



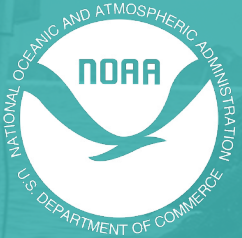
Welcome to

Florida Sea Grant's Federal Site Review

PLEASE

- 🗣️ Turn off your camera unless you are speaking
- 🗣️ Mute your microphone unless you are speaking
 - 🗣️ Enter questions for presenters in the Q&A
 - 🗣️ Use the Chat if you have technical issues
 - 🗣️ We will start promptly at 1:00 p.m. (ET)





FLORIDA SEA GRANT

FEDERAL SITE REVIEW VISIT

***April 21 – 24, 2025
Gainesville, FL***

FL 0280 NH



MONDAY, APRIL 21

Introductory Session

1:00 – 1:40 PM ET



FLORIDA SEA GRANT BRIEFING BOOK: FY2018-2023 SITE REVIEW

Connecting Florida's History, People & Places Through Coastal Science, Extension & Education

*Federal Site Review Visit
April 21-24, 2025*



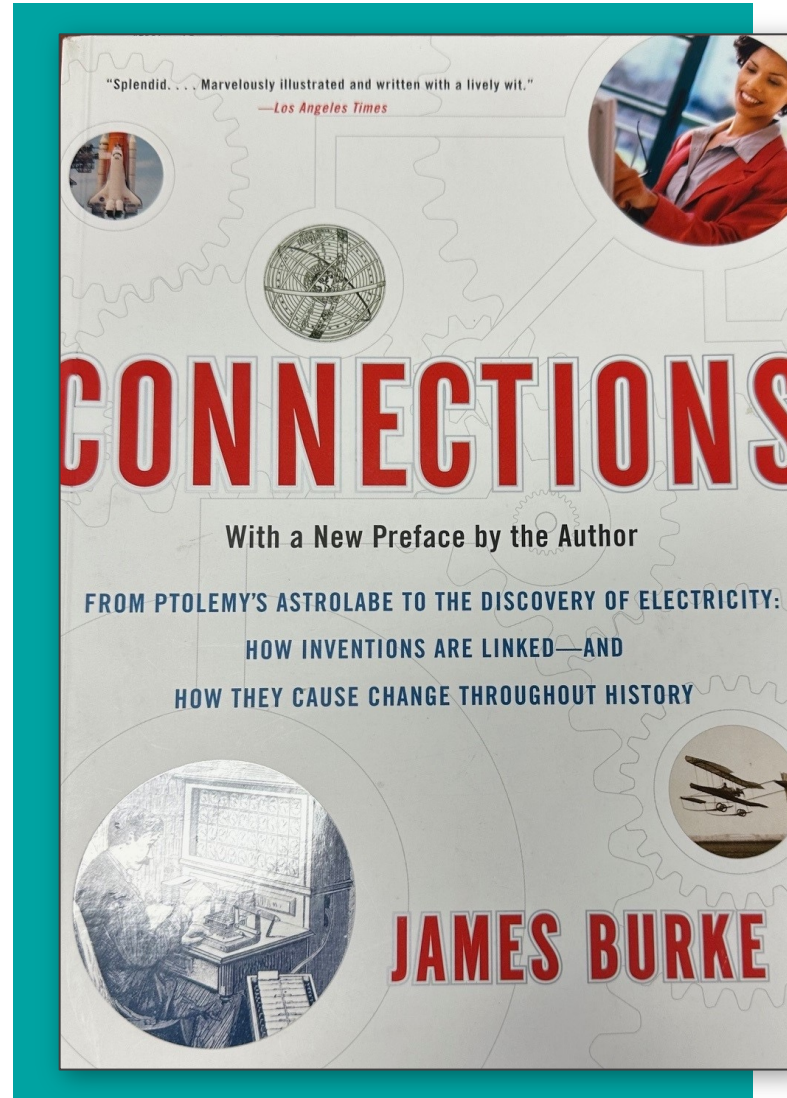


Program Review Theme

WELCOME

1:00–1:10 PM

Sherry Larkin



Who We Are

LEADERSHIP

**2018–2023
Period**

Sherry Larkin



Dr. Sherry Larkin,
Director



Dr. Maia McGuire,
Extension & Education



Dr. Charles Sidman,
Research



Rod Venegas,
Fiscal Operations

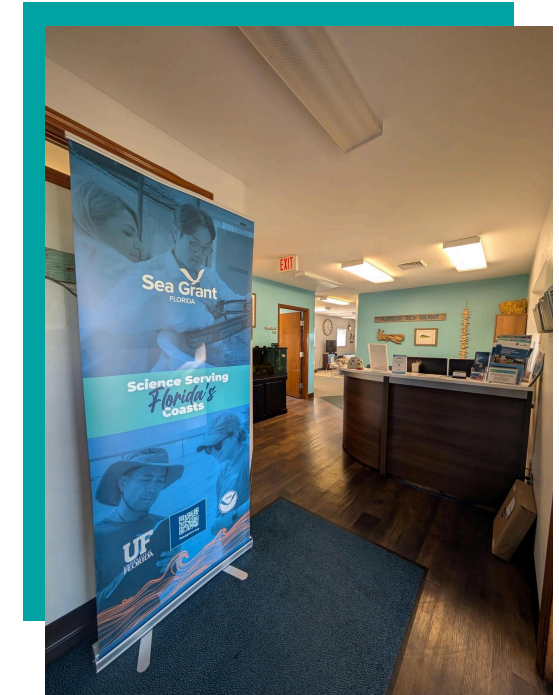


Donielle Nardi,
Communications



Cassie Sexson,
Students

New space →





SRT PURPOSE

1:10–1:20 PM

Kelly Samek

2018-2023 Site Review

April 21, 2025




Sea Grant

Photo: Florida Sea Grant





Why Site Review Visits?

- In-person, on-site comprehensive review of the program provides an opportunity for:
 - Federal Program Officers (FPOs), members of the NSGAB, and other reviewers to meet with the Sea Grant program management, advisory board members, stakeholders, and university officials.
 - Looking at the integrated impact of each Sea Grant program towards its strategic plan.
- To meet statutory and regulatory requirements.
- Ensure the greatest benefit for federal and state investment.
- Support continued improvement and impact of Sea Grant activities.



