MMC 2011-2012 Activity (October 2011 to September 2012)

MMC RFP $228,755 awarded:

T. Aran Mooney, Tom Hurst and Jim Partan,
Look Who's Talking. Identifying the bioacoustic signals of sound-sensitive cetaceans and new applications for the DMON

Sibel Karchner, Neel Aluru and Andrea Bogomolni
Pilot study investigating the role of corticosterone binding globulin (CBG) as an indicator of endocrine stress response in marine mammals

Julie van der Hoop, Simon Thorrold, Patrick Miller, and Mark Grosenbaugh
Estimating Drag Forces and Energetics of Free-Swimming Entangled Whales

Mark Baumgartner and H. Carter Esch,
Monitoring bowhead whale occurrence in the Bering Sea using passive acoustics

Jesús Pineda, Victoria Starczak and José da Silva
Distribution, timing of aggregation, and foraging processes in an ecological hotspot: aggregation of humpback whales at the southern flank of Stellwagen Bank

Jonathan Howland, Nicholas Macfarland and Peter Tyack
A Stereo Geocoding System for Marine Mammals

Discretionary Awards

Laela Sayigh, Whales4Teach costshare: "It's Noisy Our There! Using Dolphins and Whales to Teach Students About How Humans Influence Costal Ecosystems."

Mark Baumgartener, Tioga sampling trip

Other spending

MMC Salaries

Postdoc Yara Barnaldo

New Cetus Dtag Server and setup

Open Access for MMC articles in print
Articles by Sasha Hooker (1)
Michael Moore (4)
Maya Yamato (1)

CT Scanner Maintenance contract and repairs

Anna McGregor: Data Analysis for
Right Whale part of the PCAD (now PCoD) project for Peter Tyack

Duke/WHOI Fellowships

Matthew Bower
Thermoregulation Mediated by diving behavior in deep diving Whales

Jason Carduner
To establish a baseline acoustic ecology of Horseshoe Shoal using Passive acoustic monitoring

Jessica Richardson
Comparing data from sighting records for cetaceans around South Georgia Island and creating a webpage for the South Georgia Island Museum for an interactive exhibit.
Paper In Press: Endangered Species Research

Workshops and Seminars: MMC sponsored Events 2011 -2012

Gulf of Maine Seals - Fisheries Interactions and Integrated Research
October 28th 2011, 8:30 am-6pm
Provincetown Center for Coastal Studies, Provincetown, MA
Final report is on the website
http://www.whoi.edu/fileserver.do?id=129565&pt=2&p=41026

Life in the abyss - Social dynamics of deep-diving pilot whales
Dr. Frants Jensen
Thursday, September 27, 2012 Redfield Auditorium - 12:00 Noon
Danish Council for Independent Research Natural Sciences Postdoctoral Fellow, Woods Hole Oceanographic Institution

The auditory system of the minke whale (Balaenoptera acutorostrata): A potential fatty sound reception pathway in a Mysticete cetacean
Maya Yamato: Doctoral Dissertation Defense of Thesis
Wednesday, August 22, 2012
Redfield Auditorium - 10:00am

Science for right whale conservation: an outsider's view
Thursday, May 31, 2012
Redfield Auditorium - 12:00 Noon
Dr. Peter Corkeron
Leader, Large Whale Team Protected Species Branch NOAA Northeast Fisheries Science Center

Morphology and lipid biochemistry of fats associated with cetacean ears
Thursday, March 22 , 2012
Redfield Auditorium - 12:00 Noon
Ms. Maya Yamato
Ph.D. Candidate, Joint Program in Biological Oceanography

Short-term disturbance and the health of individuals and populations: approaches to quantify the potential biological significance of anthropogenic disturbance on cetaceans
Thursday, December 22, 2011
Redfield Auditorium - 12:00 Noon
Dr. Patrick Miller, PhD
Sea Mammal Research Unit, Scottish Oceans Institute, University of St Andrews, Scotland