



College of Science and Mathematics

Department of Biology and Physics

Directed Study – Student Symposium

Fall 2011 Schedule

Tuesday, November 29 – Room CL 1008

Time	Researcher(s)	Title	Research Group
12:30	Diamond Odell & Nick Schuck	Fin-specific transcriptome analysis and cloning of Hox A/D cluster genes in paddlefish	Davis Lab
1:00	Alan Rice	Generating a “knock-out” of the hyaluronidase gene in <i>Aeromonas hydrophila</i>	McGarey Lab
1:15	Savannah Witcher	Cloning and expression of a putative hyaluronidase from <i>Aeromonas hydrophila</i>	McGarey Lab
1:30	Melissa Ponce	Kallmann Syndrome: The Search for Unknown Loci	Hudson Lab

Wednesday, November 30 – Room CL 2008

Time	Researcher	Title	Research Group
12:30	Morgan Schweigert	Seagrass tissue analysis indicates significant herbivory-enrichment interaction	Mutchler Lab
12:45	Karen Garcia	Preliminary Survey of Mycorrhizal Associations for Three Tree Species in the Tropical Dry Forest of the Yucatan Peninsula	McElroy Lab
1:00	Sarah Pope	Chimpanzees (<i>Pan troglodytes</i>) use of pant-grunts as intentional vocalizations	Tagliatela Lab
1:15	Bianca Mondesir	Attention-getting gestures exhibited by western lowland gorillas at Zoo Atlanta	Tagliatela Lab
1:30	Peris Mungai	Biological Control	Achar Lab

Thursday, December 1 – Room CL 1008

Time	Researcher	Title	Research Group
12:30	Ryan McWilliams	Diel horizontal migration of zooplankton within a wetland – its patterns as a response to predation	Dirnberger Lab
12:45	Daniel Rhiner	Using cyclomorphosis to access predation on zooplankton in wetlands	Dirnberger Lab
1:00	Evan Frisbee	Comparisons of plant communities between two sites in Dry Seasonal Forests of the Yucatan Peninsula	Mutchler Lab
1:15	Lauren Joyce	Ecological variation in a tropical dry forest	Jackson Lab
1:30	Carlos	Comparison of multiple stem abundance and plot age	Jackson Lab

Friday, December 2 – Room CL 1009

Time	Researcher	Title	Research Group
12:45	Erica Francis	Analysis of cortical markers in a stem cell-to-forebrain developmental model	Hudson Lab
1:00	Kristen Dunn	PCR-based Diagnostics for Detection of <i>Borrelia burgdorferi</i> and <i>Borrelia lonestari</i> DNA in human sera	McGarey Lab
1:15	Austin Howard	Genetic analysis of axon pathfinding genes during <i>C. elegans</i> embryonic development	Hudson Lab
1:30	Eric Duncan	Mycorrhizal Associations in a Dry Seasonal Tropical Forest	Mutchler Lab