

SPINES 2008 Schedule – Modified May 15, 2008

DATE	9:00 –11:30 a.m.	12:00-1:00 pm	1:00-3:00 p.m. MRC 210	3:30-5:00 p.m. MRC 210	5:00-6:00 p.m.	6:00-9:00 p.m. MRC 210
Saturday June 14	Students Arrive Throughout the Day	Lunch	Free Time	Free Time	Dinner	Free Time
Sunday June 15	* All Course Orientation Breakfast Swope Dining Hall 9:30 am	Lunch	Free Time	Tour of MBL, MRC, and Library Ed Kravitz, Ph.D <i>Harvard Medical School</i>	Pizza Dinner w/ Dr. Kravitz	"Genetic manipulations in the fruit fly fight club: love and war in a single gene and other stories" Ed Kravitz, Ph.D. <i>Harvard Medical School</i>
Monday June 16	* Neurons in Action Ann Stuart, Ph.D <i>University of North Carolina – Chapel Hill</i> Labs will be in Loeb 308	Lunch	"Manuscript Writing Workshop#1" Joanne Berger-Sweeney, PhD, MPH <i>Wellesley College</i>	"Manuscript Writing Workshop#2" Joanne Berger-Sweeney, PhD, MPH <i>Wellesley College</i>	Dinner	"Gene-Environment Interactions in a Mouse Model of Rett Syndrome" Joanne Berger-Sweeney, PhD, MPH <i>Wellesley College</i>
Tuesday June 17	* Neurons in Action Ann Stuart, Ph.D <i>University of North Carolina – Chapel Hill</i>	Lunch	"Grantsmanship I" The PHS 398 James Townsel, Ph.D. <i>Meharry Medical College</i>	"Effective PowerPoint Slide Design" Ann Stuart, Ph.D. <i>University of North Carolina – Chapel Hill</i>	Dinner	"Excitotrophicity and Inhibotoxicity: The Effects of Seizures and Antiepileptic Drugs on the Developing Brain" Karen Gale, Ph.D., <i>Georgetown University</i>
Wednesday June 18	* Neurons in Action Ann Stuart, Ph.D <i>University of North Carolina – Chapel Hill</i>	Lunch	"Life Paths" Drs. Martinez , Townsel , Savage, and Zottoli <i>U. of Texas-San Antonio, Meharry Medical College, and Williams College</i>		Dinner	"The Changing View at the Chemical Synapse: Multiple Roles for Synaptic Vessicles" James Townsel, Ph.D. <i>Meharry Medical College</i>
Thursday June 19	* Neurons in Action Ann Stuart, Ph.D <i>University of North Carolina – Chapel Hill</i>	Lunch	"Annelid Bioinformatics and the Identification of Segmentation Genes" Robert Savage, Ph.D., <i>Williams College</i>	"Grass Foundation" and Tour of Grass Lab Catherine Carr, Ph.D. <i>U. of Maryland</i> 3:00-5:00pm	Dinner	"How the brain stores information: Hebbian Mechanisms" Joe L. Martinez, Jr., Ph.D. <i>University of Texas- San Antonio</i>
Friday June 20	* Neurons in Action Ann Stuart, Ph.D <i>University of North Carolina – Chapel Hill</i>	Lunch	"Mentoring" James G. Townsel, Ph.D., <i>Meharry Medical College</i>	"Regulation of electrical excitability by ion channel trafficking: lessons from electric fish." Harold Zakon, Ph.D., <i>University of Texas at Austin</i>	Dinner	"Dining in with a Few Trillion Friends: Exploring the Human Gut Microbiome" Jeffrey I. Gordon, M.D., <i>Washington University of St. Louis</i> 8pm in Lillie Auditorium

