

College of Marine Science 2016 Spring Assembly



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DEAN'S ADVISORY COUNCIL -DAC

- Primary interface between CMS members and the Dean
- DAC meets monthly during the fall and spring semesters
- Composition: Galperin (Chair), Domack, Hollander, Paul/Seibel, Chacin, Goddard, Patten, Trowbridge, Donnelly, Naar, Associate Dean Mitchum, Dean Dixon
- DAC reviewed the composition and activities of different CMS committees
- DAC and Chuanmin Hu have been discussing the IMSE guidelines
- Several committees were merged under CMS Standing Committees:
 - Curriculum: ← IMSE PCE
 - IT: ← Web
 - Safety: ← Small Boat Safety
 - Seminar: ← Faculty Seminar, Student Symposium, ESLS




ADMISSIONS COMMITTEE

Members:

David Naar, Chair and Geo rep; Chris Stallings, Bio Rep; Kristen Buck, Chem Rep; Don Chambers, Phys Rep; Monica Cook – Prospective Student Coordinator

Activities:

- Recruited at the Sloan, SACNAS, and AGU meetings
- Met in January review and recommend acceptances, and funding for Fall 2016 Applicants
- Coordinated with Recruitment Committee
- 11 out 12 recruited students will be arriving
- 9 more students will be arriving through a new GCOOS Fellowship & other various forms of grant, fellowship, or stipend funding.
- 3 students have switched to PhD program
- Total of 23 new admits to CMS
- Searching for ways to provide competitive offer packages



CURRICULUM COMMITTEE

Members:

Hu, Chuanmin (Chair)
Ainsworth, Cameron
Byrne, Robert
Chambers, Don
Gfatter, Christian (student)
Greely, Teresa
Hallock Muller, Pam
Kilborn, Joshua (student)
Muller-Karger, Frank
Naar, David
Sheehy, Brittany
Snyder, Susan (student)
Vadman, Kara (student)

Charge and activities:

CMS curriculum and related, including:

- Implementing guidelines for the Integrated Maine Science Exam and PhD Candidacy Exam
- Help select the IMSE Committee members, make recommendation of IMSE Committee to DAC
- Coordinate among disciplines to compile course offering schedule
- Monthly meetings (18 meetings in total as of 4/28/2016)



HONORS & AWARDS COMMITTEE

Members:

David Naar, Chair and Geo rep; Ernst Peebles, Bio Rep; Robert Byrne, Chem Rep; Don Chambers, Phys Rep; Jen Cannizzaro, Staff Rep; Mengqui Wang, Knight Rep; Benjamin Kurth, Knight Rep; Nora Douglas, MSAC Rep

Additional Members:

Gary Mitchum – Voting guru; Chris Stallings – Relevancy Assistance; Howard Rutherford - foundation and endowment guru; Brittany Sheehy - application processing; Teresa Greely – Educational Outreach

Activities:

- Met a dozen times to revise guidelines and make USF nominations
- Awarded 19 Endowed Fellowships, will launch a GCOOS Fellowship & Pyle Fellowship, started the Bernstein, Costello, & Sackett application process, and will award an Honorary Doctorate to **Dr. George Philander - gives Friday 3PM Seminar!**



ESLS COMMITTEE

Eminent Scholar Lecture Series

Co-Chairs: Kendra Daly and Eugene Domack

Linda Kelbaugh, Elisha Evangelisto, Ian Dow, Arin Hurd, Jay Novitzke, David & Sandra Hollander, Howard Rutherford

Presented by USF & USGS, supported by the Tampa Bay Times

SciCafe at the Dali Museum

Dates: April 7 – 8, 2016

Theme: Extreme Events in the Ocean System

Speakers:

Dr. Francisco Chavez, Monterey Bay Aquarium Research Institute

Dr. Ellen Thomas, Yale University

Dr. Bill Johns, University of Miami

Dr. Curtis Deutsch, University of Washington

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FACULTY SEMINAR COMMITTEE

Coordinator: Chuanmin Hu

Charge and activities:

- Coordinate and host faculty seminars on each first Friday of the semester (2013 – 2015) or every fall semester of the calendar year (2016)

