Instructions: This year, students will choose a paper under the Neurogenetic topic. Choice of journal article and a link to the full Pubmed text should be emailed to Emily McLaughlin Emily.McLauglin@med.uvm.edu no less than two weeks prior to the presentation.

Neurogenetics

In Neuroscience, behavior and molecular techniques are frequently utilized to address certain questions. A big component of molecular biology is genetics. In order to use a molecular technique, we must have an understanding of the genetics. Students will present a primary journal article that uses a genetic approach in order to address their question. The goal is to gain a better understanding on the basic genetic applications available in our field.

Students will present one recent (2008-2010) paper dealing with a topic outside of their current research interests. Student presenters should use the first 5-15 minutes to explain the genetic technique used in the paper, making sure to address its advantages and limitations. The next 1-2 minutes should be used to state the question/s the paper is addressing. The next 5-15 minutes should describe the rest of the methods. The following 5-15 minutes should describe the results and figures and 5-15 minutes for conclusions and critical analysis.

Students are encouraged to find and invite a UVM faculty member with expertise related to your paper topic. Please notify Rae two weeks prior to your presentation, so that she may also invite the faculty member.

Examples:
