

**SYNAPTIC ORGANIZATION OF THE BRAIN
CELL BIOLOGY AND ANATOMY ANAT 264
AND NEUROSCIENCE TRAINING PROGRAM NRSC 264
LOUISIANA STATE UNIV HEALTH SCI CENTER
SPRING SEMESTER, 2010**

Dr. Ranney Mize, Course Director
Spring 2010, Mon and Wed 1:00 – 3:00 PM, 7th Floor, Lions Eye Ctr Building
Email: rmize@lsuhsc.edu

Textbook: The Synaptic Organization of the Brain, 5th Edition, 2004, Gordon Shepherd (Editor)
Grades: Based on three oral presentations (30%), one Midterm (30%), and one Final (40%)

<u>Date</u>	<u>Topic</u>	<u>Room</u>	<u>Readings</u>
Jan. 25	Introduction, Overview of Course (Dr Mize)	NS Ctr 9 th Fl	
Jan 27	Introduction to Synaptic Circuits (Dr. Mize)	NS Ctr 9 th Fl	Chapt. 1
Feb 01	Memb. Properties & Neurotransmitters (Dr. Weyand)	NS Ctr 9 th Fl	Chapt. 2
Feb 03	Membrane properties student paper presentations	“	Papers
Feb 08	Spinal Cord: Ventral Horn (Dr Mize)	NS Ctr 9 th Fl	Chapt. 3
Feb 10	Spinal Cord student paper presentations	“	Papers
Feb 16	Mardi Gras Week		
Feb 22	Cochlear Nucleus/Auditory Sys (Dr. Farris)	NS Ctr 9 th Fl	Chapt. 4
Feb 24	Cochlear Nucleus student paper presentations		Papers
Mar 01	Learning and Memory (Dr. Xia)	NS Ctr 9 th Fl	Review
Mar 03	Learning Memory student paper presentations	“	Papers
Mar 10	Midterm Exam		
Mar 15	Retina (Dr. Weyand)	NS Ctr 9 th Fl	Chapt. 6
Mar 17	Retina student paper presentations	“	Papers
Mar 22	Cerebellum (Dr. Weyand)	NS Ctr 9 th Fl	Chapt. 7
Mar 24	Cerebellum student presentations	“	Papers
Mar 29	Basal ganglia (Dr. Canavier)	NS Ctr 9 th Fl	Chapt. 9
Mar 31	Basal ganglia student paper presentations	“	Papers
Apr 05	Thalamus (Dr Weyand)	NS Ctr 9 th Fl	Chapt. 8
Apr 07	Thalamus student paper presentations	“	Papers
Apr 12	Hippocampus (Dr. Gasparini)	NS Ctr 9 th Fl	Chapt. 11
Apr 14	Hippocampus student paper presentations	“	Papers
Apr 19	Neocortex (Dr. Mize)	NS Ctr 9 th Fl	Chapt. 12
Apr 21	Neocortex student paper presentations	“	Papers
Apr 28	Final Exam		