

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

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

STUDENT NAME: Jessica Lopez

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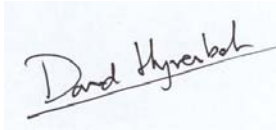
TELEPHONE AND E-MAIL FOR INSTRUCTOR: (808) 228-4464 khyrenbach@hpu.edu

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

The proposed project will be an evaluation of organochlorine pollutants in Hawaiian monk seals (*Monachus schauinslandi*) from the northwest Hawaiian islands and the main Hawaiian islands. During the fall 2009 semester Jessica Lopez will complete a literature review of toxins in pinnipeds, spatial aspects of pollutants in Hawaii, and monk seal movement data for her MS dissertation. Jessica will also work with Brenda Jensen to prepare archived tissue samples for analysis of organochlorines and other toxins.

The goals of this course for fall 2009 are to (i) compile a review manuscript to be included in Jessica's MS dissertation and to (ii) prepare archived blood and blubber samples for analysis at the Northwest Fisheries Science Center.

Jessica will meet with Dr. Hyrenbach (~2 hr/week) to review and discuss literature and to discuss progress of the sample preparation and the next steps for the project.



(Print) K. David Hyrenbach (Sign) \_\_\_\_\_ (Date) November 18, 2009  
THESIS COMMITTEE co-CHAIR

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