Name	Spring2013	Fall2013	Spring2014	Fall2014	Spring2015	Fall2015
<u>Biological</u>						
Ainsworth, Cameron		1				1
Breitbart, Mya		1				1
Daly, Kendra		1				
Muller-Karger, Frank		1				1
Murawski, Steve	1				1	
Paul, John			1			
Peebles, Ernst			1			1
Seibel, Brad						
Stallings, Chris					1	
Walsh, John		1				
<u>Geological</u>						
Domack, Eugene				1		
Hine, Albert	1					
Hallock, Pamela	1			1		1
Naar, David		1				
Rosenheim, Brad				1		
Shevenell, Amelia	1			1		
<u>Chemical</u>						
Buck, Kristen			1			
Byrne, Robert					1	
Hollander, David					1	
<u>Physical</u>						
Chambers, Don		1			1	
Galperin, Boris		1		1		
Hu, Chuanmin			1			
Liang, Xinfeng						
Luther, Mark	1					
Mitchum, Gary	1				1	
Weisberg, Robert				1		

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SEMINAR COMMITTEE

- Members: Don Chambers (chair), Cam Ainsworth, Gary Mitchum
- During Fall 2015/Spring 2016, there were 25 weekly seminars supported by a grant from the USGS
 - Not including the yearly faculty seminar, eminent scholars lecture series, or a few special seminars given by visitors
- 18 hosted by CMS faculty/students/staff
- 7 hosted by USGS
- All seminars well attended
- Largest attendance for special seminar by Dr. Warren Washington from NCAR, who is a member of the National Academy of Engineering and a recipient of the National Medal of Science



IT COMMITTEE

- Members: Mark Luther (chair), Cam Ainsworth, Boris Galperin, David Naar, Brad Seibel, Frank Muller-Karger, Doug Myhre, Ian Dow, Jay Novitzke, Joe Donnelly, Jeff Donovan, Brock Murch, Gabriel Quiles Perez, Jim Patten
- Meets monthly
- Dan Majchrzak, Director of Research Computing and the College of Marine Science IT liaison, attends our meetings. Dan has been an awesome advocate for the college, giving advice on how to best get what we need. Dan is:
 - Available to discuss IT issues
 - Making purchasing easier for us & processes computer exemptions
 - Donating server nodes to CMS
 - Pushing for network speed increases
- New dark fiber 10Gbps network between USFSP & Tampa is up
- 10Gbps to KRC & MSL in the planning stage.



NON-TENURE-EARNING FACULTY REVIEW COMMITTEE

Members: Mark Luther (chair), Mya Breitbart, Bob Byrne, David Hollander, Chuanmin Hu, Frank Muller-Karger, John Walsh, Robert Weisberg, and non-voting members Jackie Dixon and Gary Mitchum

The Committee consists of all faculty who supervise Non-tenure-earning Faculty

The Committee seeks to standardize the review process for Non-tenure-earning Faculty to be consistent with the Tenure-earning/Tenured Faculty review process.

After each supervisor completes their reviews, the entire Committee considers all the reviews to ensure consistency among the reviews and to determine a consensus rating for each Non-tenure-earning Faculty member (13 total)

Reviews are then forwarded to the Dean

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AQUARIUM ROOM COMMITTEE

Members: Chris Stallings (chair), Joe Donnelly, Kara Wall, Larry Dishaw

The KRC Aquarium Room was at full capacity (or near it) all year; at least 5 projects

Number of publications generated:

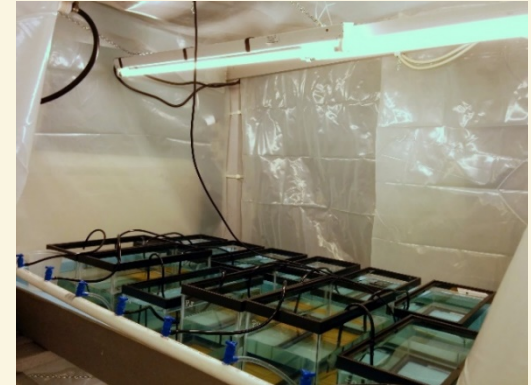
- 2 published
- 1 in review
- 5 in preparation

Number of proposals associated with Aquarium Room

- 5 submitted (2 funded, 2 pending, 1 not funded)
- Funding amount secured: \$845,000

Aquarium Room users:

- 4 PhD students
- 2 MS students
- 1 Postdoc
- 3 PIs



Developing a reservation page on the CMS internal webpage

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STUDENT RECRUITMENT COMMITTEE

Members: Chris Stallings (chair), Mya Breitbart, Gary Mitchum, David Naar, Ernst Peebles, Brittany Sheehy, Natalie Sawaya (first year student representative)

Recruitment Process involved 12 invited students (10 during event, 2 after)
Offers were made to all 12 recruits, of which 11 accepted (92%)



St. Pete Scientific Community Involvement: CMS students, staff and faculty, COT, FIO, FWRI, NOAA, USGS

Unsolicited feedback from recruits:

- “You guys have done an excellent job with this event”
- “Based on what I’ve seen and heard during this visit, I am very excited to come here for my PhD.”

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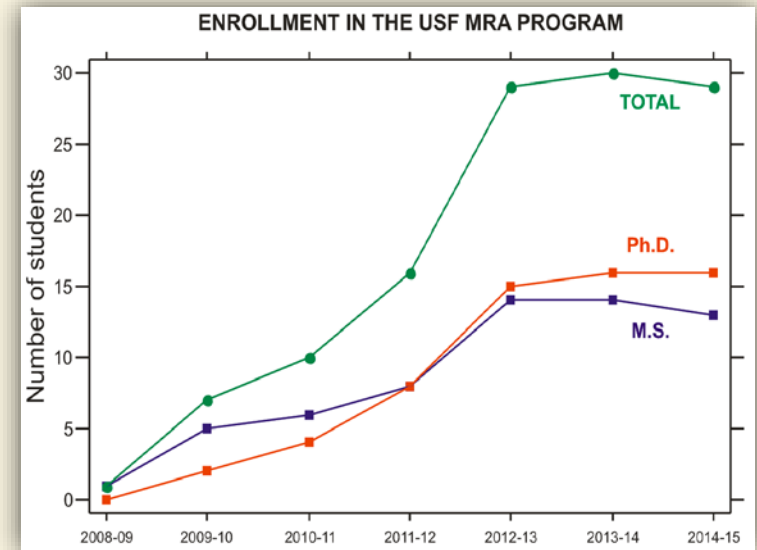
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MRA COMMITTEE

- Members: Ernst Peebles (chair), Cam Ainsworth, Kendra Daly, Chris Stallings, Steve Murawski
- MRA students currently represent >30% of the CMS student body
- 7 courses have been developed specifically for the MRA program
- Enrollment by professional fisheries scientists in MRA courses has exceeded expectations. Agency students have been associated with NOAA Fisheries labs at Beaufort (NC), Sandy Hook, Miami, Stamford (CT), Pascagoula, Galveston, Panama City, Woods Hole, and La Jolla, plus FWRI
- MRA graduates (n = 16) become employed in a related field (63%), pursue a doctoral degree (31%), or leave the field (6%)

MARINE RESOURCE ASSESSMENT



- Student enrollment is limited by the number of faculty who take on MRA students, and has leveled off in recent years
- NOAA's cumulative investment in the CMS MRA program surpassed the \$1 million mark during 2015

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SAFETY COMMITTEE

- Members: Tony Greco (Chair), Bob Byrne, Kristen Buck, David Naar, Guy Van Asten, Kelly Quinn Deister, Ethan Goddard, Joe Donnelly, Molly McLaughlin, Nora Douglas and Rob Walker
- Meet at least twice a year (Last meeting 2/5/16)
- **Results of the latest lab inspections** by EH&S in December showed the majority of **deficiencies** in the areas of **no lab safety training** by those in the lab, **lack of documentation** and **chemical storage violations**; very few accidents reported; overall a **good safety record**
- **Lab Safety Training** will be scheduled in September and include overall lab safety, hazardous waste storage, personal protective equipment and fire safety
- **New students** will attend lab safety training as **part of their orientation week** for the first time this fall
- **Online training** should be taken **once a year**

SMALL BOAT SAFETY COMMITTEE



USF CMS Research Diving and Boating Safety



Research Diving

- American Academy of Underwater Science (AAUS) research certification required.

Contacts:

CMS Diving and Small Boat Operations contact: Jay Law (jlaw@mail.usf.edu)

USF Office of Diving Safety and Research Compliance: Ben Meister (bmeister@usf.edu)

If you will be diving or operating a small boat, start the certification process early!