Site Review Team

Kelly Samek, J.D. (Chair) NOAA National Sea Grant Office	Deborah Stirling, J.D. (Co-Chair) National Sea Grant Advisory Board
Christopher Winslow, Ph.D. Ohio Sea Grant	Abigail Furnish NOAA National Marine Fisheries Service
David E. Guggenheim, Ph.D. Johns Hopkins University	Nicholas J. Schroeck, J.D. University of Detroit Mercy



Site Review Criteria

- Two components:
 - Standards of Excellence preliminary determination
 - Performance Ratings preliminary determination



Determination of Standards of Excellence

- *Standards of Excellence:*
 - Program Management and Organization
 - Organization, Program Team Approach, and Support
 - Stakeholder Engagement
 - Relevance, Extension/Advisory Services, and Education and Training
 - Collaborative Network Activities
 - Relationships and Coordination
 - Performance
 - Leadership and Productivity





Determination of Performance Rating Score

- Determination of merit funding by evaluation of program's progress towards its own strategic plan by the national focus areas:



Healthy
Coastal
Ecosystems



Resilient
Communities &
Economies



Sustainable
Fisheries &
Aquaculture



Environmental
Literacy &
Workforce
Development



Site Visit Report

- The Site Visit Report will contain information on:
 - Preliminary finding if program meets the *Standards of Excellence*
 - Preliminary numerical ratings based on performance
 - The team's findings, recommendations, and suggestions
 - May also include any 'best management practices' identified during the visit



Thank you.

Dr. Jane Southworth,
Chair, Department of Geography,
University of Florida





Presentation Overview:

- 01 | Florida in Focus: Laying the Groundwork for Sea Grant Impact
- 02 | Goal: Set the scene for understanding Florida Sea Grant's vital work
- 03 | Takeaway: Florida's complexity shapes coastal science, resilience, and policy





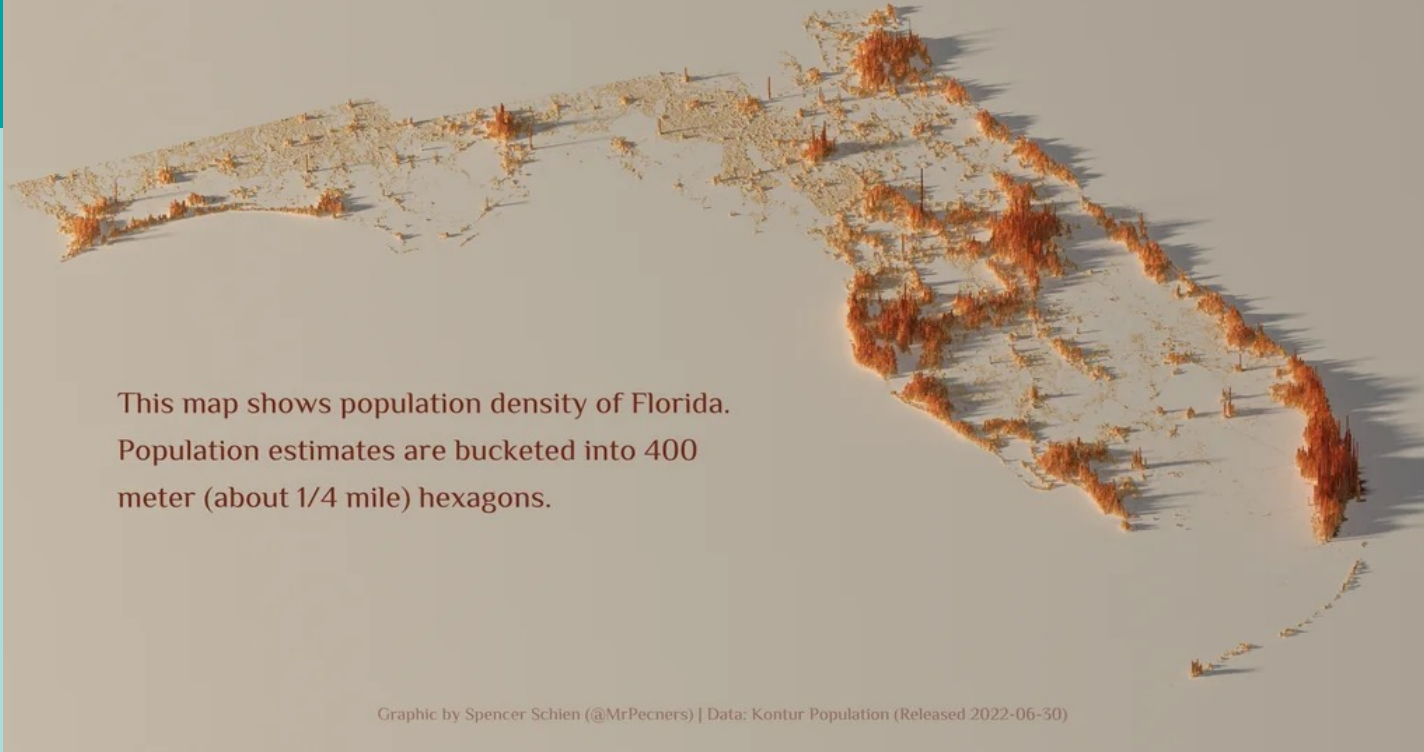
True or False?

Fun Florida Facts

1. Florida has the second-longest coastline in the U.S. – **True or False?**
2. Florida is the thunderstorm and lightning capital of the U.S. - **True or False?**
3. Over 16 million people live in Florida's coastal areas - **True or False?**
4. Sea level rise already causes 'sunny day' flooding - **True or False?**
5. Coastal tourism dominates Florida's economy - **True or False?**



Florida Population Density



This map shows population density of Florida. Population estimates are bucketed into 400 meter (about 1/4 mile) hexagons.

Graphic by Spencer Schien (@MrPecners) | Data: Kontur Population (Released 2022-06-30)

A State Like No Other

- 8,436 miles of shoreline – second only to Alaska
- 74% of Florida's population lives in coastal counties
 - Highly urbanized coastlines & fragile ecosystems
- Rising threats from storms, Harmful Algal Blooms (HABs), and sea level rise



- Nearly 50 years of research, education, and outreach
- Hosted at UF with university and research institution, industry and community partners across Florida
- Mission: Enhance coastal resilience and opportunities
- UF/IFAS Florida Sea Grant (FSG) Extension agents located in coastal counties around the state

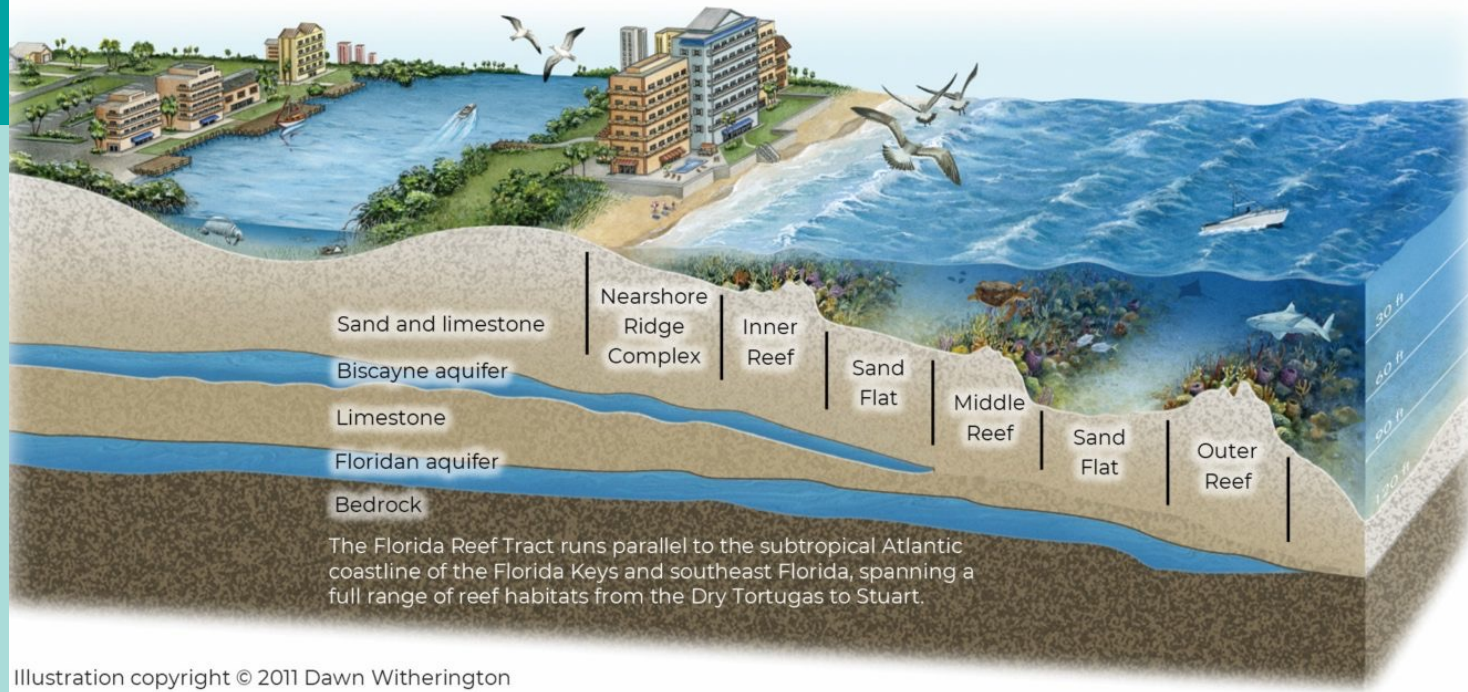


Illustration copyright © 2011 Dawn Witherington

Florida's Geographic & Geomorphic Complexity

- Barrier islands, shallow estuaries, coral reefs
- Dynamic sand-based coastlines & mangrove forests
- Peninsula effect and sub/tropical climate patterns
- Ecological diversity and coastal vulnerability



Florida's Demographic Complexity

- High-growth coastal migration and urbanization
 - Tourism as a year-round economic engine
- Thousands of miles of residential canals (e.g., Cape Coral)
 - Public perception challenged by shifting baselines



Which Global Challenges Are Florida Challenges Too?

- A. Coral disease
- B. Red tide and harmful algal blooms
- C. Coastal erosion and sunny day flooding
- D. Invasive species and tropicalization
- E. Seagrass die-offs and manatee mortality



Which Global Challenges Are Florida Challenges Too?

- A. Coral disease
- B. Red tide and harmful algal blooms
- C. Coastal erosion and sunny day flooding
- D. Invasive species and tropicalization
- E. Seagrass die-offs and manatee mortality

✓ **Answer: All of the above**



Larger Forces Shaping the Coast

- Extreme heat in air and water driving coral loss
 - Storm frequency and intensity increasing
- Sea level rise → tidal flooding and urban impacts
- Nutrient runoff → HABs and ecosystem collapse



- Cumulative environmental pressures compound risk
- Ecological and economic systems are intertwined
- Local resilience varies by geography and governance



Florida Sea Grant Focus Areas

1. Sustainable Fisheries and Aquaculture
2. Healthy Coastal Environments
3. Resilient Communities and Economies
4. Environmental Literacy and Workforce Development



From Science to Solutions

- Extension-led programs on HABs, coral disease, aquaculture
 - Green infrastructure: Plastic-Free Oyster Shorelines (PROS)
 - Training programs: oyster harvesters, marine contractors
- Citizen science & internships for tomorrow's coastal leaders



- Campus coordinators connect science to communities
- Sea Grant integrates local knowledge & statewide expertise
- UF/IFAS support strengthens research-to-practice links



A State Like No Other

Why Understanding Florida's Complexity Matters

- Florida is ecologically rich and highly vulnerable
- Sea Grant addresses these challenges head-on
- Interdisciplinary collaboration is key to resilience



James Burke: “change comes most from the unvisited no-man’s land between the disciplines”

- ✓ Sea Grant thrives at this intersection
- ✓ This review explores those connections further

1:40 – 2:00 PM

BREAK

A video will play 30 seconds before we return from break.



ORGANIZATION

2:00–3:20 PM

Sherry Larkin

Monday, April 21

Program Management and Organization

(Organization, Programmed Team Approach, Support)

2:00 – 3:20 PM ET



ORGANIZATION
FUNCTIONS

Sherry Larkin

Organization (Function)

Must have created the management organization to carry on a viable and productive Sea Grant program and must have the backing of its administration at a sufficiently high level to fulfill its multidisciplinary and multifaceted mandate (*Site Review Visit Guidance*, p. 11).

