSC Date: July 1, 2010
Current Academic Rank: Professor
Date of Appointment to Current Rank: July 1, 2026

Education:

Undergraduate:

May 1994 B.S., Psychology, Louisiana State University, Baton Rouge, LA

Graduate:

May 1996 M.A., Psychology, Southeastern Louisiana University, Hammond, LA

August 2000 Ph.D., Biopsychology, University of Georgia, Athens, GA

Post-Doctoral Fellowships:

May 2000-April 2003 Department of Pharmacology, Physiology, & Neuroscience,
 University of South Carolina School of Medicine, Columbia, SC

May 2003-July 2007 Experimental/Dietary Obesity Laboratory, Pennington Biomedical
 Research Center, Baton Rouge, LA

Academic, Professional, and Research Appointments:

2007-2010 Instructor-Research, Dietary Obesity Laboratory,
 Pennington Biomedical Research Center, Baton Rouge, LA

2010-2014	Assistant Professor-Research, Joint Program in Diabetes, Metabolism and Endocrinology, Department of Internal Medicine, Section of Endocrinology, Diabetes and Metabolism, School of Medicine, LSU Health Sciences Center, New Orleans, LA
2010-2014	Adjunct Faculty, Department of Physiology, School of Medicine, LSU Health Sciences Center, New Orleans, LA
2010-2024	Adjunct Faculty, Joint Program in Diabetes, Metabolism and Endocrinology, Pennington Biomedical Research Center, Baton Rouge, LA
2012-2018	Graduate faculty (Associate member), School of Graduate Studies, LSU Health Sciences Center, New Orleans, LA
2013-present	Adjunct Faculty, Alcohol & Drug Abuse Center of Excellence, LSU Health Sciences Center, New Orleans, LA
2014-2019	Assistant Professor-Research, Department of Physiology, LSU Health Sciences Center, New Orleans, LA
2017-present	Adjunct Faculty, Cardiovascular Center of Excellence, LSU Health Sciences Center, New Orleans, LA
2018-present	Graduate Faculty (Full member), School of Graduate Studies, LSU Health Sciences Center, New Orleans, LA
2019-2026	Associate Professor-Research, Department of Physiology, LSU Health Sciences Center, New Orleans, LA
2023-present	Curriculum Director of Biomedical Sciences, School of Graduate Studies, LSU Health Sciences Center, New Orleans, LA
2026-present	Professor, Department of Physiology, LSU Health Sciences Center, New Orleans, LA

Awards and Honors:

1995-1997	Research Assistantship, University of Georgia, Athens, GA
2000	Herbert Zimmer Award (awarded by Biopsychology Program in recognition of outstanding research accomplishments and potential for a research career in psychology), University of Georgia, Athens, GA
2002	Postdoctoral Travel Fellowship to New York Academy of Science Conference on the study of gender differences
2013	Best Basic Science Research Award, Department of Internal Medicine Annual Research Day, Louisiana State University Health Sciences Center, New Orleans, LA
2014	Best Clinical Science Research Award, Department of Internal Medicine Annual Research Day, Louisiana State University Health Sciences Center, New Orleans, LA
2022	Chancellor's Excellence Award, Louisiana State University Health Sciences Center, New Orleans, LA

Teaching Awards:

1997-1999	Teaching Assistantship, University of Georgia, Athens, GA
1999	Outstanding Teaching Assistant Award, University of Georgia, Athens, GA
2023	Outstanding Teaching Award, BSN Honors Seminar I, School of Nursing, Louisiana State University Health Sciences Center, New Orleans, LA
2023	Outstanding Teaching Award, BSN Honors Seminar II, School of Nursing, Louisiana State University Health Sciences Center, New Orleans, LA

TEACHING EXPERIENCE AND RESPONSIBILITIES**Course Development and Course Directorship:****University of Georgia, Athens, GA**

1997-1999	<i>Course Director: PSYC3980: Research Design in Psychology</i> Course director for core <u>undergraduate</u> level psychology course on experimental design. Responsible for all lectures, developing and grading exams, meeting with students. 45 contact hours/semester, approximately 30 students/semester
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University of South Carolina School of Medicine, Columbia, SC

2003	<i>Course Director: Experimental Design seminar</i> for <u>graduate students</u> Responsible for guiding discussions on experimental design and evaluating student research design projects. 30 contact hours, 6 students
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LSU Health Sciences Center-NO School of Medicine, New Orleans, LA

2023-present	<i>Course Development: PHYSIO110: Experimental Design & Analysis</i> Developed this course in collaboration with faculty in the Department of Physiology. Developed as an elective for <u>first-year medical students</u> interested in biomedical research. The purpose of this course is to provide an overview of basic principles of experimental design and biostatistics and prepare students for competitive research internships by presenting and discussing important topics relevant to becoming a physician-scientist. <i>Course Directorship:</i> Responsible for organizing topics and instructors, Moodle management, developing and grading assignments and developing a mock study visit. 15 contact hours/semester, approximately 20 students/year
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LSU Health Sciences Center-NO School of Graduate Studies, New Orleans, LA

2015-2016	<i>Course Director: PHYSIO290: Physiology Journal Club</i>
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- Responsible for guiding graduate student-led discussion of journal articles relevant to Physiology
18 contact hours/semester, approximately 10 students/semester
- 2016-2018 **Course Director: PHYSIO299: Physiology Seminar Series**
Responsible for organizing weekly seminar series, assisting in graduate student selection for Spitzer Award Lecture and reviewing student summaries of each speaker's seminar
18 contact hours/semester, approximately 3 students/semester
- 2017-present **Course Development: INTER143/BIOMED143: Experimental Design & Analysis.** Initially developed as a core course for graduate students in the Interdisciplinary graduate program and in the biomedical sciences master's program. The purpose of this course is to introduce new graduate students to basic experimental design, statistical methodology and bioinformatics. This course was updated in 2024 as part of the new Biomedical Sciences Graduate Program. School of Graduate Studies
Course Directorship: Responsible for organizing topics and instructors, developing and grading exams, Moodle management, and lecturing on various topics in the course, including preclinical and clinical experimental design, hypothesis testing, theory of biostatistics, regulations in research, excel basics and graphing/presenting data.
INTER143 = 30 contact hours/semester; BIOMED143 = 45 contact hours/semester, with approximately 10 students/year
- 2019 **Course Co-Director: ANAT 280: Professionalism in Biomedical Sciences**
Designed for first-year graduate students. Responsibilities include posting materials to Moodle, organizing and assessing online assignments.
7.5 contact hours/semester, approximately 10 students/year
- 2022-2023 **Course Co-Director: PHYSIO289: Perspectives on Alcohol Research**
Alcohol research seminar series for graduate students and post-doctoral fellows involved in alcohol research. Responsibilities include organizing guest speakers, developing seminars related to ethics, and presenting alcohol-related research seminars.
15-20 contact hours/semester, approximately 10 students/year
- 2023 **Course Director: PHYSIO212: Cardiovascular Physiology**
Graduate student course concentrating on cardiometabolic diseases. Responsibilities include organizing lectures, lecturing on various topics, including obesity and cardiovascular disease and estrogens and cardiovascular disease, and administrative functions for course management.

