

**NSCI 6900**  
**MASTER'S RESEARCH FOR COURSE CREDIT**

Number of Credits: 1  
INSTRUCTOR: K.D. Hyrenbach  
MEETING TIME: TBA  
SEMESTER: Spring 2012

STUDENT NAME: Shannon Lyday

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COURSE DESCRIPTION:  
(include problem being addressed, general nature of work done, location of work, other pertinent information)

My thesis project will develop a multivariate ecosystem index quantifying the relationship between shearwater community structure, physical and biological ocean parameters, and the catches of commercially important fish stocks using data collected over four study years (1996, 2001, 2005, 2008) in the California Current System (CCS).

The spring 2012 semester will be focused on data analyses. I will work on obtaining the commercial catch data from Washington and Oregon. I will determine the spatial and temporal scope of the data so that I can scale the seabird data accordingly as well as obtain the appropriate environmental data.

Shannon will meet with Dr. Hyrenbach (~2 hr/week) to review and discuss progress on these goals.

(Print) K. David Hyrenbach (Sign) \_\_\_\_\_ (Date) 01/31/2012  
THESIS COMMITTEE CHAIR

(Print) \_\_\_\_\_ (Sign) \_\_\_\_\_ (Date) \_\_\_\_\_  
ASSOCIATE DEAN OF MARINE SCIENCE PROGRAMS