

NSCI 6900
MASTER'S RESEARCH FOR COURSE CREDIT

Number of Credits: 1
INSTRUCTOR: K.D. Hyrenbach
MEETING TIME: TBA
SEMESTER: Spring 2013

STUDENT NAME: Sarah Youngren

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

COURSE DESCRIPTION:

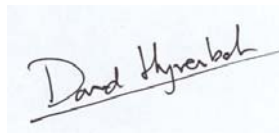
(include problem being addressed, general nature of work done, location of work, other pertinent information)

The proposed project will address factors relating to chick growth and survival in the Tristram's Storm Petrel, *Oceanodroma tristrami*, with field work having been conducted on Tern Island, French Frigate Shoals, Papahānaumokuākea Marine National Monument. Data and specimens for this project have been collected; an additional necropsy component is to be completed during spring/summer 2013.

During the spring 2013 semester Sarah will work with her committee members to outline the research goals for her thesis proposal by: (i) integrating the disparate datasets collected on Tern Island, and (ii) placing these data in the context of the knowledge gained from her review of the relevant literature. To this end, Sarah will synthesize and organize her data for analysis.

The goals for this course for spring 2013 are to: (i) Define methods for analysis of data concerning factors effecting storm petrel chick growth and survival and all data relating to the little studied *O. tristrami*; (ii) acquire the analytical tools needed to begin to analyze datasets collected on Tern Island. (iii) explore / summarize data collected during four seasons of *O. tristrami* research on Tern Island.

Sarah will meet with Dr. Hyrenbach ~1hr/week to review and discuss progress on these goals



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

(Date) January 17, 2013

(Print) _____ (Sign) _____ (Date) _____
ASSOCIATE DEAN OF MARINE SCIENCE PROGRAMS