30 contact hours, approximately 5 students

2023-present **Course Development: BIOMED110/111: Fundamental Concepts in Biomedical Sciences I & II**

Led the SGS Curriculum Taskforce in the development of a series of courses to emphasize the molecular processes critical to understanding the complexities of living organisms at a cellular level. Assisted the SGS Curriculum Co-Director in implementing these courses for 2024-2025 academic year.

2023-present **Course Development: BIOMED120: Integrated Systems in Biomedical Sciences I**

Led the SGS Curriculum Taskforce in the development of a series of courses to integrate basic principles from neuroscience, physiology, pharmacology, genetics and cancer biology. Responsible for implementation of this course in Fall 2024 as part of the new first-year curriculum for graduate students in the new Biomedical Sciences PhD Program.

Course Directorship: Responsible for organizing topics and instructors, Moodle management, and developing and grading exams and lecturing on various topics in the course, including cell physiology and sensory physiology.

45 contact hours/semester, approximately 10 students

2023-present **Course Development: BIOMED121: Integrated Systems in Biomedical Sciences II**

This course is the second in a series of courses introducing basic physiology, pharmacology and cancer-related topics to first-year graduate students. This course is part of the required core curriculum for the Biomedical Sciences PhD and Master's Programs.

Course Directorship: Responsible for organizing topics and instructors, Moodle management, developing and grading exams and lecturing on various topics, including ingestive behaviors, in the course.

45 contact hours/semester, approximately 10 students/semester

2023-present **Course Development: BIOMED130/BIOMED131: Techniques & Trends in Biomedical Sciences I & II**

Led the SGS Curriculum Taskforce in the development of a series of courses to introduce graduate students to standard methodologies and the latest technologies used in modern biomedical research. Assisted the SGS Curriculum Co-Director in implementing these courses for 2024-2025 academic year

Course Co-Directorship: Assist in organizing topics and instructors. 30 contact hours/semester, approximately 10 students/semester

LSU Health Sciences Center-NO School of Nursing, New Orleans, LA

2017-present **Course Director: HLSC3410CA: Human Pathophysiology for Nursing**, Accelerated Program for first-year, undergraduate nursing students. Responsible for updating course curriculum and instructors, overall management of course via Moodle, development and administration of exams, grading of exams, lecturing and meeting and mentoring nursing students.
45 contact hours/year, approximately 50 students

2017-present **Course Director: HLSC3410: Human Pathophysiology for Nursing**, either Spring or Fall Semester for first-year, undergraduate nursing students. Responsible for updating course curriculum and instructors, overall management of course via Moodle, development, and administration of exams, grading of exams, lecturing and meeting and mentoring nursing students.
45 contact hours/year, approximately 100 students

2014-2017 **Course Co-Director: HLSC3410: Human Pathophysiology for Nursing**, for first-year undergraduate nursing students, during either Spring or Fall semesters. Responsibilities included posting lecture material to Moodle, organizing and assessing online quizzes, meeting with students, and lecturing on various topics.
45 contact hours/semester, approximately 100 students

School of Allied Health Professionals:

2017-present **Course Co-Director: OCCT6624: Pathophysiology and Medical Consequences**. Pathophysiology for occupational therapy students, responsibilities included posting lecture material to Moodle, meeting with students, and lecturing on various topics.
27 contact hours/semester, approximately 35 students

Curriculum Development and Implementation:

2023-present **Curriculum Development, PhD Biomedical PhD in Biomedical Sciences Year 1**. Instrumental in the development of the new Biomedical Sciences PhD Program, which was recently approved by both the LSU Board of Supervisors and Board of Regents. As Curriculum Director of Biomedical Sciences in School of Graduate Studies, led the Curriculum Taskforce in the development of a new, integrated, modern curriculum to provide foundational content to first-year graduate students in Biomedical Sciences.

Formal Course Responsibilities:

University of Georgia, Athens, GA

1997-1999 PSYC3980: Research Design in Psychology
 Course director and sole instructor for core undergraduate level psychology course on experimental design. Responsible for all lectures, developing and grading exams, meeting with students.
 45 contact hours/semester, approximately 30 students/semester

LSU Health Sciences Center-NO School of Medicine, New Orleans, LA

2023-present ***PHYSIO110: Experimental Design & Analysis***
 Elective course on experimental design and analysis for first-year medical students. Lectured on approximately 8 topics during the course including preclinical and clinical research design, regulatory bodies governing research, hypothesis testing, and writing IRB protocols.
 9 hours, approximately 20 students/year

2023-present ***BIOCH100: Biochemistry***
 Led the Team Based Learning (TBL) activity on Obesity for first-year medical students, developed quiz questions and learning objectives.
 2 hours, approximately 198 students/year

LSU Health Sciences Center-NO School of Graduate Studies, New Orleans, LA

2011-2014 ***INTER132: Biological Systems-Endocrine***
 Lectured on topics including the regulation of food intake and obesity to first-year graduate students.
 2.5 hours/semester

2013 ***PHYSIO291: Physiology and Pathophysiology of the Gastrointestinal Tract***
 Lectured on topics including the gastrointestinal regulation of feeding behavior to graduate students.
 2 hours

2015 ***PHYSIO216: Endocrine Physiology***
 Lectured on topics including the regulation of adipose tissue and gut hormones to graduate students.
 2 hours

2016 ***INTER123: Control of Gene Expression***
 Lectured on topics related to experimental design and biostatistics to graduate students. These lectures led to the development of INTER143: Experimental Design & Analysis.
 5 hours

2017 ***PHYSIO289: Physiology of Neuronal Circuits***

Lecture on topics including the physiology of eating disorders to graduate students.

1 hour

2017-present ***INTER143/BIOMED143: Experimental Design & Analyses***

Lecture on various topics in the course, including preclinical and clinical experimental design, hypothesis testing, theory of biostatistics, regulations in research, excel basics and graphing/presenting data.

8 hours/year, approximately 10 students/year

2019 ***ANAT 280: Professionalism in Biomedical Sciences***

Designed for first-year graduate students. Responsibilities include posting materials to Moodle, organizing and assessing online assignments and lecturing of topics related to Professionalism.

1 hour, approximately 10 students/year

2020-present ***INTER200/BIOMED150: Professionalism in Science***

Lecture on topics related to communication styles in science to first-year graduate students.

1 hour, approximately 10 students/year

2020 ***PHYSIO289: Physiological Basis of Behavior***

Lecture on topics related to ingestive behaviors to graduate students.

1 hour, approximately 5 students

2022-2023 ***PHYSIO289: Perspectives on Alcohol Research***

Alcohol research seminar series for graduate students and post-doctoral fellows involved in alcohol research. Responsibilities include organizing guest speakers, developing seminars related to ethics, and presenting alcohol-related research seminars.

1 hour, approximately 10 students/year

2023-present ***INTER260: Responsible Conduct of Research***

Lecture on topics related to authorship to graduate students.

1 hour, approximately 10 students/year

2023 ***PHYSIO212: Cardiovascular Physiology***

Graduate student course concentrating on cardiometabolic diseases.

Lectured on various topics, including obesity and cardiovascular disease and estrogens and cardiovascular disease.