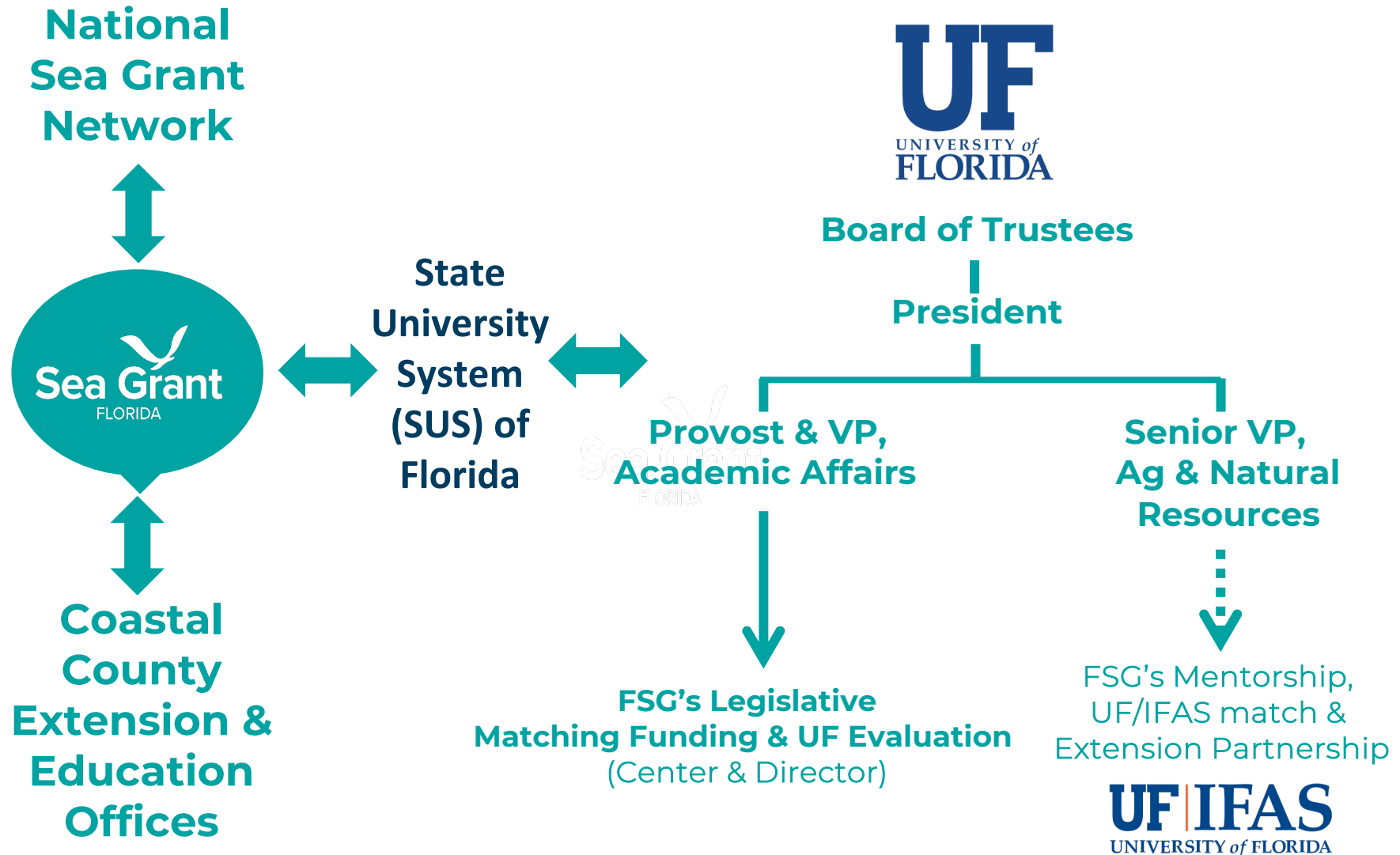


Organization

FY2018-2023

HIGHER-LEVEL CONNECTIONS

Sherry Larkin





Only 1 Recommendation:

The SRT discussed with the University leadership the success that Sea Grant has had reporting directly to the **Provost** and Senior Vice President for Academic Affairs and the **Senior Vice President** for Agriculture and Natural Resources and the team would like to see that continue. Being one of only a few statewide centers helps the University maintain its preeminence. The current structure is ideal for serving the University of Florida mission while tapping into the expertise of the rest of the Statewide University System.

Conclusion: Maintain status quo.

Organization

(01/01/25)

