

UNIVERSITY OF FLORIDA
COLLEGE OF MEDICINE SYLLABUS
NEUROSCIENCE
GMS 7794, Neuroscience Seminar (1)
Semester: Spring, 2025
Delivery Format: in-person

Co-Sponsored by the Department of Neuroscience and McKnight Brain Institute

Instructor Name: Barry Setlow, PhD and Alfonso Martín-Peña, PhD
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Office Hours: Thursdays 12:00-1:00PM and 1:00-2:00PM
Graduate Assistant: none
Preferred Course Communications: email
Prerequisites: none

Purpose and Outcome: This seminar course is to provide students with a broad overview of the field of neuroscience.

Course Overview: A weekly seminar course with lectures presented by leading researchers in the broad field of neuroscience.

Relation to Program Outcomes: This course satisfies a program requirement for students to participate in the weekly seminar series.

Course Objectives and/or Goals: To expose students to the diversity of researchers and research topics that are associated with the broad field of neuroscience.

Instructional Methods: Classes will be in-person lectures, although online, live seminars may be scheduled.

What is expected of you?

You are expected to actively engage in the course throughout the semester. You must come to class prepared by completing all out-of-class assignments. This preparation gives you the knowledge or practice needed to engage in higher levels of learning during the live class sessions. If you are not prepared, you may struggle to keep pace with the activities occurring in the live sessions, and it is unlikely that you will reach the higher learning goals of the course. Similarly, you are expected to actively participate in the live class. Your participation fosters a

rich course experience for you and your peers that facilitates overall mastery of the course objectives.

Description of Course Content:

Date	Speaker
01/16/25	<p>Hongjun (Harry) Fu, PhD Associate Professor, Dept. of Neuroscience Ohio State University Wexner Medical Center Title: <i>Selective Vulnerability to Tau Pathology in AD and FTLD: Focus on Preteostasis and Lipid Homeostasis</i></p>
01/23/25	<p>Natalie C. Ebner, PhD Trish Calvert Ring Endowed Professor, Dept. of Psychology University of Florida Title: <i>A Multi-Modal Approach to Preserving Cognition and Brain Health in Aging</i></p>
01/30/25	<p>Kajana Satkunendrarajah, PhD Associate Professor, Dept. of Neurosurgery Medical College of Wisconsin Title: Sensation to Movement in Health and Trauma</p>
02/06/25	<p>Mani Panchatcharam, PhD, MBA, MPH, FAHA, FCVS, PGDCA Associate Professor, Dept. of Cellular Biology and Anatomy LSU Health Shreveport Title: <i>The Role of LPA in Vascular and Cognitive Dysfunction: Mechanisms and Translational Insights</i></p>
02/13/25	<p>Alexandria Marciante, PhD Research Assistant Scientist, Breathing Research and Therapeutics (BREATHE) Center University of Florida, Department of Physical Therapy Title: <i>Regulation, Significance & Implications for Injury/Disease</i></p>
02/20/25	<p>Marinta Chiachiarretta, PhD - Canceled due to weather Postdoctoral Scholar, Dept. of Neuroscience TUFTS School of Medicine</p>
02/27/25	<p>Thomas Zhihao Luo, PhD Postdoctoral Research Fellow, Neuroscience Institute Princeton University Title: <i>Neuronal Population Dynamics Underlying Perceptual Decision-making</i></p>
03/06/25	<p>Brandon Warren, PhD Assistant Professor, Dept. of Pharmacodynamics University of Florida Title: <i>The role of dmPFC neuronal ensembles in cocaine-seeking</i></p>

03/13/25	David Anderson, PhD Professor, Division of Biology and Biological Engineering Caltech Title: TBD
03/20/25	Spring break – no seminar
03/27/25	Kimberly Alonge, PhD Associate Professor, Medicinal Chemistry & DOM Division of Metabolism, Endocrinology and Nutrition University of Washington Title: <i>TBD</i>
04/03/25	Name, PhD Associate Professor, Dept. of Medical College of Title: <i>TBD</i>
04/10/25	Name, PhD Associate Professor, Dept. of Medical College of Title: <i>TBD</i>
04/17/25	Name, PhD Associate Professor, Dept. of Medical College of Title: <i>TBD</i>
04/24/25	Reading period – no seminar
05/01/25	Final exams – no seminar

Schedule updated 03/6/2025

Course Materials and Technology: Journal articles as assigned.

For technical support for this class, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- [UF eLearning](#)

Academic Requirements and Grading:

Grades will be determined based on attendance, and participation through 2 interactive means.

- All students (local and Whitney) are required to participate. You need at least 2 forms of

participation, from the options below. You can do 2 of the same thing.

