NSCI 6900
MASTER'S RESEARCH FOR COURSE CREDIT

Term Spring 2009_____
Number of Credits: _1____
INSTRUCTOR: _Hyrenbach_____
MEETING TIME : TBA

STUDENT NAME__Andrew Titmus_____

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

Andrew Titmus will continue to contribute to the "North Pacific Marine Debris and Seabirds Cruise" project as a part of his MSMS research. Additionally, Andrew will begin preliminary work on the "Assessment of Plastic Ingestion in North Pacific tubenose seabirds" project. The goal of the work this semester towards this project will be to refine research design for the fieldwork component of this project and to examine seabird stomach and albatross bolus samples for plastic analysis.

Andrew will be employed for 17 hours per week working on this project during the spring (January – May), and specific tasks will involve:

1) Characterize the amount and type of plastics recovered from Black footed albatross boluses collected in the North West Hawaiian Islands during the summer of 2008.
2) Necropsy seabirds collected from the North Pacific to examine stomachs for plastics. Collect and characterize these diet samples to investigate the amounts and types of ingested plastics
3) Review and refine project details and goals in order to complete a project proposal for the research component of the MSMS program
4) Review and summarize the results of the Seabirds Cruise modeling results in order to prepare a manuscript for publication with Dr. Hyrenbach.

Additionally, Andrew will meet with Dr. Hyrenbach weekly to discuss progress on these projects as well as to review the relevant literature on seabird ecology, North Pacific oceanography, remote sensing, and habitat modeling in order to complete the MSMS project proposal.

(Print)__Karl David Hyrenbach ____ (Sign) _____ (Date)_December 7, 2008__
THESIS COMMITTEE CHAIR

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