3 hours, approximately 5 students

2024-present ***BIOMED120: Integrated Systems in Biomedical Sciences I***

This course is the first in a series of courses introducing basic physiology, pharmacology and neuroscience topics to first-year graduate students. This course is part of the required core curriculum for the Biomedical Sciences PhD and Master's Programs. Lectured on various topics in the course, including cell physiology and sensory physiology
8 hours, approximately 10 students

2024-present ***BIOMED121: Integrated Systems in Biomedical Sciences II***

This course is the second in a series of courses introducing basic physiology, pharmacology and cancer-related topics to first-year graduate students. This course is part of the required core curriculum for the Biomedical Sciences PhD and Master's Programs. Lectured on various topics, including ingestive behaviors, in the course.
1 hour, approximately 10 students/semester

2024-present ***BIOMED131: Techniques & Trends in Biomedical Sciences II***

This is the second in a series of courses for first-year graduate students to introduce a variety of techniques used in biomedical sciences. This course is part of the required core curriculum for the Biomedical Sciences PhD Program. Presented 1 lecture on animal models of obesity.
1 hour, approximately 10 students/semester

LSU Health Sciences Center-NO School of Nursing, New Orleans, LA

2011-2022 ***HLSC2410: Nursing Physiology***

This course is designed to teach first-year, undergraduate nursing students the basics of physiology in Fall and Spring semesters. My lecture topics included basic cell physiology, neural signaling and sensory physiology.
5-7 hours/semester (Fall & Spring), approximately 100-150 students

2014-present ***HLSC3410CA: Human Pathophysiology for Nursing***, Accelerated Program for first-year, undergraduate nursing students. My lecture topics have included the pathophysiology of metabolic syndrome, cardiac function, skin disorders, endocrine and reproductive disorders, genetics, cell adaptation, cancer, fluid regulation and wound healing.
5-8 hours/semester (Fall & Spring), approximately 50 students

2014-present ***HLSC3410: Human Pathophysiology for Nursing***, Spring and Fall semesters for first-year, undergraduate nursing students. My lecture topics have included the pathophysiology of metabolic syndrome, cardiac function, skin disorders, endocrine and reproductive disorders, genetics, cell adaptation, cancer, fluid regulation and wound healing.
5-8 hours/semester (Fall & Spring), approximately 100 students

2020-present ***NURS3470: BSN Honors Seminar I***

This course is part of the Mentoring Undergraduate Students for Excellence in Scholarship (MUSES) Program and is designed to assist nursing students with the development and implementation of a research project. My lectures topics included experimental design basics.
2 hours/semester, approximately 3-6 students

2020-present ***NURS3471: BSN Honors Seminar II***

This course is part of the Mentoring Undergraduate Students for Excellence in Scholarship (MUSES) Program and is designed to assist nursing students with the development and implementation of a research project. My lectures topics included biostatistical analysis.
2 hours/semester, approximately 3-6 students

LSU Health Sciences Center-NO School of Dentistry, New Orleans, LA

2011-2012 ***DHY3202: Dental Hygiene Physiology***

2023-present This course is designed to teach undergraduate dental hygiene students various topics in Physiology. My lectures have included, neural transmission, sensory physiology, metabolism, aging, muscle physiology and most recently, wound healing.
1-2 hours/semester, approximately 40 students

2011-2015 ***DENT1115: Dental Physiology***

2018-present This course is designed to teach dental students the basics of physiology. My lecture topics have included cell physiology, neural signaling and most recently, gustatory physiology.
2-7 hours/semester, approximately 75 students

LSU Health Sciences Center-NO School of Allied Health Professionals, New Orleans, LA

2017-present ***OCCT6624: Pathophysiology and Medical Consequences***

Course co-director of Pathophysiology for occupational therapy students, responsibilities included posting lecture material to Moodle, meeting with students, and lecturing on various topics. My lecture topics have included the pathophysiology of metabolic syndrome, cardiac function, skin disorders, endocrine and reproductive disorders, genetics, cell adaptation, cancer, fluid regulation and wound healing.
27 contact hours/semester, 5-8 hours of lecture, approximately 35 students

Departmental/Interdisciplinary Teaching Conferences:

2011-2015 Research Seminar for Endocrine Fellows

Lecturer on Basic Laboratory Techniques, Writing Scientific Manuscripts, Scientific Method and Evidence-based Medicine, Signal Transduction and

Pathways, Biology of Hormone Receptors, The Taste of Fat, Hypothalamic Regulation of Food Intake; Incretins and Gut Hormones, Louisiana State University Health Sciences Center, New Orleans, LA 2-4 contact hours/semester.

2012-2014 Endocrine Research Conference for Endocrine Fellows
Coordinator of weekly research meetings
Louisiana State University Health Sciences Center, New Orleans, LA

Undergraduate, Medical, or Graduate Students Research Projects:

High School Students:

2007 Raphael Malbrue, NIH-NIDDK Short-term Education
Program for Underrepresented Persons
Pennington Biomedical Research Center, Baton Rouge, LA

At LSU Health Sciences Center-New Orleans, LA

2014 Elle Lovick, NIAAA Summer Student Program
2018 Anna Champ, Summer Student Program
2019 Corinne Martin, Summer Student Program

Undergraduate Students:

2008 Alison Salmon, Summer Scholars Program for Veterinary Students
Pennington Biomedical Research Center, Baton Rouge, LA
2011 Allyson Schreiber, Undergraduate Research in Biological Sciences
Pennington Biomedical Research Center, Baton Rouge, LA
2011 Raphael Malbrue, Summer Scholars Program for Veterinary Students
Pennington Biomedical Research Center, Baton Rouge, LA
2012 Kenneth Arceneaux III, Undergraduate Research in Biological Sciences
Pennington Biomedical Research Center, Baton Rouge, LA

Undergraduate Students at LSU Health Sciences Center-New Orleans, LA

2011 Eli Bench, Endocrinology Section, Department of Internal Medicine
2014 Mallory Lowe, NIAAA Summer Student Program
2014 Jacquell Tircuit, Louisiana Biomedical Research Network Summer
Student Program
2015 Brooke Lawrence, NIAAA Summer Student Program
2016 Patricia-Marie MgBodile, NIAAA Summer Student Program
2018 Dalia El-Desoky, Louisiana Biomedical Research Network Summer
Student Program

High School Teachers Trained at LSU Health Sciences Center-New Orleans, LA

2025-2026 Madison Hannan, GeneBIORETS Program

Graduate Students at LSU Health Sciences Center-New Orleans, LA

2011 Regina Chustz, Interdisciplinary Graduate Student program

2012	Alan Mouton, Interdisciplinary Graduate Student program
2014	Tony Tzeng, MD/PhD program
2015	Shawn Marcell, Interdisciplinary Graduate Student program
2016	Jonquil Poret, Biomedical Sciences Master's program
2016	Darryl Gaudet, Biomedical Sciences Master's program
2019	Elizabeth Alexis, Biomedical Sciences Master's program
2021	Jennifer Li, Biomedical Sciences Master's program
2023	Mary Catherine Dematteo, Biomedical Sciences Master's program

Nursing Students in the Mentoring Undergraduate Students for Excellence in Scholarship (MUSES) Program at LSU Health Sciences Center-New Orleans, LA

2015	Claire Battle
2018	Ian Readeau
2018	Shannon Householder
2019	Jeremy Moniz
2020	Angelis Gray
2021	Cody Gulizo
2021	Amanda Weir
2022	Liezle Figueras
2024-2025	Ethan Miller
2025	Lauren Granger

