

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

Number of Credits: 2

INSTRUCTOR: K.D. Hyrenbach

MEETING TIME: TBA

STUDENT NAME: Andrew Titmus

TELEPHONE AND E-MAIL FOR STUDENT: 530-318-9805      [ajtitmus@gmail.com](mailto:ajtitmus@gmail.com)

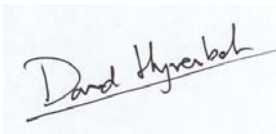
TELEPHONE AND E-MAIL FOR INSTRUCTOR: 808-228-4464      [khyrenba@gmail.com](mailto:khyrenba@gmail.com)

**COURSE DESCRIPTION:**

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

This semester, Andrew Titmus will work on the following two aspects of his MSMS dissertation: i) the necropsy of 2008 NWHI albatross and 2009 MHI seabirds; and ii) process and quantify the stomach samples from these birds to produce a large dataset of ingested plastic data.

The work this semester will focus on completing the necropsies of birds to be included in the dataset as well as formulating a protocol for processing stomach samples from specimens and the creation of a dataset of diet including ingested plastics.

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

(Date) Nov 30, 2009

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

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

Number of Credits: 3  
INSTRUCTOR: K.D. Hyrenbach  
MEETING TIME: TBA

STUDENT NAME: Andrew Titmus

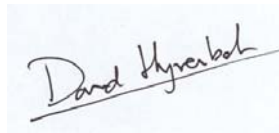
TELEPHONE AND E-MAIL FOR STUDENT: 530-318-9805      [ajtitmus@gmail.com](mailto:ajtitmus@gmail.com)

TELEPHONE AND E-MAIL FOR INSTRUCTOR: 808-228-4464      [khyrenba@gmail.com](mailto:khyrenba@gmail.com)

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

This semester, Andrew Titmus will work on three related aspects of his MSMS dissertation: i) the dissection and quantification of albatross boluses to create a multi year and multi species dataset; ii) the supervision of two work study students with the dissections of archived albatross boluses; and iii) testing a portable ultrasound device on dead lab albatross chick specimens, and live albatross chicks on Oahu in order to test the applicability of the tool prior to field studies at Midway Atoll.

The work this semester will focus on completing the processing of all archived boluses to be included in the final dataset and standardizing the ultrasound procedure for further use in the field.



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

(Date) Nov 30, 2009

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