Ocean Engineering

What will you be doing after you graduate?

Make sure it is something you want to do not what you have to do!!
Research and Education

Ocean Engineering

Naval Architecture

Underwater Technology

Coastal Engineering

Offshore Engineering

Materials

Instrumentation
History

1984 to 1990
Link Foundation
Conoco
Dow Corning

1990 to 1996
Premier Cruise Line
Living Seas, Disney World

1992 to Present
Office of Naval Research
Universities, Industries and Governments
Ocean Energy Systems

- Surface Waves
- Subsurface Waves
- Currents (Gulf Stream)
Wing Wave System Being Tested
Vehicles (AUVs ROVs)
Beaufort Sea
North Alaska

- Under ice surveys and near-shore impact monitoring of offshore oil and gas development and production areas
The Environment
AUV Tuvaaq
AUV - Glider
Bluefin AUV
Human and Fuel Cell Powered Submarines
Modular Amphibious Research Crawler
Ocean Cleanup
Fun Times

Flotation Technologies Inc.'s array top buoys - each containing an RD Instruments ADCP - await deployment from Woods Hole Oceanographic Institutions' R/V Oceanus. These deep water mooring buoys are headed for the Gulf Stream for a two year study.
Cruises
Submersible Dives
Job Market ???

Oil Industry
Navy – NAVSEA, NUSC …
NSA - FBI – CIA …
Search and recovery, marine hostile system detection, underwater acoustics, underwater drones …

- Underwater Salvage and Archaeology
- Ports and Harbor development
- Naval Architecture, shipping, cruise industry, marine anti-biofouling, marine composites …

- Starting Salary for a BS is typically over $70,000

Last year all of our senior undergrads had jobs by April, most had jobs by January before they graduated.
Always remember that it is the knowledge that you come away with not just the degree (piece of paper) that you have in your hand at graduation.
In OEMS, we strive to

Think Globally...

...and Act Locally
Senior Design Marine Field Projects

The Dry Tortugas