Post-Baccalaureate Students at LSU Health Sciences Center-New Orleans, LA

2018	Shekinah Hernandez, Postbaccalaureate Research Education Program (PREP) in Biomedical Sciences
2025	Alyssa Negron, Postbaccalaureate Research Education Program (PREP) in Biomedical Sciences

Medical Students, Residents at LSU Health Sciences Center-New Orleans, LA

2011	Deepu Thoppil, Internal Medicine Resident
2012	Conor Coogan, Medical Student Summer Research Internship
2016	Thomas Dowling, Medical Student
2020	Eden Gallegos, Medical Student
2021	Bethany Acosta, Medical Student
2022	Caroline Neck, Medical Student, T35 Summer Research Intern
2022	Chloe Sterling, Medical Student
2022-2025	Meva Beganovic, Medical Student
2023	Catherine Rockwell, Medical Student, T35 Summer Research Intern
2023	Ashley St. Martin, Medical Student
2023-present	Jordan Book, Medical Student
2023	Renee Rumsey, Medical Student
2024	Jonathan Aphaiyarath, Medical Student
2024-2025	Abigail Livingston, Medical Student
2025	Claire Martinez, Medical Student

2025-present Anna Leyrer, Medical Student, T35 Summer Research Intern

2026-present Francis DiSalvo, Medical Student

Thesis and Dissertation Committees:

2013-2017 Timothy Allerton, Dissertation Committee Member
Department of Kinesiology
Louisiana State University, Baton Rouge, LA

LSU Health Sciences Center-New Orleans, LA

2014-2017 Stephen Ford, Dissertation Committee Member, Department of Physiology
2016-2018 Jonquil Poret, **Thesis Committee Chair**, Department of Physiology
2016-2018 Darryl Gaudet, **Thesis Committee Chair**, Department of Physiology
2020-2022 Nicholas Fried, Dissertation Committee Member, Department of Physiology
2020-2023 Taylor Templeton, Dissertation Committee Member, Department of Physiology
2021-2023 Anna Whitehead, Dissertation Committee Member, Department of Physiology
2021 Ashlee Williams, Thesis Committee Member, Department of Physiology
2022-2025 Joshua Edavettal, Dissertation Committee Member, Department of Physiology

Post-Doctoral or Post-Residency Fellows Trained at LSU Health Sciences Center-New Orleans, LA

2011-2013 Robert Dubin, MD, Endocrine Fellow
2013-2014 Gina Cosentino, MD, Endocrine Fellow
2013-2014 Monica Chiang, MD, Endocrine Fellow
2013-2014 Amy Varughese, MD, Endocrine Fellow
2019 Nabil Ahmed, MD, Postdoctoral Fellow

RESEARCH AND SCHOLARSHIP

Grants and Contracts:

Funded:

1. "Individual Differences in Anxiety: Role of Neuropeptide-Y", National Institute of Alcohol Abuse and Alcoholism, F32AA014310, Period of Support 06/01/2003-05/31/2006, Total Direct Costs \$95,348, **Principal Investigator: Post-doctoral Fellow**,
2. "Obesity and Depression: Exploring Animal Models", Pennington Biomedical Research Center, Experimental Obesity Division Pilot Project Grant, Period of Support 01/01/2004-06/30/2004, Total Direct Costs \$6000. **Principal Investigator.**
3. "Investigation of Experimental Compounds in an Animal Model of Obesity", Johnson & Johnson contract, Period of Support 07/01/2007-06/30/2008, Total Direct Costs \$20,790. **Principal Investigator.**

4. "Does Fat Sensing by the Tongue alter the Susceptibility to Obesity?", Pennington Biomedical Research Center, Nutrition and the Brain Division Pilot and Feasibility Grant, Period of Support 11/01/2007-06/30/2008, Total Direct Costs \$3000.
Principal Investigator.
Goals: To provide preliminary data for a NIH R01 grant proposal investigating fat sensing in obesity-prone and obesity-resistant rats.
5. "Altered Neural Control of Nutritional State after Experimental Traumatic Brain Injury", Pennington Biomedical Research Center, Nutrition and the Brain Division Pilot and Feasibility Grant, Period of Support 09/01/2008-06/30/2009, Total Direct Costs \$25,000. **Co-Investigator.**
6. "The Role of CD36 Receptors on the Tongues of Obesity-prone and Obesity-resistant Rats", Pennington Biomedical Research Center, Nutrition and the Brain Division Pilot and Feasibility Grant, Period of Support 09/01/2008-06/30/2009, Total Direct Costs \$25,000. **Principal Investigator.**
7. "Destabilization of Hypothalamic Sleep/Wake Neuronal System in Experimental SCI", Department of Defense, Period of Support 09/30/2010-10/31/2013, Total Direct Costs \$99,960. **Principal Investigator-Administrative.**
8. "Role of Hypothalamic QRFP on Energy Regulation in Female Rats", Nutrition & Obesity Research Center Pilot and Feasibility Grant, Period of Support 06/01/2013-08/15/2015, Total Direct Costs \$22,500. **Principal Investigator.**
Goals: To provide preliminary data for several NIH grant proposals investigating the interaction of estrogens with a novel hypothalamic peptide, QRFP.
9. "Susceptibility to Obesity: Inflammation and Vascular Function", COBRE Pilot and Feasibility Study, P30 GM106392 (Daniel Kapusta, PhD, P.I.), Period of Support 10/01/2014-07/31/2016, Total Direct Costs \$100,000, **Principal Investigator of Pilot Grant.**
10. "Alcohol & Metabolic Comorbidities in PLWHA: Evidence-Driven Interventions", NIH/National Institute of Alcohol Abuse and Alcoholism, UH2/UH3 AA026198, (Patricia E. Molina, MD, PhD, P.I.), Period of Support 09/01/2017-08/31/2022, Total Direct Costs \$1,021,465. **Co-Investigator** with 25% effort.
Goals: To investigate the effects of an exercise intervention on improving glycaemia in HIV positive individuals that may have an alcohol use disorder.
11. "Estrogens, Cardiometabolic Health, and Female Cognitive Aging", NIH/National Institute for Aging, P01 AG071746, (Jill Daniel, PhD, P.I.), Period of Support 12/01/2021-11/30/2026, Total Direct Costs for subcontract \$129,943. **Co-Investigator** with 10% effort.
12. "LSUHSC-New Orleans Postbaccalaureate Research Education Program in Biomedical Sciences", NIH/National Institute for General Medical Sciences, R25 GM148309, (Lisa Harrison-Bernard, PhD, P.I.), Period of Support 04/04/23-03/31/25, Total Direct Costs \$1,300,756. **Program Coordinator** with 20% effort.