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USF Small Boat Operations

- **Operators** of motorized vessels must complete the USF Motorboat Operator Certification Course (MOCC)



SPACE COMMITTEE

Members: Kendra Daly (Chair), Joe Donnelly, Amelia Shevenell, Don Chambers, Doug Myhre, need new student representative

Committee goal: Assess and make recommendations to Dean on office and lab space requirements for faculty, staff, and students to meet CMS mission

Formal meetings: September 16, 2015; typically meet 1-2 times per year as needed; Kendra Daly and Joe Donnelly meet frequently

Recent topics & achievements:

Office and lab space for new faculty and research faculty hires

Office space provided for all new graduate students, post-docs, and visiting scientists

Currently, no outstanding space planning issues

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WEBSITE COMMITTEE

In F.Y. 2015-2016, Web Committee Members:

1. Jay Novitzke
2. Brad Rosenheim (Chair)
3. Kristen Buck
4. Amelia Shevenell
5. Doug Myhre
6. David Naar

The web committee accomplished the following over the past year:

1. Implementation of student vignettes to introduce student research
2. Scouring the newly designed website for redundancies and eliminating
3. Faculty spotlight
4. Vessel tracker to deliver real-time data
5. CMS news rotation – more frequent updates (in progress)
6. Implementation of a student directory (in progress)
7. Facilities pages update (in progress)

Graduate Student Symposium

January 15, 2016

Committee Chair: Mya Breitbart

Student Planning Committee: Chelsea Bonnain, Kristina Deak, Jennifer Granneman,
Jessica Makowski, Dana Nieuwkerk

Judges: Mya Breitbart, Jennifer Bonin, Greg Ellis, Pam Hallock-Muller, David Naar,
Ernst Peebles

**27 outstanding
student oral
presentations!**



1st place: **Jennifer Granneman**

Three way tie for 2nd place:

Lexi Creasy

Theresa King

Dana Nieuwkerk

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STRATEGIC PLAN

The 2016-2021 Strategic Plan

College of Marine Science at the University of South Florida



Locally Applied • Regionally Relevant • Globally Significant

The College of Marine Science seeks to increase and apply fundamental knowledge of global ocean systems and human-ocean interactions through research, graduate education and community engagement.



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CHEMICAL OCEANOGRAPHER

- Position: Tenure-Track Chemical Oceanographer
- 9-month / 1.0 FTE
- Committee: 12 members, incl. 9 CMS faculty, 1 CMS student, 1 Research Faculty, 1 external (USGS);
Chair: R. Byrne
- Total Number of Applicants: 54
- Applicants Interviewed: 5 (between March 28 – April 25, 2016)
- All meetings were open

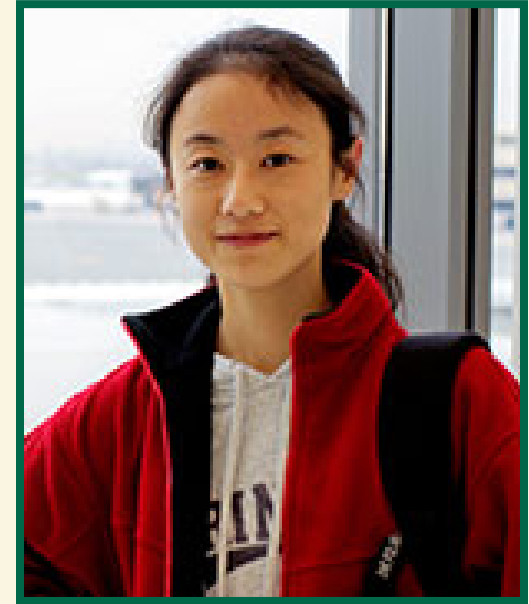
WELCOME!