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Saturday June 21	* Neurons in Action Ann Stuart, Ph.D <i>University of North Carolina – Chapel Hill</i>	Invite a scientist to lunch	Supramedullary Neurons (SMCs) of Teleost Fishes Steven Zottoli, Ph.D., <i>Williams College</i>	“Health Disparities Issues” James Townsel, Ph. D. <i>Meharry Medical College</i>	Dinner	“Racism & Science” Dr.’s Martinez and Townsel <i>University of Texas at San Antonio and Meharry Medical College</i>
Sunday June 22	Free time	Free time	Free time	Free time	BBQ	BBQ at Dr. Townsel’s Cottage M.C. #35
Monday June 23	Human Brain Lab Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>	Invite a scientist to lunch	TBA Keith Trujillo, Ph.D. <i>California State University San Marcos</i> Meet in Loeb 308	TBA Keith Trujillo, Ph.D. <i>California State University San Marcos</i> Meet in Loeb 308	Dinner	Open Discussion, Responsible Conduct & Ethics/Intro to CaseStudies Bring to class "On Being a Scientist"; "Spines 2007"; "Scientific Integrity" Keith Trujillo, Ph.D., <i>CSU-SM</i>
Tuesday June 24	Human Brain Lab Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>	Invite a scientist to lunch	<u>Black Apollo of Science The Life of Ernest Everett Just</u> James Townsel, Ph.D. <i>Meharry Medical College</i>	Continued Discussion of <u>Black Apollo of Science The Life of Ernest Everett Just</u> James Townsel, Ph.D. <i>Meharry Medical College</i>	Dinner	"Human neural stem cells: from developmental biology to development of brain cancer" Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>
Wednesday June 25	Human Brain Lab Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>	Invite a scientist to lunch	Radiation Impairs Hippocampally-Dependent Learning, Severely Reduces Granule Cell Neurogenesis, and Induces Gene Expression” Pragathi Achanta, Ph.D., <i>John Hopkins University</i>	“The Peril of Plasticity: A Role for NMDA Receptors in the Behavioral Changes that Lead to Addiction” Keith Trujillo, Ph.D. <i>California State University San Marcos</i>	Dinner	“Constant Gardner” Keith Trujillo, Ph.D., <i>CSU-SM</i> In Loeb 308
Thursday June 26	Human Brain Lab Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>	Invite a scientist to lunch	Read: “On Being Scientist” for class “Intro. To Responsible Conduct of Science” Keith Trujillo, Ph.D. <i>CSU-SM</i>	“Life Path” Darcy Kelley, Ph.D. <i>Columbia University</i>	Dinner	“The Edward A. Kravitz Endowed Lectureship in Neurobiology” Darcy Kelley, Ph.D 8 pm in Speck Auditorium
Friday June 27	Human Brain Lab Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>	Lunch	“Responsible Conduct of Authorship” Read "On Being a Scientist" pp. 13-15; "Spines 2007" pp. 16-18; attached SFN guidelines Keith Trujillo, Ph.D., <i>CSU-SM</i>	TBA	Dinner	Friday Night Lecture and 2 <sup>nd</sup> Martinez and Townsel Distinguished Endowed Lecture Erich D. Jarvis, Ph.D., <i>Duke University</i> 8pm in Lillie Auditorium

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Saturday June 28	Human Brain Lab Alfredo Quiñones-Hinojosa, Ph.D., <i>John Hopkins University</i>	Lunch	"Advice for a Young Investigator" Each student should come to class with "Cajal's top 10" best advice to a young scientist, based on passages in his book. Keith Trujillo, Ph.D., <i>CSU-SM</i>	The Job Market: Career Opportunities James Townsel, Ph.D. <i>Meharry Medical College</i>	Dinner	TBA
Sunday June 29	Free Time	Free Time	Free Time	Free Time	BBQ	BBQ at Dr. Townsel's Cottage M.C. #35
Monday June 30	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	"So many toadfish, so little time" Allen Mensinger, Ph.D. <i>University of Minnesota- Duluth</i>	10min Meeting with each SPINES Fellows Loeb 307 and 306 Drs. Martinez and Townsel <i>University of Texas at San Antonio and Meharry Medical College</i>	Dinner	"Phenotyping the Untouchables: A Biopsychosocial Animal Model of Epilepsy" Stephen Heinrich, Ph.D., <i>VA Medical Center</i>
Tuesday July 1	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	"Intrinsic plasticity in dendrites of hippocampal neurons" Daniel Johnston, Ph.D., <i>University of Texas at Austin</i>	"Time Management" James G. Townsel, Ph.D. <i>Meharry Medical College</i>	Dinner	"Towards an understanding of the molecular, cellular and network properties that underlie the memory functions of the hippocampus." John Lisman, Ph.D., <i>Brandeis University</i>
Wednesday July 2	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	"The Brain as a Target of Estrogen Action in the Female Reproductive Axis" Anne Etgen, Ph.D., <i>Albert Einstein College of Medicine</i>	"Talking to the Lay Public" Rae Nishi, Ph.D., <i>University of Vermont, College of Medicine</i>	Dinner	TBA
Thursday July 3	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	"Workshop: Preparing Effective Poster Presentations" Anne Etgen, Ph.D., <i>Albert Einstein College of Medicine</i>	"Critical Reading" Anne Etgen, Ph.D., <i>Albert Einstein College of Medicine</i>	Dinner	"Porter Lecture" Clara Franzini-Armstrong, <i>University of Pennsylvania</i> 8pm in Lillie Auditorium
Friday July 4	Preparation for the 4 <sup>th</sup> of July Parade	Lunch	4 <sup>th</sup> of July parade 11:30 am preparation	Free Time	BBQ@Dr. Martinez's Condro	Fireworks Falmouth Heights Martinez's Condo 153 Jericho Path #8 Falmouth, MA 02540

