

Annual Report

2007-2008

Where We Are

	<u>2006</u>	<u>2007</u>	<u>2008</u>
Tenured Faculty - down	28	26	25 (+2 incl)
Refereed Pubs by Ranked Fac - up	77	70	103
Federal C & G Awards - down	\$14.6M	\$8.6M	\$5.9M
State & Local Gov't Awards - down	\$1.4 M	\$10.6M	\$1.6M
Private Funding - down	\$3.9M	\$1.6 M	\$1.1M

Faculty Scholarly Productivity Index is above the National mean and compares favorably with other USF programs.

Where We Are

	<u>2006</u>	<u>2007</u>	<u>2008</u>
Post Doc Fellows - up	24	28	32
Support Staff - down	294	293	203
Student ethnic diversity- increasing	24%	25.4%	25.8%
Student gender diversity- steady			
Male	32%	34%	36%
Female	68%	66%	64%

Where We Are

2006

2007

2008

Current Student Summary

111 Graduate Students



Student Awards

Two “Best Student Presentations”, Ocean Sciences Category, Fall AGU (American Geophysical Union)

- Digna Rueda-Roa, Characterication of a Secondary Upwelling in the Southeastern Caribbean
- Enrique Montes-Herrera, Coupling of Sinking Biogenic Particulate Fluxes and Primary Production in the Euphotic Zone of the Cariaco Basin, Venezuela

Three “Outstanding Student Poster Awards”, 2008 Ocean Sciences Meeting

- Digna Rueda-Roa, What Drives Unusual Upwelling Patterns in the Southeastern Caribbean Sea? Analysis of Local and Remote Sensing Data
- Jen Flannery, A 1400 Year Multi-Proxy Record of Hydrologic Variability in the Gulf of Mexico : Exploring Ocean-Continent Linkages During the Late Holocene
- Marianne Dietz, A Multiproxy Approach to Investigating Ecosystem Change in Response to the Development of Modern and Historic Low-Oxygen Conditions on the Louisiana Continental Shelf

Three “Distinguished Graduate Achievement Award”, USF GPSO

- Jennifer Dupont, Biological Oceanography, PhD Student
- "Terry" Fei Fan Ng, Biological Oceanography, PhD student
- Christine Cass, Biological Oceanography, PhD Student



Student Awards

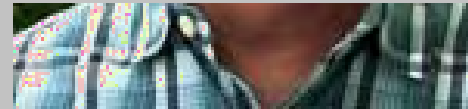
Fifteen - Fall 2007 Endowed Fellowships Awarded

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Faculty Recognition



Mya Breitbart- SLOAN



Robert Weisberg -
Distinguished
University Professor

Faculty/Student News

CMS Faculty member Dr. David Mann, and CMS doctoral student, James Locasio, featured in *The New York Times* - Science news article and National TV for research involving black drum mating calls.



Research Highlights

Hurricane / Storm Surge / Sea Level Rise

Acoustics/ Marine Mammals / Fisheries

Climate Change

- Ocean Acidification
- Sea Ice

Red Tide (CPR)



Virus Hunting: Discovery of Important Emerging Pathogens

Pulley Ridge Project & Gulf of Mexico Sediment Coring

Technology

Acoustics

Bottom Stationed Ocean Profiler (BSOP)

Coastal Ocean Monitoring System (COMPS)

Electron Microscope

High Frequency Radar

Multi-Parameter Inorganic Carbon Analyzer (MICA)

Physical Oceanographic Real Time System (PORTS)





Staff Recognition



Recent Activities

- **Workshop on Collaboration** held in late May with approximately 70 participants representing local, state, federal, and regional agencies/organizations interested in partnering with USF/CMS. Much ener

Challenges/Opportunities

- Federal Funding

SUNCOASTER

BELLOWS

Annual Report
2007-2008

Challenges/Opportunities

- **Scope/Funding for Community Education/Outreach** – Existing activities are popular and provide a service that reflects well on CMS. Again, the scope of the program and the value of the efforts to the community and CMS must be assessed. Innovation, funding, and community support are the challenges.
- **Fundraising** – Most alumni work for government or academic institutions and have little accumulated wealth. Focus has been on moderate donations from civic leaders. Challenge is to engage successful leadership level (\$1M or more) givers with an interest in marine science research/education.
- **Faculty productivity review** - A 5-year review of individual faculty's research/teaching/student enrollment productivity, including quality metrics related to scholarly pursuits and community engagement activities is underway. A reliable system for capturing qualitative information is the challenge.

2008-2009 Objectives

	<u>Target Date</u>
Complete Strategic Plan	Fall 2008
Involve all of CMS – Faculty, Students, Staff	
Establish AAU Goals and Next Steps	
Integrate Quality Metrics for Research	
Offer New Area of Concentration in Fisheries Assessment	Fall 2009
Collaboration with FWRI, NOAA/NMFS and USGS	Ongoing
Collaboration between Mote/USF Center of Excellence in Marine Science	Ongoing
Conduct USGS/NOAA/CMS Storm Surge Workshop	Fall 2008

2008-2009 Objectives

Develop Recruitment Plan (Dean, Faculty and Other)

Continue Diversity Initiatives

Rationalize Organizational Structure

Improve Alumni Relations

Obtain Significant Endowment(s)

Enhance Website

Create External Affairs Office (PR, Fundraising, Grants, Education/Outreach)

USF/COLLEGE OF MARINE SCIENCE (CMS) GOALS FOR 2006-2011

Selected Eligibility Measures for the Association of American Universities (AAU)

2005/2006 Results

Questions / Comments