Molecular Mechanisms of Memory
Professor Tom Carew

2015 CLASS SCHEDULE

Sept 14  (1) Course goals and structure; (2) Learning and Memory: an Overview
          (3) Introduction to the molecular vocabulary of learning and memory
Sept 21  Model System I: Synaptic and molecular analysis of memory in Aplysia
Sept 28  Model System II: Behavioral genetic analysis of memory in Drosophila
Oct 5    Model System III: Long-term synaptic plasticity in the hippocampus

CYCLE 1: APLYSCIA
Oct 12   Fall Break
Oct 13   APLYSCIA I: Student-led discussions of original papers
Oct 19   No class (SfN meeting)
Oct 26   APLYSCIA II: Breakout sessions - team brainstorming for Project Proposals
Nov 2    APLYSCIA III: Team presentations of Project Proposals

CYCLE 2: DROSOPHILA
Nov 9    DROSOPHILA I: Student-led discussions of original papers
Nov 16   DROSOPHILA II: Breakout sessions - team brainstorming for Project Proposals
Nov 23   DROSOPHILA III: Team presentations of Project Proposals

CYCLE 3: HIPPOCAMPUS
Nov 30   HIPPOCAMPUS I: Student-led discussions of original papers
Dec 7    HIPPOCAMPUS II: Breakout sessions - team brainstorming for Project Proposals
Dec 14   HIPPOCAMPUS III: Team presentations of Project Proposals