

BISC/NEUR 199: Neuroscience Colloquium.

This course introduces students to the breadth of the neuroscience field with presentations by some of the university's distinguished neuroscience professors who will describe the research being conducted in their laboratories. Students will also be introduced to the opportunities provided to NEUR students at USC.

Course Coordinator:

David McKemy, Ph.D.

Professor, Neurobiology & Director of Neuroscience Undergraduate Program

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Phone: (213) 821-5724

Office Hours: By appointment

Textbook: None

Time and Place: Mondays 4pm – 4:50 pm, GFS 106

Grading: The grades for the course will be determined by mandatory class attendance and participation. Failure to miss a class without prior approval by the instructor will result in a grade reduction.

Students with Disabilities: Students requesting academic accommodations based on a disability are required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP when adequate documentation is filed. Please be sure the letter is delivered to one of the instructors as early in the semester as possible. Disability Services and Programs is located in Student Union 301 and their phone number is (213) 740-0776.

Statement on academic integrity: USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one's own academic work from misuse by others as well as to avoid using another's work as one's own. All students are expected to understand and abide by these principles. Scampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A: <http://www.usc.edu/dept/publications/SCAMPUS/gov/>. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: <http://www.usc.edu/student-affairs/SJACS/>.

Disclaimer: It may be necessary to make some changes in the syllabus during the semester.

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Presentation Schedule:

	Date	Presenter	Title/Topic
1	1/13/20	Prof. McKemy	Introduction and Neuroscience Organizations
	1/20/20	No class	MLK Day
2	1/27/20	Prof. McKemy	Introduction to Neuroscience
3	2/3/20	Prof. McKemy - Neurobiology	Cellular and molecular mechanisms that underlie the sensation of pain
4	2/10/20	Prof. Finch - Gerontology	Bad smokes: the convergent neurotoxicity of air pollution and cigarettes
	2/17/20	No class	President's Day
5	2/24/20	Prof. Dickman - Neurobiology	Homeostatic control of synaptic strength in health, disease, and sleep
6	3/2/20		Typical and atypical reading development: A computational view
7	3/9/20	Prof. Peterson - Psychiatry	Yoking brain imaging and other biological tools to more powerful study designs
	3/16/20	No class	Spring Recess
8	3/23/20	Prof. Irimia - Gerontology	Magnetic resonance imaging of the brain across the lifespan
9	3/30/20	Prof. Immordino - Psychology	TBA
10	4/6/20	Prof. McKemy	Q&A with Neuroscience Graduate Students
11	4/13/20	Prof. Ko - Neurobiology	Translational research on spinal muscular atrophy (SMA), a childhood motor neuron degenerative disease
12	4/20/20	Prof. Wood – Integrative Anatomical Sciences	Your brain on anabolic steroids
13	4/27/20	Prof. Coba - Psychiatry	TBA