Brad Seibel
Professor
Biological Oceanographer



Xinfeng Liang
Assistant Professor
Physical Oceanographer



Yun Li
Assistant Research Professor
Biological Oceanographer

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TENURE & PROMOTION 2016

Congratulations!*

Mya Breitbart – Professor

David Hollander – Professor

Ernst Peebles – Tenure

Brad Rosenheim – Tenure & Associate Professor

*pending final Board of Trustees approval

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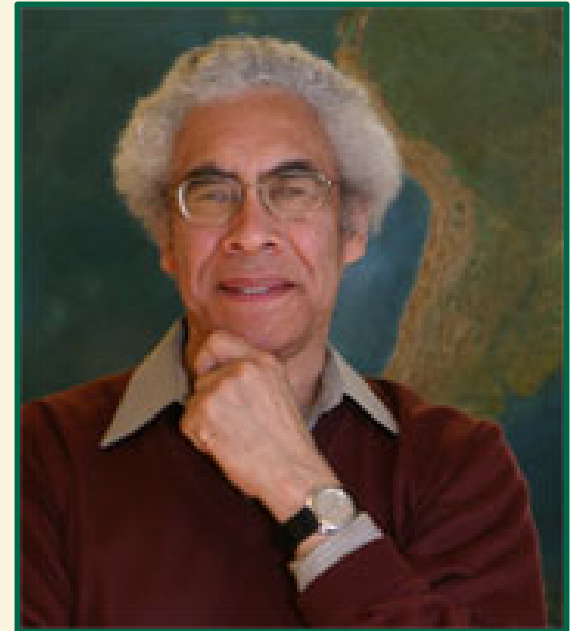
HONORARY DOCTOR OF MARINE SCIENCE

Dr. Samuel George Philander
Knox Taylor Professor of Geosciences
Princeton University

Friday, May 6, MSL Conference Room

2:00 pm Book Signing
“Our Affair with El Nino”

3:00 pm Seminar
“The Hedgehog and the Fox: A Nelson Mandela perspective on
GLOBAL WARMING”



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MSAC OFFICERS 2016-17

President – Kara Wall

Vice President – Alex Illich

Treasurer – Jeremy Browning

Social Chair – Jon Sharp

Social Co-Chair – Makenna Martin

Outreach Coordinator – Kate Dubickas

Outreach Coordinator – Julie Vecchio

SUCCESS!: CMS STUDENTS

MS Theses

William Abbott
Emily Chancellor
Michelle Guitard
Brock Houston
Sheri Huelster
Richard Knudsen
Stephanie Lawler
Kaitlyn Lizza
Juan Millan-Otoya
Ashley Yunker Parks
Amanda Reinert

2015 - 2016

PhD Dissertations

Esa-Matti Tastula
Orian Tzadik
Katherine Wirt
Bo Yang

STUDENT RECOGNITION

Ileana Freytes Ortiz

- USGS Northwest Climate Science Center, McCall Outdoor Science School Fellowship in Science Communication



STUDENT RECOGNITION

Imogen Browne

- New Zealand Fulbright Science & Innovation Graduate Award



STUDENT RECOGNITION

Marcy Cockrell

- Guy Harvey Scholarship



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STUDENT RECOGNITION

Lindsey Dornberger

- 2015 Best student presentation, GOMRI Conference
- 2015 NSF Graduate Research Fellowship (Honorable Mention)



STUDENT RECOGNITION

Devon Firesinger

- National Ocean Sciences Accelerator Mass Spectrometer, WHOI Research Internship



STUDENT RECOGNITION

Michelle Guitard

- NSF ANT Division of Polar Programs Travel Award for SCAR Antarctic Earth Science Conference in Goa
- Research activity photograph highlighted in the March 2016 special issue of *Oceanography*



STUDENT RECOGNITION

Catherine Smith

- “Best Student Paper Award” by the American Association of Stratigraphic Palynologists



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STUDENT RECOGNITION

Robert Hardy

- 2015 USF Outstanding Thesis Award



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STUDENT RECOGNITION

Abdiel Laureano-Rosario

- NASA Earth and Space Science Fellowship (NESSF)