Pending funding:

Recent non-funded applications:

1. "Alcohol Use in Sedentary People Living with HIV: Interventions to Increase Physical Activity", NIH/National Institute of Alcohol Abuse and Alcoholism, R21AA029361, Period of support 11/01/2020-10/31/2025, Total Direct Costs \$1,010,430. **Co-Principal Investigator** (multi-PI) with 10% effort.
2. "Integrated behavioral and physical intervention to improve cardiometabolic health and decrease at-risk alcohol use", NIH/National Institute of Alcohol Abuse and Alcoholism, R01 AA031012, Period of support 07/01/2023-06/30/2028, Total Direct Costs \$1,266,005. **Co-Principal Investigator** (multi-PI) with 10% effort.
3. "Combined behavioral exercise intervention to improve cardiometabolic health and reduce associated behavioral risk factors including alcohol misuse", NIH/National Institute of Alcohol Abuse and Alcoholism, R01 AA031012-01A1 (Patricia Molina, MD, PhD, P.I.), Period of Support 10/31/2024-10/30/2029, Total Direct Costs \$ 3,049,645. **Co-Investigator** with 10% effort.
4. "Alcohol, aging and frailty: targeting healthspan through exercise training" NIH/National Institute of Alcohol Abuse and Alcoholism, R01AA033256, (Liz Simon, PhD, MPI), Period of support 10/01/2026-09/30/2031, Total Direct Costs \$3,049,645. **Co-Investigator** with 10% effort.

Major Area of Research Interest:

My research investigates the regulation of dietary intake and food preferences through taste-related mechanisms, with a focus on how these processes contribute to obesity and metabolic disease. I explore the influence of genetic polymorphisms on taste perception and their impact on dietary behaviors and nutrition-related health outcomes. A central theme of my work is understanding how alcohol consumption alters taste preferences, diet quality, and metabolic function. To address these questions, I utilize both pre-clinical and clinical models of obesity and metabolic disease, allowing for a translational approach to identifying biological and behavioral mechanisms that drive unhealthy eating patterns. This work aims to inform targeted interventions to improve dietary choices and reduce the burden of metabolic disorders.

Journal Publications:

Refereed:

1. Holmes, P.V., Davis, R.C., Masini, C.V., & **Primeaux, S.D.** (1998) Effects of olfactory bulbectomy on neuropeptide gene expression in the rat olfactory/limbic system. *Neuroscience*, 86 (2),587-596. PMID: 9881871 DOI: [10.1016/s0306-4522\(98\)00029-3](https://doi.org/10.1016/s0306-4522(98)00029-3) Impact Factor: 2.9
2. **Primeaux, S. D.** & Holmes, P. V. (1999). Role of aversively-motivated behavior in the olfactory bulbectomy syndrome. *Physiology & Behavior*, 67 (1), 41-47. PMID: 10463627 DOI: [10.1016/s0031-9384\(99\)00027-x](https://doi.org/10.1016/s0031-9384(99)00027-x) Impact Factor: 2.4
3. **Primeaux, S.D.**, Holmes, P.V., Martin, R.J., Dean, R. G., & Edwards, G.L. (2000). Experimentally induced attenuation of neuropeptide-Y gene expression in transgenic mice increases mortality rate following seizures. *Neuroscience Letters*, 287 (1), 61-64. PMID: 10841991 DOI: [10.1016/s0304-3940\(00\)01137-x](https://doi.org/10.1016/s0304-3940(00)01137-x) Impact Factor: 2.5

4. **Primeaux, S. D.** & Holmes, P. V. (2000). Olfactory bulbectomy increases met-enkephalin and neuropeptide-Y-like immunoreactivity in rat limbic structures. *Pharmacology, Biochemistry, & Behavior*, 67, 331-337. PMID: 11124398 DOI: [10.1016/s0091-3057\(00\)00358-0](https://doi.org/10.1016/s0091-3057(00)00358-0) Impact Factor: 3.3
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6. **Primeaux, S.D.**, Byerley, L.O., Rosen, E. M., Ferguson, T.F., Welsh, D.A., & Molina, P.E (2021). Effects of at-risk and recent alcohol use on diet quality among people living with HIV (PLWH). *The FASEB Journal*, 35.
7. Bourgeois, B., Yeh, A., **Primeaux, S.D.**, Levitt, D., Brashear, M., Ferguson, T., Molina, P., Simon, L. (2021). Associations between circulating microRNAs and measures of insulin/glucose dynamics in people living with HIV with dysglycemia. *The FASEB Journal*, 35.
8. Levitt, D. E., Ferguson, T.F., **Primeaux, S.D.**, Zavala, J.A., Simon, L., & Molina, P.E. (2021). Skeletal muscle mitochondrial profile is dysregulated in prediabetic people living with HIV and aggravated by alcohol use. *Alcoholism: Clinical and Experimental Research*, 45.
9. Rosen, E.M., **Primeaux, S.D.**, Welsh, D.A., Molina, P.E., & Ferguson, T.F. (2021). Sugar and fat intake in binge and heavy drinking: Differences in HIV+ and HIV-. *Alcoholism: Clinical and Experimental Research*, 45.
10. **Primeaux, S.D.**, Weir, A., Denstel, K., Martin, C.K., Hsia, D. & Staiano, A (2022). Role of taste receptor gene variations (SNPs) on diet quality in adolescent females. *The FASEB Journal*, 35.
11. **Primeaux, S.D.** (2022) Intake of high fat diet leads to over-expression of CD36, QRFP, and QRFP α in the gustatory neural circuit. *The FASEB Journal*, 35.

12. **Primeaux, S.D.**, Peters, A., Levitt, D. Bourgeois, B., Ahmed, J., Johannsen, N., Ferguson, T., Simon, L, & Molina, P. (2022). Effects of aerobic exercise on dysglycemia in persons living with HIV and at-risk alcohol use: preliminary analysis. *Alcoholism: Clinical and Experimental Research*, 46.
13. Acosta, B., Acosta, K., & **Primeaux, S.** (2023). Floppy eyelid syndrome and obesity study. *American Journal of the Medical Sciences*, 365(S1).DOI: [10.1016/S0002-9629\(23\)00567-0](https://doi.org/10.1016/S0002-9629(23)00567-0)
14. **Primeaux, S.D.**, Primeaux, J.K., Holmgren, E.B., & Wills, T.A. (2023). Effects of adolescent ethanol exposure on lingual taste receptor expression. American Physiological Society Summit. *Physiology*, 38 (S1), 5734253. DOI: [10.1152/physiol.2023.38.S1.5734253](https://doi.org/10.1152/physiol.2023.38.S1.5734253)
15. Beganovic, M., Denstel, K.D., Martin, C.K., Hsia, D.S., Staiano, A.E., & **Primeaux, S.D.** (2024). Role of taste receptor gene variations (SNPs) on diet quality and dietary intake in male and female adolescents. American Physiological Society Summit. *Physiology*, 39(1). DOI: [10.1152/physiol.2024.39.S1.1786](https://doi.org/10.1152/physiol.2024.39.S1.1786)
16. Primeaux, J.K., Ha, L., Wills, T.A. & **Primeaux, S.D.** (2024). Effects of adolescent ethanol exposure on taste sensitivity and preference in male and female mice. American Physiological Society Summit, *Physiology*, 39 (S1), 1781. DOI: [10.1152/physiol.2024.39.S1.1781](https://doi.org/10.1152/physiol.2024.39.S1.1781)
17. **Primeaux, S.D.** (2025). Neural markers of gustatory signaling are differentially expressed in male and female obesity-prone and obesity-resistant rats. American Physiological Society Summit. *Physiology*, 40(S1). <https://doi.org/10.1152/physiol.2025.40.S1.1571>
18. Ferguson, T.F., **Primeaux, S.D.**, Simon, L., & Molina, P. E. (2025). Qualitative Evaluation of a 10-week Exercise Program Among People with HIV (PWH): the ALIVE-Ex Study. Research Society on Alcohol Annual Meeting. <https://doi.org/10.1093/alcalc/agaf019>
19. **Primeaux, S.D.**, Primeaux, J.K., Ha, L., & Wills, T.A. (2025). Effects of Adolescent Ethanol Exposure on Taste Receptor Expression, Taste Sensitivity, and Preference in Male and Female C57/Bl6 Mice. Research Society on Alcohol Annual Meeting.
20. **Primeaux, S.D.** DeMatteo, MC, Cohen, SE, & Palocz, J (2026). Time-course analysis of acute binge ethanol administration on lingual taste receptor expression, taste bud density, and inflammatory markers. American Physiological Society Summit.
21. Leyrer, A., Donovan, M., Haydell, R., Gardner, D., Martinez, C., Palocz, J. & **Primeaux, S.D.** (2026). Impact of chronic plus binge alcohol exposure on inflammation in the taste buds in young and aged C57/Bl6 mice. American Physiological Society Summit.

