

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

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

STUDENT NAME: Pamela Michael

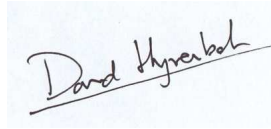
TELEPHONE AND E-MAIL FOR STUDENT: 360-789-1745 pamelae.michael@gmail.com

TELEPHONE AND E-MAIL FOR INSTRUCTOR: 808-236-3563 khyrenbach@hpu.edu

**COURSE DESCRIPTION:**

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

Pamela will finish analyzing the overlap of Black-footed Albatross telemetry data with longline and trawl fisheries off of California. This will include: 1) quantifying albatross 'intensity of occurrence' within fishing blocks, 2) mapping overlap of albatross with fishing effort, 3) graphically comparing the habitat (bathymetric domain, depth, CV depth) used by longline and trawl fisheries and albatross and 4) text interpreting of overlap in habitat use. Using the same habitat descriptors, Pamela will begin a comprehensive analysis of longline and trawl fishing effort across the state of California, regardless of albatross occurrence using data from January – December, 2004-2008. Pamela will meet with Dr. Hyrenbach ~2hrs a week to discuss relevant issues, progress, and timelines.



(Print) K. David Hyrenbach (Sign) \_\_\_\_\_  
THESIS COMMITTEE CHAIR

(Date) December 16, 2010

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

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

Number of Credits: 3  
INSTRUCTOR: K.D. Hyrenbach  
MEETING TIME: TBA

STUDENT NAME: Pamela Michael

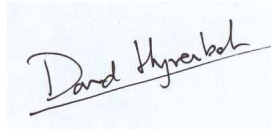
TELEPHONE AND E-MAIL FOR STUDENT: 360-789-1745 pamela.e.michael@gmail.com

TELEPHONE AND E-MAIL FOR INSTRUCTOR: 808-236-3563 khyrenbach@hpu.edu

**COURSE DESCRIPTION:**

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

Pamela will finish the analysis and writing of two "data" chapters for her MS dissertation. This will include: 1) finishing the analysis and figures for her two researched based chapters, 3) format both research chapters for submittal to peer-reviewed journals. The final thesis will consist of three chapters: a literature review and two research chapters: 1) putting it into context: hierarchical modeling of black-footed albatross spatial form and 2) broad scale, low frequency associations of black-footed Albatross within central California National Marine Sanctuaries). Pamela will meet with Dr. Hyrenbach ~3hrs a week to discuss relevant issues, progress, and timelines.



(Print) K. David Hyrenbach (Sign)  
THESIS COMMITTEE CHAIR

(Date) December 16, 2010

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