STUDENT RECOGNITION

Cristina Subt

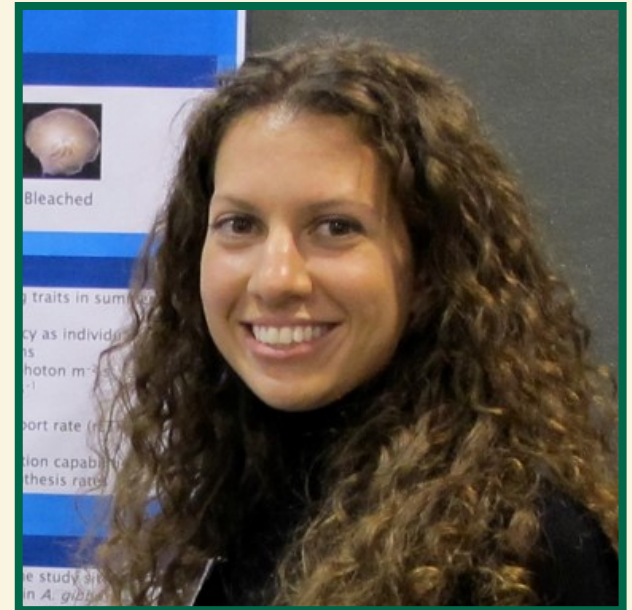
- Published her first First-Authored paper in *The Holocene* on Antarctic deglacial sediments



STUDENT RECOGNITION

Natasha Mendez-ferrer

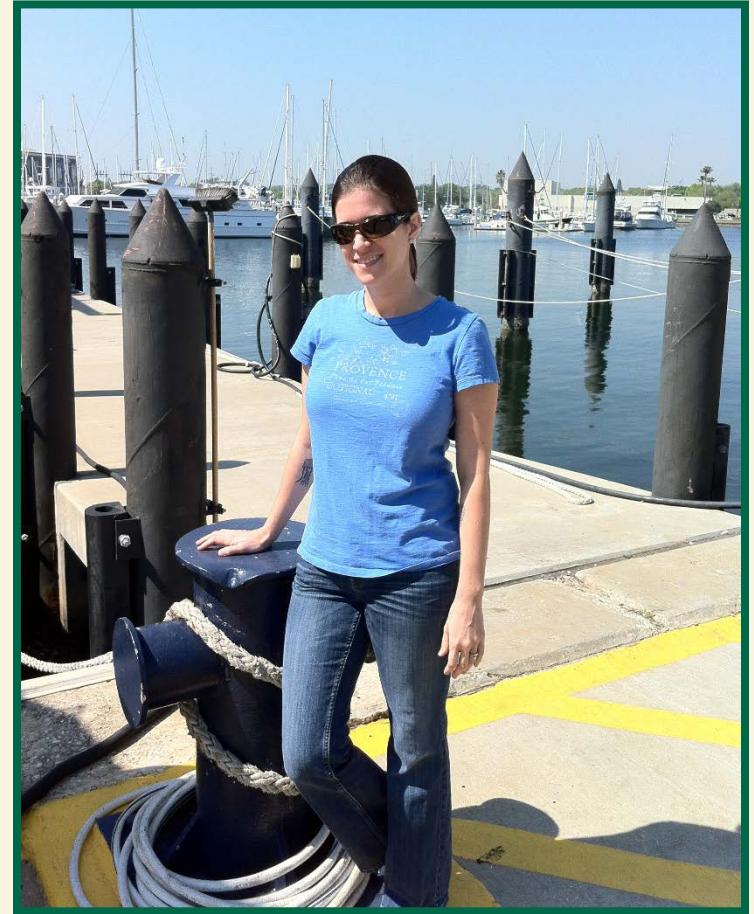
- Dissertation Completion Fellowship from the Office of Graduate Studies at USF



STUDENT RECOGNITION

Michelle Masi

- Fish Florida Scholarship



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STUDENT RECOGNITION

Amanda Reinert

- Follow-On SMART Fellowship



STUDENT RECOGNITION

Elizabeth Simpson

- Marine Resource Assessment Fellowship



STUDENT RECOGNITION

Jonathan Sharp

- NSF 2016 Graduate Research Fellowship



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STUDENT RECOGNITION

Kelly Vasbinder

- 2015 Presidential Doctoral Fellowship



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STUDENT RECOGNITION

Kara Vadman

- 2015 SEPM Gary Jones & Brian O'Neill Memorial Grants for NAMS Student Research
- NSF 2016 Graduate Research Fellowship
- Research activity photograph highlighted in the March 2016 special issue of *Oceanography*



