

NSCI 6900
MASTER'S RESEARCH FOR COURSE CREDIT

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

STUDENT NAME: Zora McGinnis

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COURSE DESCRIPTION:

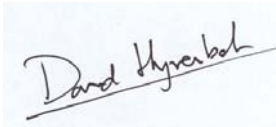
This portion of my research project will be a continuation of the research I did while at sea on the SEA Plastics cruise. Fish samples collected on the cruise (mostly myctophids) will be dissected for plastic in their guts using a protocol established by collaborators. Tissue samples will be preserved for isotopic analysis and persistent organic pollutant analysis. Plastic densities from these fish will be correlated to visual sightings from the cruise.

Stomachs of other fish (mahi mahi, ahi, and others) that have been obtained from a local fisherman will also be examined for plastic concentrations to gauge impacts of plastic pollution on local fisheries and waters.

Zora and David will meet once a week to discuss methodology challenges and progress.

More specifically, the goals for the Spring 2013 semester entail:

- 1) Finish cruise fish dissections by May as per the collaboration agreement with SEA/URI
- 2) Complete exploration of additional fish stomach samples from other sources (fishers and NOAA research boats)

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

(Date) January 17, 2013

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