

NSCI 6900
MASTER'S RESEARCH FOR COURSE CREDIT

Number of Credits: 1

INSTRUCTOR: K.D. Hyrenbach

MEETING TIME: TBA

STUDENT NAME: Zora McGinnis

TELEPHONE AND E-MAIL FOR STUDENT: 808-388-9827 zmcginni@my.hpu.edu

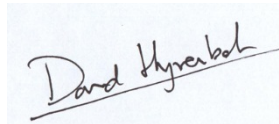
TELEPHONE AND E-MAIL FOR INSTRUCTOR: 808-228-4464; khyrenbach@hpu.edu

COURSE DESCRIPTION:

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

This portion of my research project will involve analyzing the fish samples (flying fish and myctophids) collected while on the plastics cruise. Fish will be dissected and their digestive tracts analyzed for plastics. Plastic will be sorted by type and quantified. Eventually these numbers will be correlated with visual plastics sightings along the cruise track. Tissue samples will be taken from each fish and preserved for future isotopic analysis. Tissue samples required by URI as determined by the pending collaboration agreement will be prepared and sent or analyzed as required.

The goals of this project for the fall 2012 semester are: (i) complete a literature review of plastic ingestion by fish, that will become part of the first chapter in my thesis, and (ii) investigate the standardized methods for fish collection and stomach content processing. Zora and David will meet once a week to discuss the relevant literature, to evaluate the progress of the research and to consider future steps.



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

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

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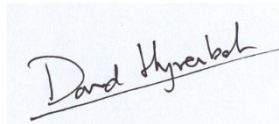
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