Scientific Presentations:

Oral Presentations:

Local:

1. CD36 Receptor Expression on the Tongue is Differentially Affected by High Fat Diet in Obesity-prone and Obesity-resistant Rats. *Society of the Study of Ingestive Behaviors Annual Meeting* (2010).
2. High fat diet differentially regulates olfactory receptors in the duodenum of obesity-prone and obesity-resistant rats. *Department of Medicine Annual Research Day, LSU Health Sciences Center* (2013).
3. Gastric bypass surgery leads to short-term decreases in high fat food preferences. *Department of Medicine Annual Research Day, LSU Health Sciences Center* (2014).
4. Differential expression of cardiac biomarkers in obesity-prone and obesity resistant rats. *The Obesity Society Annual Meeting* (2016).
5. Effects of ad libitum and binge-like consumption of dietary fat on lingual CD36 mRNA. *The Obesity Society Annual Meeting* (2017).
6. Intake of high fat diet leads to over-expression of CD36, QRFP, and QRFP α in the gustatory neural circuit. *Experimental Biology Annual Meeting* (2022).
7. Neural markers of gustatory signaling are differentially expressed in male and female obesity-prone and obesity-resistant rats. *American Physiological Society Summit* (2025). ***Selected for 2 symposia at this conference.**

Posters (last 5 years):

1. Effects of at-risk and recent alcohol use on diet quality among people living with HIV (PLWH). *Experimental Biology Annual Meeting, Virtual* (2021).
2. Role of taste receptor gene variations (SNPs) on diet quality in adolescent females. *Experimental Biology Annual Meeting, Philadelphia, PA* (2022).
3. Intake of high fat diet leads to over-expression of CD36, QRFP, and QRFP α in the gustatory neural circuit. *Experimental Biology Annual Meeting, Philadelphia, PA* (2022).
4. Effects of aerobic exercise on dysglycemia in persons living with HIV and at-risk alcohol use: preliminary analysis. *Research Society on Alcoholism Annual Meeting, Orlando, FL* (2022).
5. Effects of adolescent ethanol exposure on lingual taste receptor expression. *American Physiological Society Summit, Long Beach, CA* (2023).
6. Effects of adolescent ethanol exposure on taste sensitivity and preference in male and female mice. *American Physiological Society Summit, Long Beach, CA* (2024).
7. Neural markers of gustatory signaling are differentially expressed in male and female obesity-prone and obesity-resistant rats. *American Physiological Society Summit, Baltimore, MD* (2025).
8. Effects of Adolescent Ethanol Exposure on Taste Receptor Expression, Taste Sensitivity, and Preference in Male and Female C57/BL6 Mice. *Research Society on Alcohol Annual Meeting, New Orleans, LA* (2025).
9. Impact of chronic plus binge ethanol exposure on inflammation in the taste buds in young and aged male C57/BL6 mice. *American Physiological Society Summit, Minneapolis, MN* (2026).

10. Time-course analysis of acute binge ethanol administration on lingual taste receptor expression, taste bud density, and inflammatory markers. *American Physiological Society Summit, Minneapolis, MN (2026)*.

Invited Presentations:

1. Role of Neuropeptides in the Olfactory Bulbectomy Syndrome. Department of Pharmacology & Physiology, University of South Carolina School of Medicine (2000).
2. Anxiety and Ethanol: Role of Neuropeptide Y. Pennington Biomedical Research Center (2003).
3. Does Fat Sensing by the Tongue Alter the Susceptibility to Obesity? Nutrition and the Brain Division, Pennington Biomedical Research Center (2007).
4. High Fat Diets and the Link to Obesity. Department of Physiology, Louisiana State University Health Sciences Center at New Orleans (2009).
5. Differential orosensory detection of linoleic acid in obesity-prone and obesity-resistant rats is attenuated by the reduction of CD36 on the tongue. Department of Medicine, Endocrinology Fellowship Meeting, Louisiana State University Health Sciences Center at New Orleans (2013).
6. Hypothalamic QRFP: Regulation of Food Intake and Fat Selection. Department of Genetics, Louisiana State University Health Sciences Center at New Orleans (2013).
7. QRFP: Regulation of food intake. Louisiana Biomedical Research Network (2014)
8. Hypothalamic QRFP: Regulation of food intake and fat selection. Department of Physiology; Louisiana State University Health Sciences Center at New Orleans (2014).
9. The Science of Taste Preference: Does it have an impact on obesity? Louisiana State University Health Sciences Center at New Orleans (2014).
10. Obesity. Department of Internal Medicine, Endocrinology Section. Louisiana State University Health Sciences Center at New Orleans (2014).
11. Susceptibility to Obesity: Inflammation and Vascular Function. Cardiovascular COBRE, LSU Health Sciences Center at New Orleans (2015).
12. Effects of QRFP on Metabolic Parameters. Department of Physiology; Louisiana State University Health Sciences Center at New Orleans (2015).
13. Dietary Fat and the Development of Obesity. Department of Animal Care, Louisiana State University Health Sciences Center at New Orleans (2016).
14. Susceptibility to Obesity: Inflammation and Vascular Function. Cardiovascular COBRE, LSU Health Sciences Center at New Orleans (2016).
15. Role of Lingual Fat Sensing on Dietary Fat Intake and Preference. Department of Physiology; Louisiana State University Health Sciences Center at New Orleans (2017).
16. The Science of Taste Preference: Does it have an impact on obesity? BEST: Louisiana State University Health Sciences Center at New Orleans (2017).
17. Role of Lingual Fat Sensing on Fat Intake, Fat Preference and Obesity. Department of Physiology; Louisiana State University Health Sciences Center at New Orleans (2020).

