Marine Mammal Biology – SIO 133 Spring Quarter 2014
Lecture: MWF 9 - 9:50 am CSB 002

John A. Hildebrand (jhildebrand@ucsd.edu)
Office Hours Friday 10:30 - 11:30 am Ritter Hall 200E
Lisa T. Ballance (LBallance@ucsd.edu)
Office Hours Wednesday 10:30 - 11:30 and by appointment, 339 Southwest Fisheries Science Center Bldg
Ana Sirovic (asirovic@ucsd.edu)
Simone Baumann-Pickering (sbaumann@ucsd.edu)

Sections:
Monday 10-10:50 am HSS 1315 (note room change!)
Monday 11-11:50 am HSS 1315 (note room change!)
Monday 1-1:50 pm CENTR 217B

Teaching Assistants:
Kait Frasier <kefrasie@ucsd.edu>
Office Hours: Wednesday 10 am - 12 pm Galbraith Hall, room 364
Matt Leslie <mleslie@ucsd.edu>
Office Hours: Monday 2-4 pm Galbraith Hall, room 364


Helpful Files for the Term Paper
Term Paper Guidelines
Literature Search Guide
Term Paper Format

Grade:
30% Mid-Term; 30% Term Paper; 30% Final Exam; 10% Section Participation

Week 1
31 March - Introduction to Course (Ana Sirovic)  Read 1-24; Ocean Environment
2 April - Biogeography (Ana Sirovic)  Read 111-131
4 April - Climate Change (Ana Sirovic)  Read Climate change and Simmonds & Isaac: Impacts of climate change on marine mammals

Week 2
7 April - Marine Environment as a Selective Force for Secondary Marine Forms (LTB)
9 April - Cetacean Taxonomy and Classification (LTB)
11 April - Cetacean Taxonomy and Classification (LTB)

Week 3
14 April - Cetacean Systematics and Evolution (LTB)
16 April - Role of Marine Mammals in Ecosystems (LTB)
18 April - Role of Marine Mammals in Ecosystems (LTB)

Week 4
21 April – Pinniped and Sirenian Taxonomy and Evolution (JH)
23 April - Pinniped and Sirenian Taxonomy and Evolution (JH)
25 April – Pinniped and Sirenian Taxonomy and Evolution (JH)

Week 5
28 April - Sensory Systems (JH)
30 April - Impacts of Anthropogenic Sound (JH)
2 May – Sensory Systems (JH)

Week 6
5 May – MIDTERM
7 May - Anatomy (Simone Baumann-Pickering)
9 May - Locomotion (Simone Baumann-Pickering)

Week 7
12 May – Energetics and Thermoregulation (Simone Baumann-Pickering)
14 May - Diving Physiology (Simone Bauman-Pickering)
16 May - Health (Simone Baumann-Pickering) Health

Week 8
19 May - Odontocete Acoustics Biosonar (Simone Baumann-Pickering)
21 May –Mysticete Acoustics (Ana Sirovic)
23 May - Behavior and Social Systems (JH)

Week 9
26 May - HOLIDAY - Memorial Day
28 May - Behavior and Social Systems (JH)
30 May– Whaling: Past, Present, and Future (LTB)

Week 10
2 June - Bycatch (LTB)
4 June - Indirect Effects (LTB)
6 June - Legislation and Ecosystem-Based Approaches to Conservation (LTB)

Final Exam June 11, 8 - 11 am Location: TBD