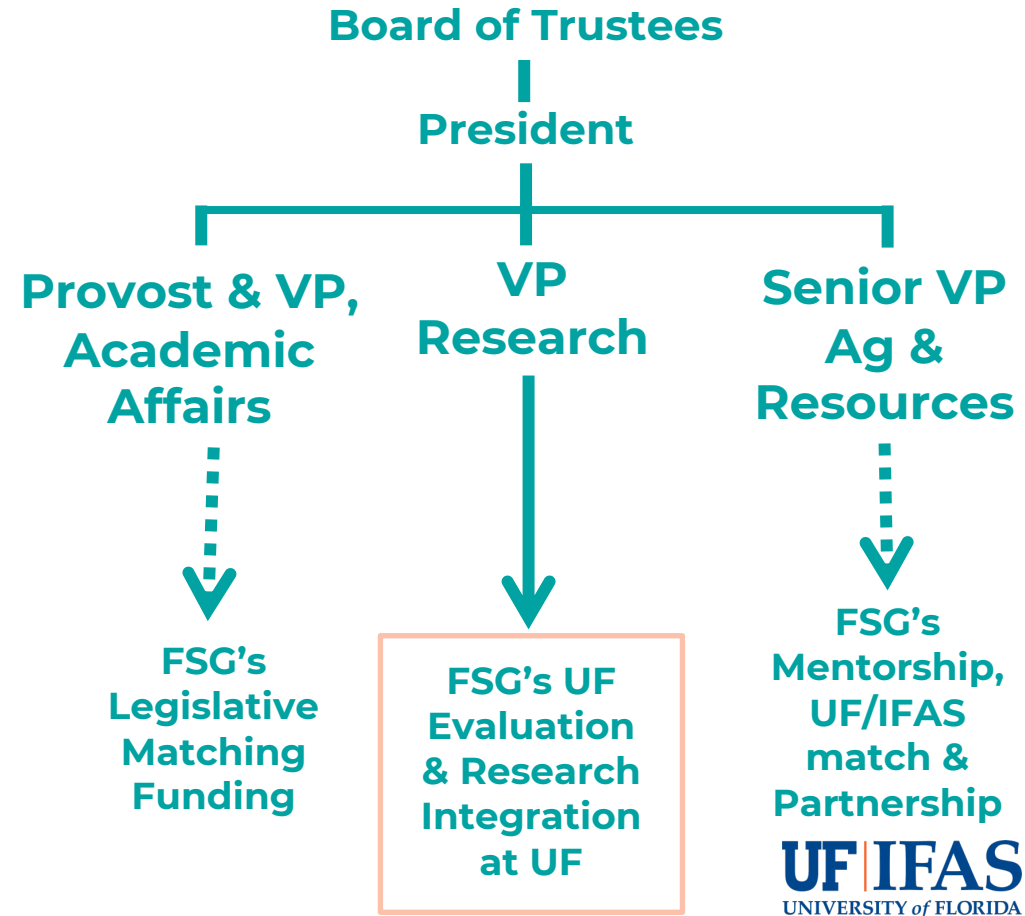


ADDRESSING
RECOMMENDATIONS

Sherry Larkin

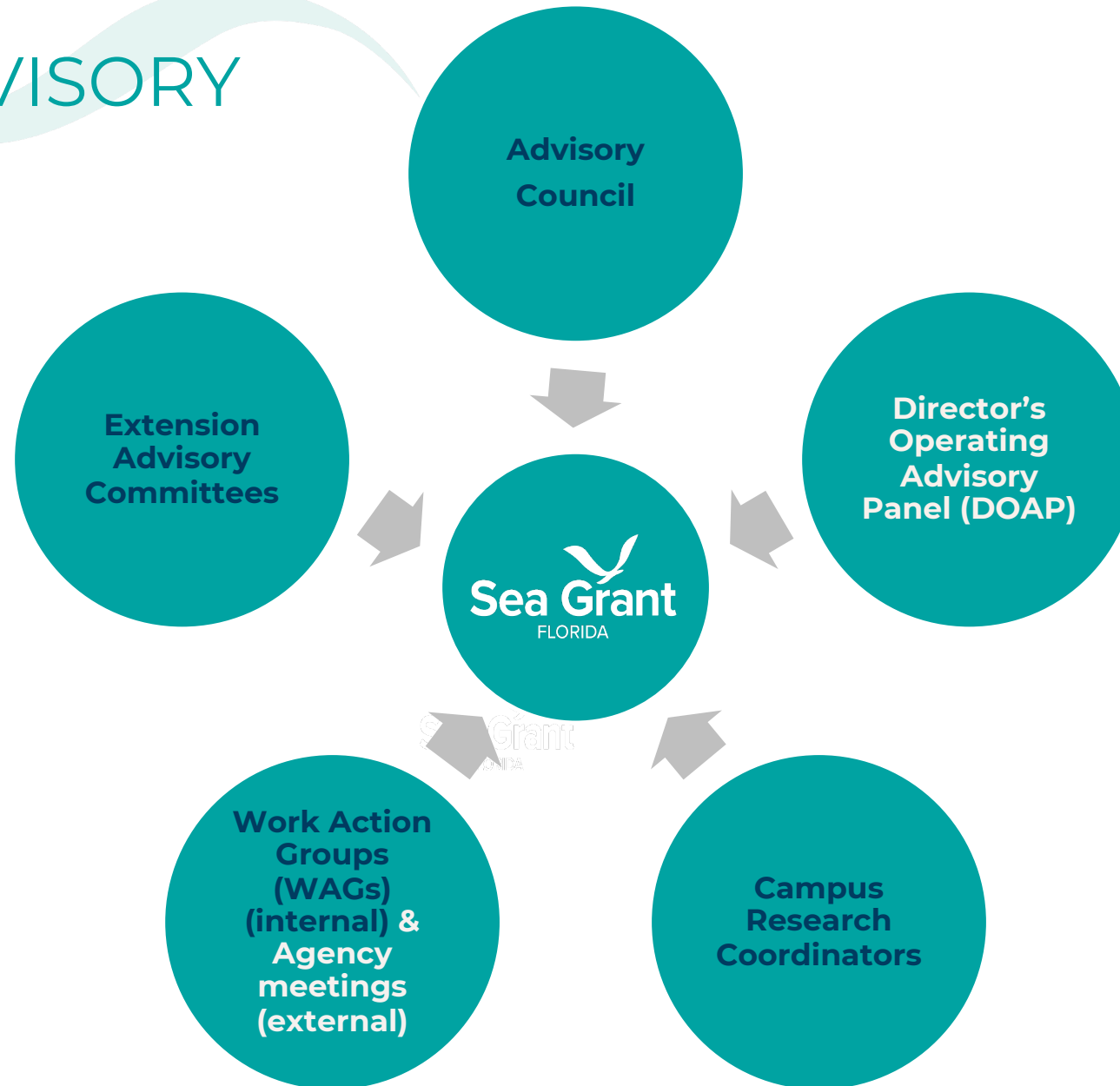


- 🗨 **National** Sea Grant Network
- 🗨 Florida's Researchers, Stakeholders, and Partners
- 🗨 **Local** (i.e., County) Cooperative Extension





ADVISORY



ADVISORY SERVICE
ADDITIONS

Sherry Larkin

Briefing Book (pg. 5-7)



FY14-17 SRT PMO Suggestion:

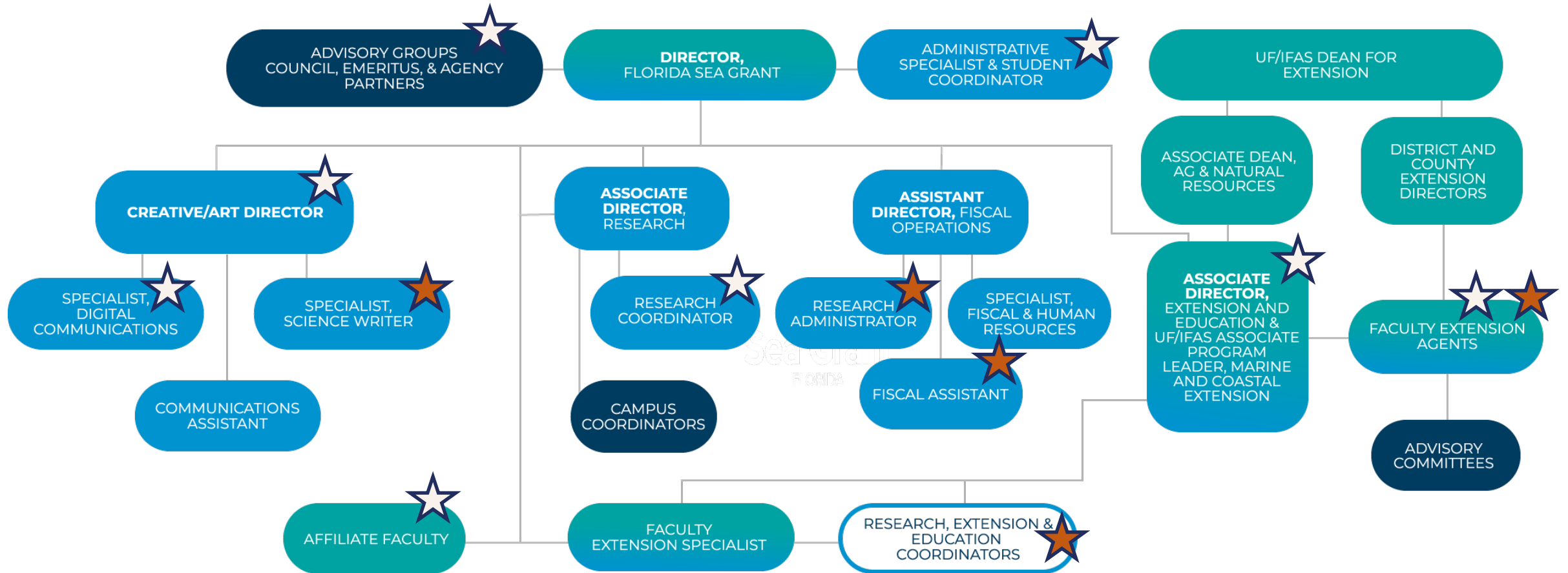
Examine the composition of the **Advisory Council** to ensure balanced input from a diverse set of stakeholders with perspectives and expertise relevant to all FLSG Focus Areas, and core FLSG functional areas (research, extension, education, and communications).

Response:

- 1 | commissioned survey
- 2 | expanded advisory input
- 3 | changed size, composition and structure with a transition plan



Florida Sea Grant Organizational Chart



FSG CORE STAFF



EXTERNAL ADVISORS/PARTNERS



UF/IFAS



SHARED POSITIONS



EXTERNALLY FUNDED



FY14-17 SRT PMO Suggestion:

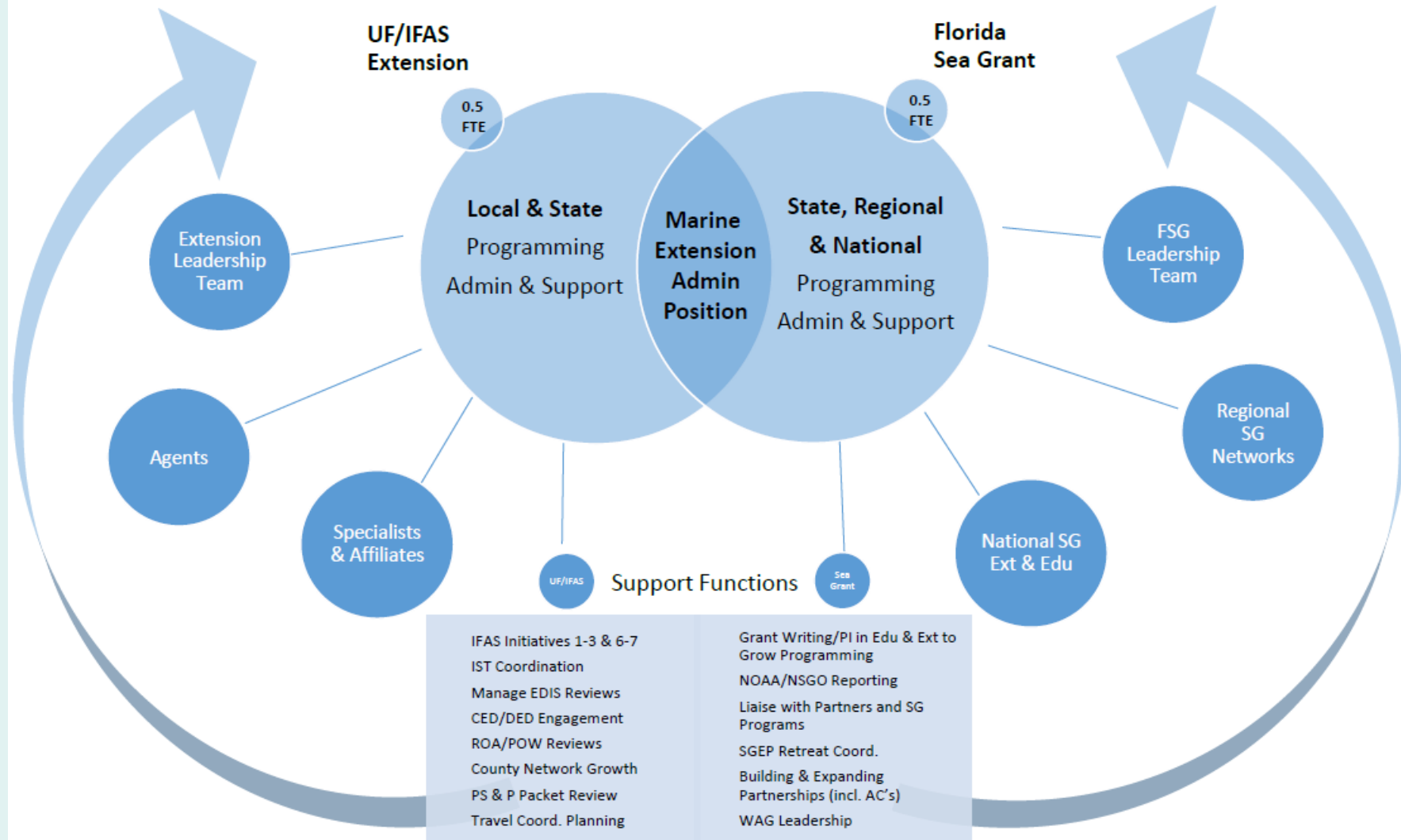
The FLSG **Communications Director** and the **Associate Director for Extension and Education** (ADEE) should be provided with sufficient leadership and supervision from the Sea Grant Director to fulfill the mission of FLSG.

Response:

- 1 | added 'Creative/Art Director' position
- 2 | co-supervise/support re-defined ADEE/APL position



Florida Sea Grant & UF/IFAS Marine Extension Administration Position (including local, state, regional and national engagement)



Christy Huntley



FSG with partners and sponsors, and build capacity to support program validity and expansion

\$41.2M
Total NSGO
Funds

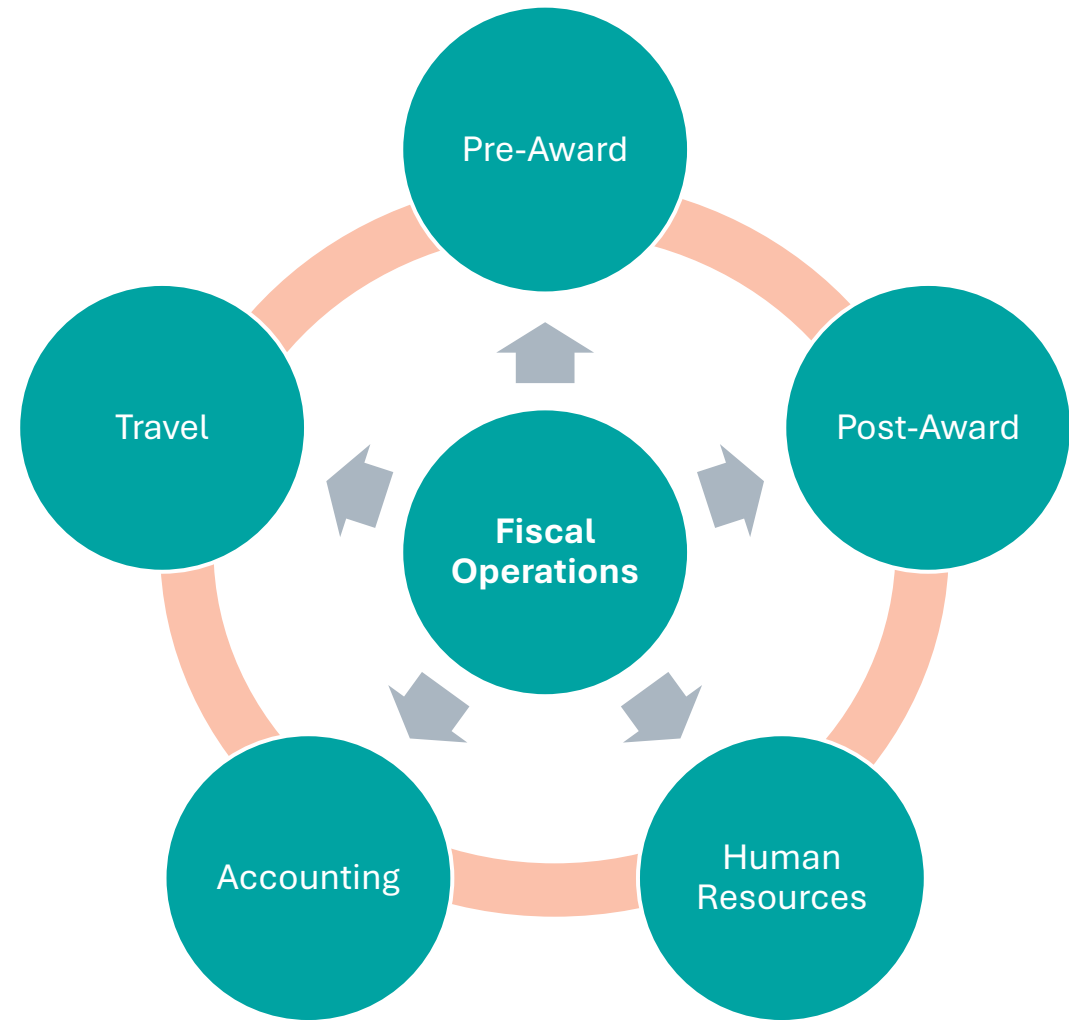
297
Projects

FISCAL/HR

Emphasis:

Allow activities to happen!

