

# **FIELD WILDLIFE FORENSICS at Shoals Marine Laboratory**

COURSE SYLLABUS for 2012

## **PRACTICAL TECHNIQUES FOR SCENE INVESTIGATION OF MARINE MAMMAL STRANDINGS; AND THE UNTIMELY DEATH OF WILDLIFE.**

### **Core Faculty:**

Dr. Wayne D. Lord, (FBI Retired)-Forensic Science Institute, University of Central Oklahoma

Dr. Romona Haebler, United States Environmental Protection Agency (EPA Retired)

Dr. Robert D. Kenney, Graduate School of Oceanography, University of Rhode Island

Dr. William C. Rodriguez, Armed Forces Institute of Pathology (AFIP Retired)

Dr. Inga Sidor, NH Veterinary Diagnostic Laboratory, University of New Hampshire

Dr. Mark Pokras, School of Veterinary Medicine, Tufts University

(LC= lecture; FE= field exercise; LE=laboratory exercise)

### **Day 1**

LC: Faculty and Staff Introduction, Administrative Matters, Island Orientation.

FE: Island Tour and History.

LC: Introduction to Field Wildlife Forensic Science.

LC: Legal Review: Scene Response, Search and Seizure, Chain of Custody.

### **Day 2**

LC: Wildlife Scene Response, Management, and Documentation.

LC: Search and Seizure: Evidence Recognition, Collection, Documentation, and Preservation.

FE: Field Practicum: Scene Response, Search, and Evidence Recovery.

LC Wildlife Forensic Pathology: Field Examinations and Techniques.

LC: Forensic Case Discussions.

### **Day 3**

LC: Wildlife Necropsy: Procedures and Techniques.

FE: Field Practicum: Recovery and Necropsy of Marine Vertebrates

LE: Forensic Field Techniques: Practical Exercises in Evidence Identification and Recovery .

LC: Forensic Case Discussions

### **Day 4**

LC: Expert Witness Qualification, Case Testimony, and Courtroom Procedures.

LE: Case Practicum: Moot Court Testimony.

LC: Course Summary - Awarding of Course Certificates