STUDENT RECOGNITION

Amanda Sosnowski

- NSF 2016 Graduate Research Fellowship Honorable Mention



STUDENT RECOGNITION

Julie Vecchio

- Roche/ARCS Scholarship



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FACULTY RECOGNITION

Cameron Ainsworth

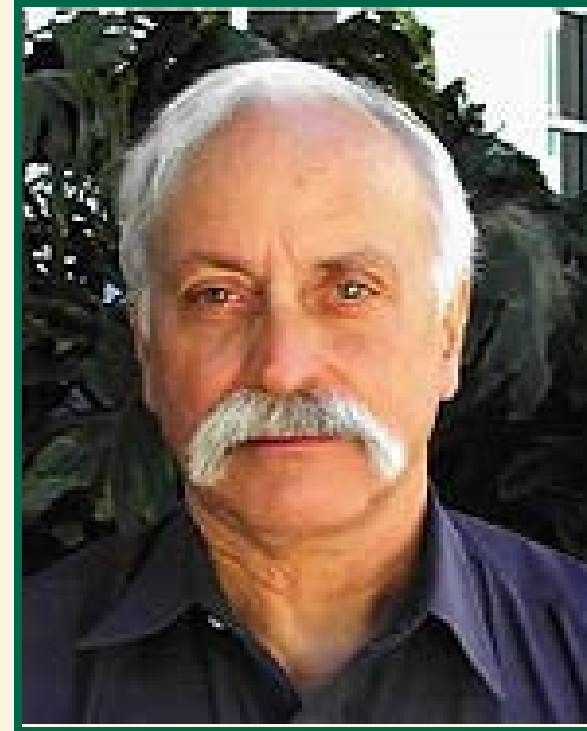
- 2015 Rosenstiel Award,
University of Miami
(Nominated, in review)



FACULTY RECOGNITION

Robert Byrne

- Excellence in Review Award by Environmental Science and Technology in 2015



FACULTY RECOGNITION

Jacqueline E. Dixon

- Received an award from the American Association for the Advancement of Science (AAAS) for her distinguished contributions to the fields of marine science and geology.



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FACULTY RECOGNITION

Kendra Daly

- Received an award from the American Association for the Advancement of Science (AAAS) for advancing in the knowledge of Antarctic marine food webs and ecosystem dynamics in ice covered seas.



FACULTY RECOGNITION

Pamela Hallock Muller

- 2015 Joseph A. Cushman Award for Excellence in Foraminiferal Research



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FACULTY RECOGNITION

Steve Murawski

- Received an award from the American Association for the Advancement of Science (AAAS) for theoretical and empirical contributions to understanding the dynamics of exploited ecosystems.



2015 LENGTH OF SERVICE AWARDS

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5 YEARS OF SERVICE



Jennifer Bonin
Physical Oceanographer



Laura Lorenzoni
Research Associate



Brittany Sheehy
Academic Affairs Administrator

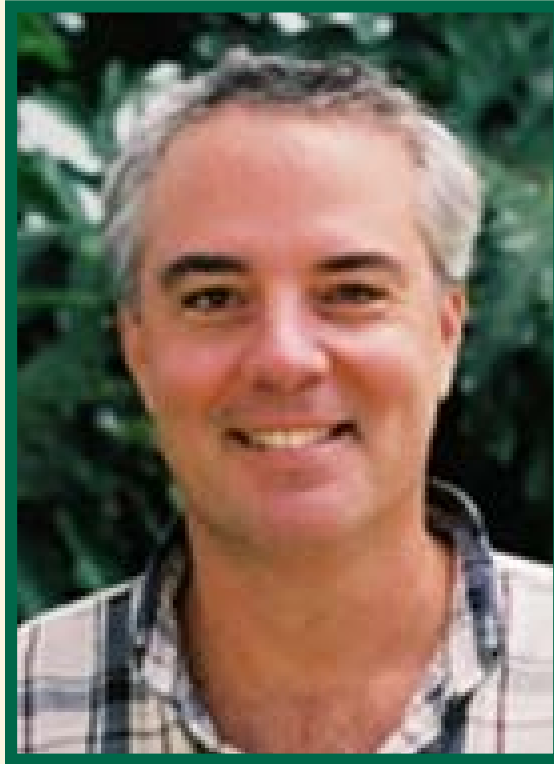
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10 YEARS OF SERVICE