- Hire people
- Pay vendors,
- Transfer funds to Co-PIs, etc. - in compliance with NOAA and UF





Christy Huntley

FISCAL/HR

Omnibus responsibilities:

- \$23.5M core federal including match (cost share and effort) across communications, education and extension, management and program development, and research functions (p. 10, PIER).
- Managed financials for 33 competitive research projects at 21 institutions/entities (p.3, PIER)
- Each project/action requires an official modification; 98 modifications were associated with this omnibus.

Leveraged responsibilities:

- External grants, contracts and procurement – provide information to Charles for reporting
- Capacity building with new partners (esp. match)
- Making the PI vision a reality!

RESEARCH

CORE FUNCTIONS

Charles Sidman



Connect

Connect scientists with end users via Extension, promoting adoption of practical and innovative solutions addressing priority issues in local context

Emphasis:
Manage transparent research competitions, track research project progress, and lead program reporting.

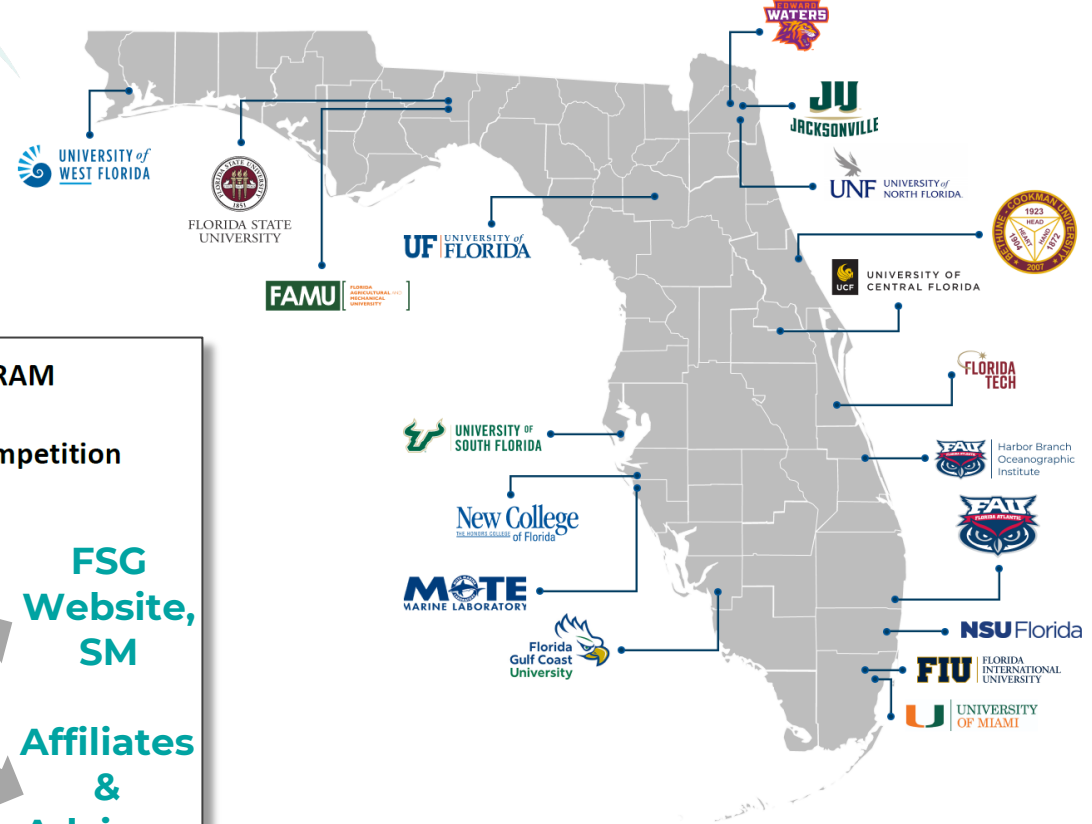


CIRCULATING
THE RFP FOR
BIENNIAL RESEARCH
FELLOWS &
GRADUATE
COMPETITION

Charles Sidman

24
Campus
Coordinators

RESEARCH





RESEARCH

MANAGE RESEARCH COMPETITION

Charles Sidman

189
Pre-
proposals

74
Full
proposals

33
Projects
monitored at
21
Institutions

A.f - Total Number of Proposals (Pre-,Full, and Funded)**


Core Funding	Proposals	Institutions Involved	From Home Institution
Pre-Proposals	189	56	67
Full Proposals	74	36	23
Proposals Funded	33	21	13

**Core funding does not include NSIs

(p.3, PIER)

Lead 6
Annual PIER
Reporting
Processes,
and public-
facing
summaries

RESEARCH



PIER

SEA GRANT WEBSITE

pier.seagrant.noaa.gov

PIER HOME

PLANNING - STRATEGIC PLAN ELEMENTS

Strategic Plans

Program Partners

IMPLEMENTATION - PROJECT MANAGEMENT ELEMENTS

Projects

Funding

Leveraged Funding

Impacts & Accomplishments

Project Updates

Project Updates (2024-2027)

Highlights (2024-2027)

Accomplishments (2024-2027)

Data Sharing Plan Updates v1.0.0

EVALUATION - ANNUAL REPORT ELEMENTS

Metrics

Performance Measures Reporting

Economic Benefits

Products

Hazard Resiliency Training

Visitor Attendance

Estimated Level of Effort per Focus Area

Strategic Plan Objectives Reporting

[Archive]

Projects

The table provides a snapshot of program projects. Click the "Select" button to view greater detail or edit a project in the tabs below.

FILTERS:

(Federal Fiscal Year)

(Annual Report Year)

(Grant #)

(Amendment #)

(Project Status)

(Fund Status)

(Focus Area)

(Funding Opportunity)

(Competitive)

Project Title:

Program Project ID:

PI:

Apply Filters

Clear Filters

Clear Selection

Export Grid

Display: Default

ID			Funding Start	Funding End	Award #	Competitive	Program Project ID	Project Title
18018	Select	FL	3/1/2024	1/31/2025	NA220AR4170091-T3-01S002	No	A/EM-5	Post-Hurricane Idalia Support to Establish Sustainable Hard Clam Production in Cedar Key, Florida
18001	Select	FL	9/1/2024	8/31/2027	NA240ARX417C0460-T1-01	Yes	R/LR-A-71	The current and potential role of macroalgae aquaculture in Florida
18000	Select	FL	2/1/2024	1/31/2025	NA220AR4170091-T3-01S001	Yes	E/T-51	Shellfish Aquaculture in Florida
17990	Select	FL	8/1/2024	7/31/2026	NA240ARX417C0178-T1-01	Yes	E/POPDYN-9	Evaluating the Utility of Genetic To to Assess and Manage Marine Recreational Fisheries
17972	Select	FL	2/1/2025	2/28/2026	NA250ARX417C0054-T1-01	Yes	E/ST-90	2025 Knauss Marine Policy Fellows - Uribe-Castaneda
17971	Select	FL	2/1/2025	2/28/2026	NA250ARX417C0070-T1-01	Yes	E/ST-89	2025 Knauss Marine Policy Fellows - Shaffer
17970	Select	FL	2/1/2025	2/28/2026	NA250ARX417C0007-T1-01	Yes	E/ST-88	2025 Knauss Marine Policy Fellows



FY14-17 SRT PMO Suggestion:

Examine the **evaluation and reporting process** and consider adding quality control that supports more complete capture of program impacts and efficient tracking of progress toward strategic plan goals across all FLSG functions and activities.

