Instructor - Dr. Jeff Solka (jsolka@gmail.com)

Meeting Place - Prince William Ocquaun Building Room 304B
Meeting Time - 4:30-7:10 pm Mondays

Course Website
http://binf.gmu.edu/~jsolka/fall09/binfs34/Fall_2009BINF_634_Syllabus_rev1.html

Course Description:
This course will provide an introduction to Bioinformatic Programming using PERL. Some of the topics that will be covered include rudimentary language syntax, hashes, subroutines, two-dimensional arrays, modules, CGI programming, MySQL, visualization, and BioPerl.

Prerequisites:
Rudimentary biological background such as taught in BIOL 482 or the equivalent.
Rudimentary programming background such as taught in IT 108 or CS 112 or the equivalent.

Required Text:
Beginning Perl for Bioinformatics by Tisdall and Waliszewski
Programming Perl (3rd Edition) by Wall, Christiansen and Orwant

Grading:
- Programming assignments (50%)
  - 5 graded programming assignments
- Exams: Midterm (20%) and Final (20%)
  - May include both closed-book section and open-book programming problems
- In-class Quizzes (10%)
- Weekly homework assignments
  - All HW assignments must be submitted to me by the beginning of the next class. HW assignments will not be graded individually, but you may be called upon to discuss your work during the next class. Therefore, late assignments will not be accepted.