Ernst Peebles
Associate Professor

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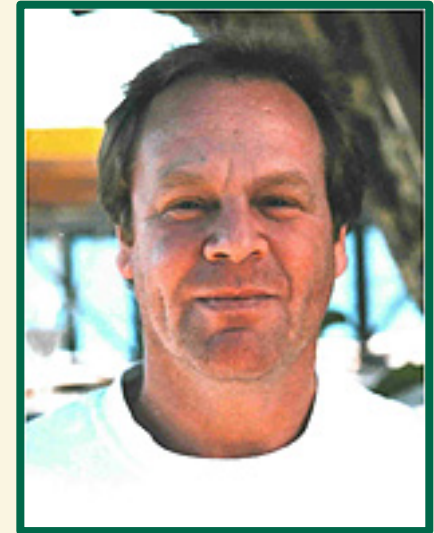
15 YEARS OF SERVICE



Kendra Daly
Associate Professor



Guy Grant
Research Machinist



David Hollander
Associate Professor

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15 YEARS OF SERVICE



Xuewu "Sherwood" Liu
Scientific Researcher



Betty Rahn
Fiscal & Business
Specialist



Anita Thompson
Unit Research Administrator

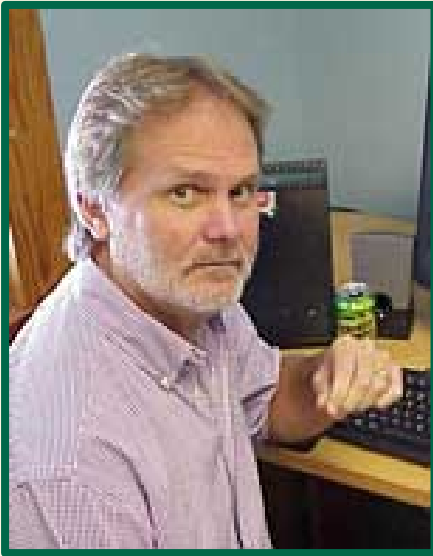
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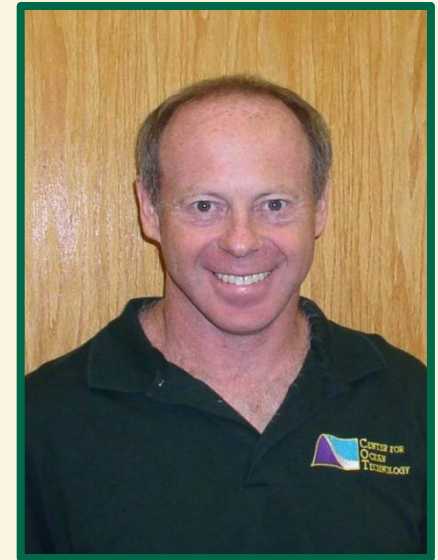
20 YEARS OF SERVICE



Gary Mitchum
Associate Dean, Professor



Jim Mulhollan
Senior Research Machinist



Randy Russell
Senior Research Engineer

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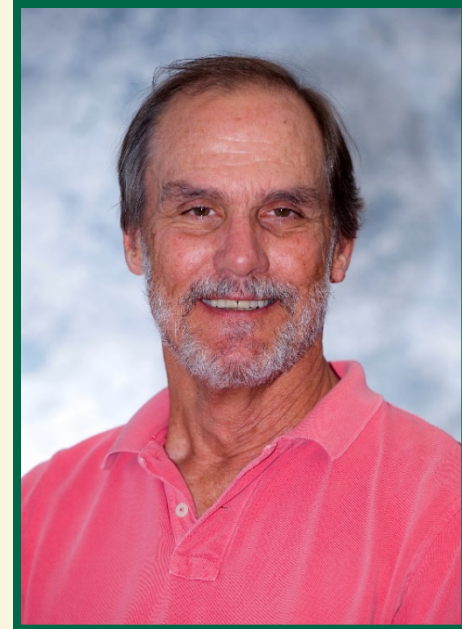
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25 YEARS OF SERVICE



Bob Chen
Associate in Research



Stan Locker
Research Associate

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25 YEARS OF SERVICE



Mark Luther
Associate Professor



David Naar
Associate Professor

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35 YEARS OF SERVICE



Tony Greco
Electron Microscope Manager

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We made it another year!

Spring Fling

Friday, May 6th

5 pm

MSL Front Lawn



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Questions & Comments...

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