**Fish Health Management - Laboratory**

**Spring 2010**

**Monday 2:30pm-5:20pm**

**CNR 108**

**Instructor:** David Burbank

**Office:** CNR 109

**Office Hours:** 12:00-2:00pm W or by appointment

**Website:** www.cnr.uidaho.edu/fish422and424

***Laboratory Objectives***

* Provide an opportunity for students to gain hands-on experience conducting routine fish necropsies associated with clinical examination of finfish.
* Recognize clinical disease signs of infected fish.
* Become familiar with disease treatments and prevention methods.
* Introduce diagnostic methods for common fish diseases.
* Differentiate between normal and abnormal tissue at the whole animal and cellular level.
* Discuss scientific literature applying to the topic of each lab section.

***Lab Assignments***

As stated in the class syllabus, individual laboratory notebooks are to be maintained by each student. Notebooks must include notes taken during lab, drawings, and any data forms used for water quality tests and necropsies. Notebooks will be graded at mid-term and after lab practical.

Each student must have a dissection kit for laboratory by February 1st.

***Quizzes, Discussion, and Lab Practical***

We will be discussing relevant scientific literature in class each week. A paper will be assigned each week (available on the website) and discussed the next week during class. Information in each paper may be used as quiz material.

Expect a quiz during each laboratory section. Quizzes will be reflective of any in-lab discussion and information presented in the prior week’s laboratory exercise. Eight quizzes are tentatively planned, but only 5 will count toward the final grade (you can drop three).

The lab practical is scheduled for April 26th and will include aspects of all previous lab sections.

***Grading***

Grades will be scaled to their proper percentage (please see class syllabus).