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Saturday July 5	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch with Advisory Committee Meeting	D.N.P Training Advisory Committee In Starr 209	“Postdoctoral Training, Career Tracks and Career Development” John G. Hildebrand, Ph.D <i>U of Arizona</i>	Dinner	"Explorations of a 'Simple' Olfactory System" John G. Hildebrand, Ph.D., <i>University of Arizona</i>
Sunday July 6	Free Time	Lunch with TAC	M.F.P. Training Advisory Committee In Starr 209	Free Time	BBQ	Barbeque at Dr. Nishi's Cottage
Monday July 7	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	"The ups and downs of adult hippocampal neurogenesis" Erica Glasper, Ph.D., Princeton University	Book Discussion: <u>Recollections of My Life</u> ( <u>Santiago Ramon y Cajal</u> ) Keith Trujillo, Ph.D. <i>California State University San Marcos</i>	Dinner	“Synaptic Biophotonics: Using Light to Map Brain Circuit Function” George Augustine Duke University Medical Center <b>Begin at 7:30 PM</b>
Tuesday July 8	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	TBA Ramona Marie Rodriguez, PhD <i>Duke Univ. Medical Center</i>	“Fishing for Novel Genes: Zebrafish and Behavioral Genetics” John Dowling, Ph.D., Harvard University	Dinner	“Molecular Neuroscience: Basic Molecular Biology; Expression Systems; Nucleic Acid and Protein Analysis” Rae Nishi, Ph.D., <i>University of Vermont, College of Medicine</i>
Wednesday July 9	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch <u>Abstracts</u> <u>Due for</u> <u>Presentations</u>	“Teaching and Scholarly Presentations: Making your Point” Edward Castaneda, Ph.D. <i>Arizona State University</i>	Practice Presentations for Friday July 11 SPINES Symposium Student Critiques of Each Presentation Projector will be set up in MRC 210, along with laptop if necessary	Dinner	"A Behavioral Neuroscience Approach to Questions of Dopamine Function In Parkinson's Disease & Drug Addiction" Edward Castaneda, Ph.D. <i>Arizona State University</i>
Thursday July 10	Electrophysiology Lab Allen Mensinger, Ph.D. and Steve Zottoli, Ph.D., <i>University of Minnesota – Duluth and Williams College</i>	Lunch	TBA Bruce Johnson, Ph.D. Cornell University	“Balancing Having a Family with Being a Tenure Track Faculty Member ” Rae Nishi, Ph.D., <i>University of Vermont, College of Medicine</i>	Dinner	“Immunotechniques: Immunocytochemistry, Western Blotting, Affinity Chromatography, and Making Monoclonal Antibodies” Rae Nishi, Ph.D., <i>U. of Vermont, College of Medicine</i>
Friday July 11	Presentations	Lunch	Presentations	Presentations	Dinner	“Distinguished Alumni Lecture” Thomas M. Schmidt, <i>Michigan State University, co-director MBL Microbial Diversity Course</i> 8:00pm Lillie Auditorium
Saturday July 12	Students should plan to leave MBL in the morning, Check Out is at 10:00am					