- 1) Attend a lunch or virtual Coffee hour with an outside speaker.
- 2) Write a 1-page summary of the presentation evaluating the science and presentation

Grading: This class is S/U. All requirements listed below must be met to earn a “S”.

Exam Policy: No exams

Policy Related to Missed Seminars:

- **Seminars will be fully excused for Conference attendance:** Please inform Course directors two weeks before the absence. You will need to provide the conference name and dates.
- **Non-Conference Absences:**
 - 1st absence: attend an additional speaker lunch. Send an email so we know.
 - 2nd Absence: Attend another neuroscience related seminar, or watch video of seminar, and submit a written 1page Summary.

Alternative seminar series that are neuro-related:

Dept. of Pharmacology and Therapeutics

Dept. of Physiology

Center for Smell and Taste (<http://cst.ufl.edu/seminars.html>)

Center for Addiction Research and Education (<https://addictionresearch.health.ufl.edu/care-seminars/>)

Control of Breathing and Airway Defense Online Seminar Series

<https://breathe.php.ufl.edu/about-us-2/center-sponsored-events/cobad/>

Please note: Any requests for make-ups due to technical issues MUST be accompanied by the UF Computing help desk (<http://helpdesk.ufl.edu/>) correspondence. You MUST e-mail me within 24 hours of the technical difficulty if you wish to request a make-up.

Policy Related to Required Class Attendance:

- Attend all Seminars
- Must Sign-in by 10min after start of seminar
- You are expected to stay for the entire class, thru the question and answer session. Students that leave early will be counted as absent

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Excused absences must be consistent with university policies in the Graduate Catalog (<http://gradcatalog.ufl.edu/content.php?catoid=10&navoid=2020#attendance>). Additional information can be found here:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Expectations Regarding Course Behavior:

Attendance is required, with excuse absences handled as describe above.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Communication Guidelines: <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

Academic Integrity: Students are expected to act in accordance with the University of Florida policy on academic integrity. As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge:

“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied:

“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students

Office for consideration of disciplinary action. For additional information regarding Academic Integrity, please see Student Conduct and Honor Code or the Graduate Student Website for additional details:

<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

<http://gradschool.ufl.edu/students/introduction.html>

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

Online Faculty Course Evaluation Process:

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at

<https://gatorevals.aa.ufl.edu/students/> . Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Policy Related to Guests Attending Class:

Only registered students are permitted to attend class. However, we recognize that students who are caretakers may face occasional unexpected challenges creating attendance barriers. Therefore, by exception, a department chair or his or her designee (e.g., instructors) may grant a student permission to bring a guest(s) for a total of two class sessions per semester. This is two sessions total across all courses. No further extensions will be granted. Please note that guests are **not** permitted to attend either cadaver or wet labs. Students are responsible for course material regardless of attendance. For additional information, please review the [Classroom Guests of Students policy](#) in its entirety.

Support Services:

Accommodations for Students with Disabilities:

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/> . It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester. The College is committed to providing reasonable accommodations to assist students in their coursework.

Counseling and Student Health:

Students sometimes experience stress from academic expectations and/or personal and interpersonal issues that may interfere with their academic performance. If you find yourself facing issues that have the potential to or are already negatively affecting your coursework, you are encouraged to talk with an instructor and/or seek help through University resources available to you.

- The Counseling and Wellness Center 352-392-1575 offers a variety of support services such as psychological assessment and intervention and assistance for math and test anxiety. Visit their web site for more information: <http://www.counseling.ufl.edu>. On line and in person assistance is available.
- You Matter We Care website: <http://www.umatter.ufl.edu/>. If you are feeling overwhelmed or stressed, you can reach out for help through the You Matter We Care website, which is staffed by Dean of Students and Counseling Center personnel.
- The Student Health Care Center at UF Health is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at UF Health offers a variety of clinical services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the web site at: <https://shcc.ufl.edu/>
- UF Health Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32698, ufhealth.org/emergency-room-trauma-center.
- University Police Department: Visit police.ufl.edu/ or call 352-392-1111 (or 9-1-1 for emergencies).
- Crisis intervention is always available 24/7 from:

Alachua County Crisis Center:

(352) 264-6789

<http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx>

Do not wait until you reach a crisis to come in and talk with us. We have helped many students through stressful situations impacting their academic performance. You are not alone so do not be afraid to ask for assistance.

Academic Resources

E-learning technical support: Contact the UF Computing Help Desk at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

Career Connections Center: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services career.ufl.edu/.

Library Support: cms.uflib.ufl.edu/ ask various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall 352-392-2010 or to make an appointment 352 392-6420. General study skills and tutoring. teachingcenter.ufl.edu/

Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers. writing.ufl.edu/writing-studio/

Student Complaints On-Campus: sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/

On-Line Students Complaints: distance.ufl.edu/student-complaint-process