

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

Number of Credits: 2  
INSTRUCTOR: K.D. Hyrenbach  
MEETING TIME: TBA

STUDENT NAME: Shannon Lyday

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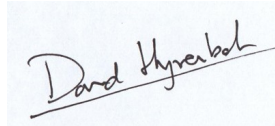
**COURSE DESCRIPTION:**

(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 species using data collected over four years (1996, 2001, 2005, 2008) in the California Current System (CCS).

The goals for this course during fall semester 2011 are to: 1) finish compiling and summarizing environmental and fisheries data; 2) determine the spatial and temporal scope of these data; 3) defend my thesis proposal; and 4) complete a summary of the 4 years of data, including seabird, commercial fish, and oceanographic data.

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



(Print) K. David Hyrenbach (Sign) \_\_\_\_\_ (Date) August 30, 2011  
THESIS COMMITTEE CHAIR

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