

NSCI 6900
MASTER'S RESEARCH FOR COURSE CREDIT

Number of Credits: 1

INSTRUCTOR: K.D. Hyrenbach

MEETING TIME: TBA

SEMESTER: Spring 2013

STUDENT NAME: Dan Rapp

TELEPHONE AND E-MAIL FOR STUDENT: (907) 394-8103 / (907)-953-1380, dnrapp@gmail.com

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

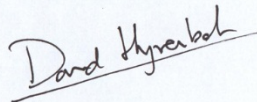
COURSE DESCRIPTION:

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

The proposed project will assess community wide patterns of plastic ingestion by seabirds breeding at French Frigate Shoals, Papahānaumokuākea Marine National Monument, HI. This project will also look more in-depth at possible effects of the intergenerational transfer of plastic debris on Laysan Albatross (*Phoebastria immutabilis*) breeding on Tern Island within French Frigate Shoals. Dan will use data collected from the past two breeding seasons at French Frigate Shoals for his analysis. This data will be further assembled and prepared for analysis during the spring 2013 semester. Dan will continue to process seabird specimens collected from French Frigate Shoals as part of his thesis work. Methods for assessing specimen health and condition will be solidified through consultation with experts at the USGS National Wildlife Health Center, Honolulu, HI. In addition, past and current literature will be reviewed on methods and research design for the proposed project.

The goals for the spring 2013 semester are to: (i) review relevant literature on methodology and research design for the proposed project; (ii) continue to assemble and prepare data collected at French Frigate Shoals for analysis; (iii) continue to process seabird specimens collected at French Frigate Shoals; (iv) consult with the USGS National Wildlife Health Center to solidify necropsy methods.

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



K. David Hyrenbach (Sign)

(Date) 01/18/2013

THESIS COMMITTEE co-CHAIR

(Print) _____ (Sign) _____ (Date) _____

ASSOCIATE DEAN OF MARINE SCIENCE PROGRAMS