18. Alcohol and Nutrition. Perspectives in Alcohol Research, Department of Physiology, Louisiana State University Health Sciences Center (2021).
19. Alcohol use and dysglycemia among people living with HIV in the ALIVE-Ex Study, Research Scholarly Learning Community Discussion, Louisiana State University Health Sciences Center at New Orleans (2021).
20. Effects of aerobic exercise on dysglycemia in persons living with HIV and at-risk alcohol use, Alcohol and Drug Abuse Center of Excellence Bi-annual Scientific Retreat, New Orleans, LA (2022).
21. PI's Role in Trainee Support: Mentoring trainee's on the development of IRB protocols, LSU School of Medicine Faculty Development Committee Workshop, Part 3 of 3, CME opportunity, New Orleans, LA (2025)

Grant Reviewer:

2007	Netherlands Organisation for Scientific Research Veni programme (Innovational Research Incentive Scheme)
2010	Botanical Research Center Pilot Project Grant, Pennington Biomedical Research Center
2011	Medical Research Council, Neurosciences & Mental Health Board, United Kingdom
2013	National Institute of Health, National Center for Complementary and Alternative Medicine Education Review Committee
2013	Botanical Research Center Pilot Project Grants, Pennington Biomedical Research Center
2014	Alcohol & Drug Abuse Center of Excellence Pilot Project Grants, LSUHSC
2014	Botanical Research Center Pilot Project Grants, Pennington Biomedical Research Center
2015	Research Enhancement Project Review Committee- ad hoc member, Louisiana State University Health Sciences Center, New Orleans, LA
2015-2018	The Obesity Society Scientific Review Committee
2016-2017	Xavier University, RCMI/BUILD/LCRC Pilot Project Program
2017-2018	Undergraduate Summer Research Fellowships, American Physiological Society- ad hoc reviewer
2018	Undergraduate Research Excellence Fellowships, American Physiological Society- ad hoc reviewer
2019, 2023	National Science Centre, Poland, Nencki Institute of Experimental Biology of the Polish Academy of Sciences
2019-present	Internal Funding Review Panel, School of Medicine, Louisiana State University Health Sciences Center, New Orleans, LA
2021-present	Patient-Centered Outcomes Research Institute (PCORI), scientific merit reviewer
2025	Louisiana Clinical & Translational Science Center (LA CaTS) Pilot Grants Program

Inventions and Patents:

1. U.S. Patent 10,507,194: "Methods for Treating Obesity", December 17, 2019; U.S. Patent 11,058,662, July 13, 2020; U.S. Patent 11,826,338, November 28, 2023. Co-Inventors, H.R. Berthoud, F.L. Greenway, & S. D. Primeaux, Divisional application filed December 12, 2019 and July 9, 2021, Provisional application filed August 10, 2015.

Editorial Posts and Activities:**Journal editorships or associate editorships:**

2016-2025 International Journal of Obesity, Editorial Board
 2018-2021 Biomedicine and Pharmacology, Assistant Editor
 2021-2025 Biomedicine and Pharmacology, Associate Editor
 2021-present Peptides, Editorial Board
 2025-present International Journal of Obesity, Associate Editor (Reviews, Special Editions)

Reviewer status:**Ad hoc Reviewer (previous 3 years):**

American Journal of Men's Health
 Annals of Translational Medicine
 Appetite
 Applied Physiology Nutrition & Metabolism
 BMJ Open Diabetes Research & Care
 Brain Research
 British Journal of Nutrition
 Diabetology
 European Journal of Pharmacology
 Experimental & Molecular Pathology
 Frontiers in Neural Circuits
 Frontiers Endocrinology
 International Journal of Environmental Research & Public Health
 International Journal of Obesity
 Journal of Clinical Medicine
 Journal of Multidisciplinary Healthcare
 Journal of Obesity
 Life Sciences
 Neurochemical Research
 Neuroscience Letters
 Nutrients
 Nutrition & Diabetes
 Obesity Research & Clinical Practice
 Peptides
 Physiology & Behavior

SERVICE AND ADMINISTRATION

LSU Health Sciences Center-NO Campus-wide Committees:

2016-2019	Interprofessional Education Committee-Obesity Section
2017-2019	Interprofessional Education Facilitator
2019-2024	School of Medicine Representative, Faculty Senate
2021-2022	Board of Supervisors Representative, Faculty Senate
2021-2023	Member, Faculty Senate Executive Board
2022-2023	Secretary, Faculty Senate Executive Board
2022	Faculty Handbook Committee
2023-present	Member, Institutional Review Board
2023-present	Center for Excellence & Innovation Steering Committee
2024-present	Conflict of Interest Committee
2025-present	Learning Management Software Review Committee
2026-present	Vice Chair, Institutional Review Board

School of Medicine, LSU Health Sciences Center-NO Committees:

2011-2026	Committee on Women's Affairs
2011-2026	Committee on Scholarships and Student Awards
2018-present	Clinical Skills Integration/HOUSES Program
2018-present	Faculty Assembly
2018-2024	Chair of Faculty Assembly Awards Subcommittee
2019-2020	President-Elect, Faculty Assembly
2019-2022	Faculty Assembly Executive Board
2019-present	Internal Funding Review Panel
2020-2021	President, Faculty Assembly
2024-2025	Secretary, Faculty Assembly
2024-2025	Faculty Assembly Executive Board
2024-2025	Liaison Committee on Medical Education (LCME) Site Visit Team (Curricular Content Team)
2025-present	Faculty Co-Sponsor, Medical Student Research Committee (MRSC)

Department of Internal Medicine, School of Medicine, LSU Health Science Center-NO Committees:

2010-2014	Endocrine Fellowship Program Review Committee
2013-2014	Chair of Research Mentoring Committee for Endocrinology Fellowship
2013-2014	Clinical Competency Committee for Endocrinology Fellowship
2014-2016	Research Mentoring Committee for Endocrinology Fellowship

Department of Physiology, School of Medicine, LSU Health Science Center-NO Committees:

2018-2020	Physiology Well-Being Committee
2020-2024	Diversity, Equity & Inclusion Committee
2021-2026	Graduate Student Committee
2021-present	T35 Internal Advisory Council

School of Graduate Studies, LSU Health Sciences Center-NO Committees:

2015-2017	Interdisciplinary Program Curriculum Review Committee
2017-2021	Graduate Student Orientation Committee
2019-2021	Graduate School Curriculum Committee
2021-present	Graduate School Advisory Committee
2021-2024	Graduate School Membership Committee
2022-2023	Chair, Graduate School Membership Committee
2022-2023	Graduate Program Work Group, School of Graduate Studies
2022-2023	Student Affairs Committee, School of Graduate Studies
2022-2023	Publication & Scholarly Activity Committee
2023-present	Graduate School Curriculum Committee
2023-present	Strategic Planning Working Group
2024-present	Chair, SGS Curriculum Committee
2024-present	Chair, Biomedical Sciences Curriculum Committee

School of Nursing, LSU Health Sciences Center-NO Committees:

2017-present	Program Facilitator, Mentoring Undergraduate Students for Excellence in Scholarship (MUSES) Program Facilitator
2021-present	Chair, Mentoring Undergraduate Students for Excellence in Scholarship (MUSES) Program Council
2022-2024	AACN The Research-Focused Doctoral Program in Nursing: Pathways to Excellence Committee
2023-2024	Member, Director of PhD Program in Nursing Search Committee
2023-present	PhD in Nursing General Examination Committee

Pennington Biomedical Research Center:

2023-present	Member, Institutional Biosafety Committee
2026-present	Vice Chair, Institutional Biosafety Committee

