

**DEAN WILLIAM T. HOGARTH ANNUAL REPORT FOR THE  
COLLEGE OF MARINE SCIENCE  
CALENDAR YEAR - JANUARY 1 THROUGH DECEMBER 31, 2008**

It is my pleasure to be serving as Dean of the USF College of Marine Science (CMS). The College is focused on interdisciplinary research in marine science at the graduate level. In 2008, our 22 ranked faculty members recorded more than \$21 million in research funding. We have four distinguished university/research professors, eight professors, eight associate professors and two assistant professors. In 2007, our faculty published in 103 peer reviewed publications and served on many national and international committees. We have 111 enrolled graduate students and 32 Post Doctoral Fellows. Our endowments of \$16 million promote 22 fellowships averaging from \$10,000 to \$22,000. The College is well positioned to contribute to USF's quest for AAU status.

With the vision of a unified global, natural system in mind, the College seeks to build new interdisciplinary research teams in collaboration with our local partners. As stewards of the oceans, it is our mission to fully engage the national and international scientific communities, through the reporting of research results in the most respected oral and written venues, and by professional service. We strive to define and realize a bright future with the emerging issues that affect the economic conditions of the Florida West Coast Shelf and we seek to address a myriad of relevant societal issues such as overfishing, coastal erosion, red tides, ocean noise, dying coral reefs, hurricane predictions, sea level rise, floods, ocean acidification, and drought to build better, more environmentally-sustainable and safe communities.

At the College of Marine Science, we are enthusiastic about our capabilities, students and research opportunities, and believe we can move forward with you on our team. Collaborations are the key.

**ANNUAL FELLOWSHIP AWARDS, SEPTEMBER 5<sup>TH</sup>**

Heather Broadbent	C.W. Bill Young Fellowship
Matthias Elliott	Peter R. Betzer Fellowship
Monica Mion	Von Rosenstiel Fellowship
Monica Mion	University Graduate Fellowship
Brienne Engel	Von Rosenstiel Fellowship
Brienne Engel	USF Presidential Fellow i

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**COLLEGE OF MARINE SCIENCE RESEARCH PRIORITIES AND COLLABORATION WORKSHOP, MAY 29TH**

Invited representatives to meet with the USF/CMS faculty, and other Federal, State, and local community partners on Thursday, May 29<sup>th</sup>. The purpose was to discuss the USF/College of Marine Science’s research plans and priorities for the future. The input was used to development a strategic plan that reflects a shared vision with partners to help shape CMS’s future efforts to become one of the top oceanographic institutions in the world. At the same time share plans and as to how we can work together to achieve mutual goals that may strengthen oceanographic research, student education, and community engagement in the Florida West Coast.

**COMPACT PLANNNG**

The University has determined that the Compact Planning Process is due by May 1, 2009. The following areas have been identified as areas for development of a 1-page action plan.

~~Strategic Plan Goal 1 and Strategies – Expand opportunities for interdisciplinary research~~ (98 421./MCID 60 1 202

Action Plans (Research):

1. Identify areas for new faculty hires. 8 identified in Goal Area Actions document;
2. Set a target increase in Federal and Other funds;
3. Establish a methodology to assess faculty research productivity;

**EMINENT SCHOLARS LECTURE SERIES, FEBRUARY 27<sup>TH</sup> AND 28<sup>TH</sup>**  
**THE INTERNATIONAL POLAR YEAR (IPY 2008)**

Dr. Robert Bindshadler, NASA Goddard Space Flight Center, "Some Like it Hot - But Not Ice Sheets". Chief Scientist of the Hydrospheric and Biospheric Sciences Laboratory of the National Aeronautics and Space Administration (NASA) Goddard Space Flight Center in Maryland.

Dr. Kate Moran, University of Rhode Island, "The Cenozoic Arctic Ocean revealed through drilling at the North Pole". Professor of Oceanography and Ocean Engineering at the University of Rhode Island.

Dr. John Farrell, Arctic Research Commission, "A dramatic year in the Arctic". Executive Director of the U.S. Arctic Research Commission (ARC) in Washington, D.C. The main goals of the ARC are (1) Environmental Change of the Arctic Ocean and Bering Sea, (b) Arctic Human Health, (c) Civil Infrastructure, (d) Natural Resource Assessment and Earth Science, and (e) Indigenous Language, Identity, and Culture. In particular, the ARC a key player in the debate about what countries own the Arctic Ocean and its sea-floor.

Dr. Dan Costa, Univ

FWC, and private donors. National interest in the Guardians of the Gulf has lent itself to be submitted to PBS and on-air schedules are presently being planned.

**MARINE RESOURCE ASSESSMENT PROGRAM**

Starting in fall 2009, CMS will be offering a new, interdisciplinary concentration in Marine Resource Assessment (MRA) as part of its Ph.D. and M.S. programs in marine science. This new program will provide training in the emerging field of ecosystem-based management. Its mission will be to train a new generation of scientists that can effectively address issues concerning the sustainability of the world's living natural resources.

A recent report to Congress documented a national shortage of graduates possessing the skills required to

living resources and anthropogenic- or climate-driven ecosystem dynamics. It is expected that students with this concentration will interact strongly with one or more of the State and Federal resource-management agencies that are co-located with CMS in St. Petersburg.

### **NEW FACULTY POSITIONS**

In 2008 four new faculty positions were established for the College of Marine Science as a result of excellent candidates five new faculty positions were hired.

Position Number 3215 Global-scale, Ocean-Atmosphere Interaction Modeler - global climate-related, ocean-atmosphere interaction modeler with a strong foundation in the Geophysical Fluid Dynamics and Thermodynamics of the coupled ocean-atmosphere system, and experience with large-scale, coupled ocean-atmosphere circulation models.

Candidates interviewed:

Dr. Susan Bates, November 11<sup>th</sup>

Dr. Marcus Jochum, November 20<sup>th</sup>

*Dr. Sang-ik Shin, December 11<sup>th</sup> Accepted position, start date August 7, 2009*

Dr Rong-hua Zhang, December 4<sup>th</sup> and 5<sup>th</sup>

Position Number 4431 Mesoscale, Ocean-Atmosphere Interaction Modeler - a mesoscale, ocean-atmosphere interaction modeler with a strong foundation in the Geophysical Fluid Dynamics and Thermodynamics of the coupled ocean-atmosphere system, and experience with mesoscale, coupled ocean-atmosphere numerical circulation models.

Candidates interviewed:

*Dr. Qingnon Xiao, September 22<sup>nd</sup> Accepted position, start date August 7, 2009*

Dr. Hyodae Seo, September 24<sup>th</sup> TJETBT/F3 12 Tf1 0 0 1 241.78 380.76 Tm 0 T009

Position Number 4061 Fish Ecologist Position - experience in establishing quantitative relationships between fish populations and ecosystem dynamics linked to natural and anthropogenic factors, ecosystem interactions with all life stages and trophodynamics, broad taxonomic expertise, strong data analysis skills, and an immediate capacity to establish an interdisciplinary research program that focuses on developing theoretical and field-based tools for ecosystem-based management.

Candidates interviewed (2009):-21(.)-9( )-9( )TJETBTh-21nETBT009

