

NSCI 6900  
MASTER'S RESEARCH FOR COURSE CREDIT

Number of Credits: 1

INSTRUCTOR: K.D. Hyrenbach

MEETING TIME: TBA

STUDENT NAME: Sarah Youngren

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TELEPHONE AND E-MAIL FOR INSTRUCTOR: (808) 228-4464 [khyrenbach@hpu.edu](mailto:khyrenbach@hpu.edu)

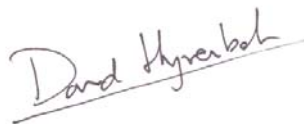
COURSE DESCRIPTION:

(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 work having been conducted on Tern Island, French Frigate Shoals, Papahānaumokuākea Marine National Monument. Data and specimens for this project have been collected, and an additional necropsy component still needs to be completed. During the fall 2012 semester Sarah will work with her committee members to integrate the datasets collected on Tern Island, and review the relevant literature with the aim of solidifying research goals for her thesis. Based on these findings Sarah will decide if additional data and specimens relating to Tristram's Storm Petrel will be collected from Tern Island for the upcoming breeding season will be pursued. During the fall 2012 semester Sarah will prepare to analyze the data for the proposed project.

The goals for this course for fall 2012 are to: (i) evaluate the relevant literature concerning factors effecting storm petrel chick growth and survival and all data relating to the little studied *O. tristrami*; (ii) explore / summarize data collected during three seasons of *O. tristrami* research on Tern Island; (iii) acquire the analytical tools needed to begin to analyze datasets collected on Tern Island; and (iiii) possibly pursue additional Tristram's Storm Petrel samples from Tern Island.

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



(Print) K. David Hyrenbach (Sign) \_\_\_\_\_

(Date) 8/31/2012

THESIS COMMITTEE CHAIR

(Print) \_\_\_\_\_ (Sign) \_\_\_\_\_

(Date) \_\_\_\_\_

ASSOCIATE DEAN OF MARINE SCIENCE PROGRAMS