National Service:**Professional Society Committees:**

2014-2017	Scientific Review Committee, The Obesity Society
2015-2017	Basic Science Abstract Selection Committee, The Obesity Society
2018-2022	Career Opportunities in Physiology Committee, American Physiological Society
2020-present	Central Nervous System Section Steering Committee, American Physiological Society
2020-present	Central Nervous System Section Awards Committee, American Physiological Society
2022-2025	Central Nervous System Section Programming Committee, American Physiological Society
2022-2025	APS Summit Programming Committee, CNS Section Representative, American Physiological Society

- 2022-present Reviewer, Horwitz Horwitz Undergraduate Research Awards, American Physiological Society
- 2026-present Member, Advisory Council, American Physiological Society

Meeting chair or organizer:

- 2010 Co-Chair “Regulation of Adipocyte Metabolism” The Obesity Society Annual Meeting
- 2019 Co-Chair, Featured Topic “Sex-specific Differences in Obesity-induced Hypertension”, American Physiological Society, Endocrinology and Metabolism Section, *Experimental Biology Annual Meeting*.
- 2021 Chair, Mentoring Symposium “Evaluations & Critiques: Giving and Receiving Teaching Evaluations” American Physiological Society, Endocrinology and Metabolism Section, *Experimental Biology Annual Meeting, Virtual*.
- 2021 Chair, Mentoring Symposium “Evaluations & Critiques: Giving and Receiving Critiques on Grant Proposals” American Physiological Society, Endocrinology and Metabolism Section, *Experimental Biology Annual Meeting, Virtual*.
- 2021 Chair, Mentoring Symposium “Evaluations & Critiques: Giving and Receiving Performance Evaluations” American Physiological Society, Endocrinology and Metabolism Section, *Experimental Biology Annual Meeting, Virtual*.
- 2023 Chair, Making CeNS of Physiology, *American Physiological Society Summit, Long Beach, CA*.
- 2024 Chair, Featured Topic “Role of Taste in Modulating Ingestive Behaviors” *American Physiological Society Summit, Long Beach, CA*.
- 2025 Co-Chair, CNS Section, Joseph Erlanger Award Session, *American Physiological Society Summit, Baltimore, MD*.
- 2025 Co-Chair, Making CeNS of Physiology, *American Physiological Society Summit, Baltimore, MD*.
- 2025 Co-Chair, Sex and Stress: Challenges of Physiological Homeostasis, *American Physiological Society Summit, Baltimore, MD*.
- 2026 Co-Chair, CNS Section, Joseph Erlanger Award Session, *American Physiological Society Summit, Minneapolis, MN*.
- 2026 Co-Chair, Making CeNS of Physiology, *American Physiological Society Summit, Minneapolis, MN*.

Leadership Role:

- 2018-2020 Association for Women in Science-South Louisiana Chapter, Treasurer
- 2022-present APS Summit Programming Committee, CNS Section Representative, American Physiological Society
- 2024-2025 Chair, Central Nervous System Section Programming Committee, American Physiological Society
- 2026-present Central Nervous System Section Chair, American Physiological Society

Membership in Professional Organizations:

1995-1997	American Psychological Association, member
1996-1997	American Psychological Association Division 6, Behavioral Neuroscience & Comparative Psychology, member
1996-2000	Neuroscience Student Association, University of Georgia, member
1996-2006	Society for Neuroscience, member,
1997-1998	Neuroscience Student Association, University of Georgia, President
1998-2000	Society for Experimental Biology & Medicine, member
1999-2002	International Behavioral Neuroscience Society, member
2001-2002	South Carolina Chapter of the Society for Neuroscience, member
2003-present	The Obesity Society/North American Association for the Study of Obesity, member
2004-2012	Society of the Study of Ingestive Behaviors, member
2005-present	Nutrition Obesity Research Center, member
2010-present	American Physiological Society, member
2013-2015	Association for Chemoreception Sciences, member
2014-2017	The Obesity Society, Scientific Review Committee, member,
2015-2017	The Obesity Society, Basic Science Abstract Selection Committee, member
2018-2020	Association for Women in Science, member
2018-2020	Association for Women in Science South Louisiana Chapter, Treasurer
2020-2021	American College of Sports Medicine
2021-2023	Association for Chemical Senses
2021-2024	Research Society on Alcohol
2024-present	Association of American Medical Colleges Group on Research, Education, and Training (GREAT)
2024-2025	Southern Society for Clinical Investigation

Other Professional Service:

2013-present	International Union of Basic and Clinical Pharmacology (IUPHAR/BPS): QRFP subcommittee
2021-2023	Basic Science Writing Group, Pennington Biomedical Research Center, Baton Rouge, LA

Administrative Responsibilities:

Curriculum Development:

2023-present	Curriculum Director , School of Graduate Studies. Duties include the development, implementation, and continuous improvement of graduate-level courses for <u>first-year graduate students</u> .
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Course Administration:

University of Georgia, Athens, GA

1997-1999 Course Director: PSYC3980: Research Design in Psychology
(undergraduate students)

University of South Carolina School of Medicine, Columbia, SC

2003 Course Director: Experimental Design Seminar (graduate students)

LSU Health Sciences Center-NO School of Medicine, New Orleans, LA

2023-present Course Director: PHYSIO110: Experimental Design & Analysis

LSU Health Sciences Center-NO School of Graduate Studies, New Orleans, LA

2015-2016 Course Director: PHYSIO290: Physiology Journal Club
 2016-2018 Course Director: PHYSIO299: Physiology Seminar Series
 2017-present Course Director: INTER143/BIOMED143: Experimental Design & Analysis.
 2019 Course Co-Director: ANAT 280: Professionalism in Biomedical Sciences
 2022-2023 Course Co-Director: PHYSIO289: Perspectives on Alcohol Research
 2023 Course Director: PHYSIO212: Cardiovascular Physiology
 2023-present Course Director: BIOMED120: Integrated Systems in Biomedical Sciences I
 2023-present Course Director: BIOMED121: Integrated Systems in Biomedical Sciences II
 2023-present Course Co-Director: BIOMED130/BIOMED131: Techniques & Trends in Biomedical Sciences I & II

LSU Health Sciences Center-NO School of Nursing, New Orleans, LA

2014-2017 Course Co-Director: HLSC3410: Human Pathophysiology for Nursing
 2017-present Course Director: HLSC3410CA: Human Pathophysiology for Nursing
 2017-present Course Director: HLSC3410: Human Pathophysiology for Nursing,
 2020-present Course Co-Director: HLSC3410: Human Pathophysiology for Nursing

School of Allied Health Professionals:

2017-present Course Co-Director: OCCT6624: Pathophysiology and Medical Consequences

Community Service Activities:

2008 Guest Lecturer/Mentor, Career Day, St. Joseph's Academy, Baton Rouge, LA
 2011, 2014 Chair of Nervous System Section for 2nd grade Human Body Day, St. Thomas More School, Baton Rouge, LA
 2016-present Science Fair Judge, Greater New Orleans Science and Engineering Fair (GNOSEF), New Orleans, LA
 2019 Habitat for Humanity, New Orleans, LA
 2021 Grant reviewer, Capital Area United Way, Baton Rouge, LA
 2023 Science Fair Judge, St. Joseph's Academy, Baton Rouge, LA