Response:

- 1 | added 1.0 FTE Research Coordinator
- 2 | expanded reporting team to include ADEE
- 3 | transitioned from bespoke reporting system to eSeaGrant.



STUDENTS

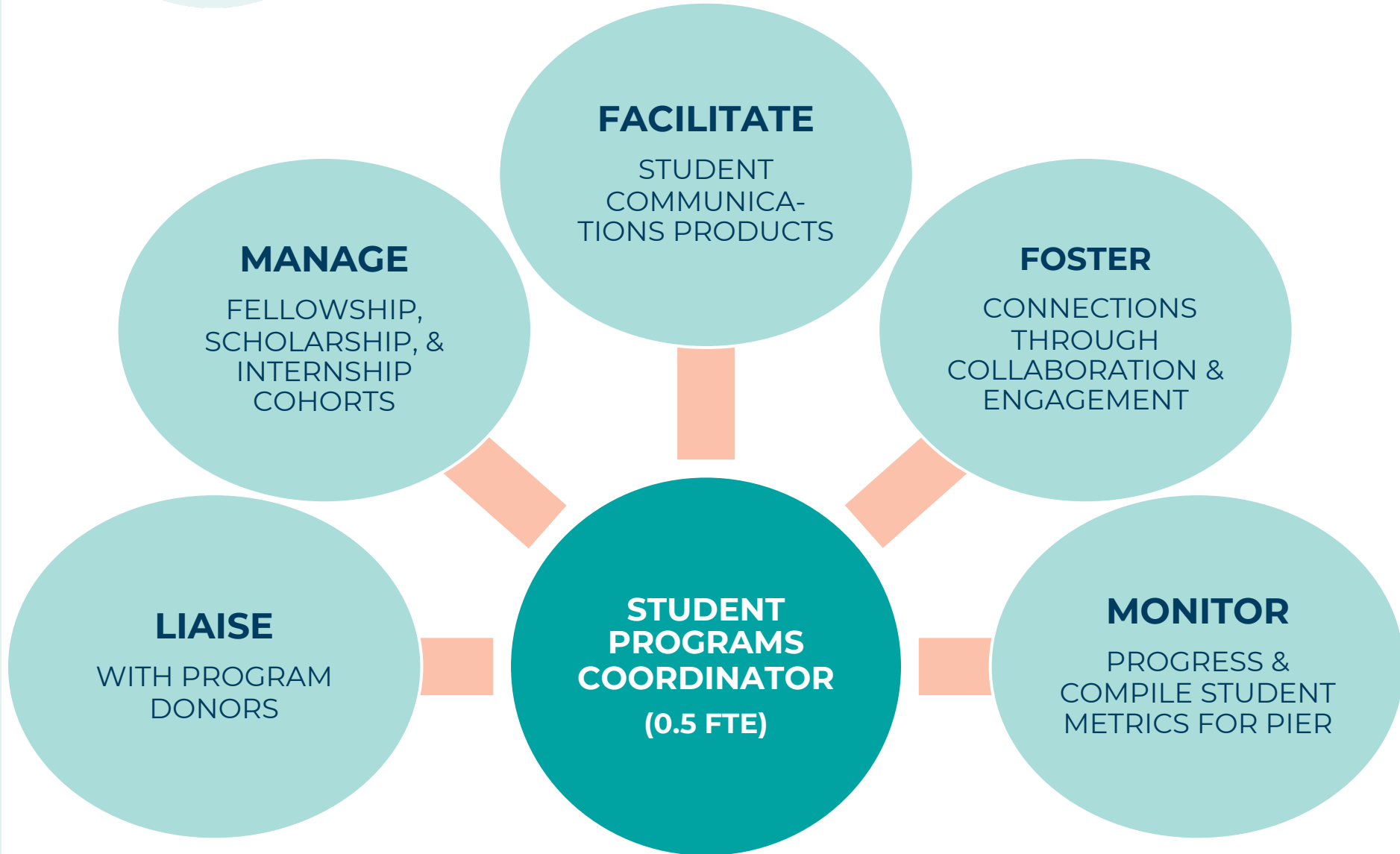
STUDENT FUNCTIONS

Cassie Sexson



Connect

Students with FSG opportunities that foster workforce development skills and careers





STUDENTS

STUDENT FUNDING OPPORTUNITIES

Cassie Sexson



**NATIONAL
FELLOWSHIPS**
KNAUSS, NMFS,
COASTAL
MGMT

**AYLESWORTH
FOUNDATION**
SCHOLARSHIPS

**GUY HARVEY
FOUNDATION**
SCHOLARSHIPS
(FELLOWSHIPS)

**CANTONIS,
SKOCH, FOWA**
SCHOLARSHIPS

**UNIVERSITY OF
FLORIDA & FSG**
FUNDED
STUDENTS

**RESEARCH
ASSISTANT
SHIPS**




**STUDENT
FUNDING
SOURCES**

STUDENTS

Information on **1,600+** studentsMANAGING
STUDENT
INFORMATION

Cassie Sexson

Sea Grant Florida **Scholarship Recipients** [Add New](#) **Search by Scholarship Type**

First Name	<input type="text" value="Yogesh"/>	Last Name	<input type="text" value="Khare"/>	New Name, if married	<input type="text"/>	Scholarship	<input type="text" value="FSG Scholars"/>	
University	<input type="text" value="University of Florida"/>	Degree Type	<input type="text" value="Ph.D."/>	Year Degree Received	<input type="text" value="Anticipated 20"/>	Year Awarded	<input type="text" value="2012"/>	
Advisor Name	<input type="text" value="Christopher J. Martinez"/>	Major	<input type="text" value="Agricultural and Biological Eng"/>	Current Status	<input type="text" value="Continuing"/>	Award Amount	<input type="text" value="\$2,000"/>	
Current e-mail	<input type="text"/>		Current bio	<input type="text"/>		Project Name	<input type="text" value="Global sensitivity and uncertainty analyses for the evaluation of a spatially distributed watershed-scale model for Florida - Watershed"/>	
Mailing Address	<input type="text"/>					Project ID	<input type="text" value="PD-12-19"/>	
Current phone	<input type="text"/>		Flickr Images	<input type="text"/>				
First Name	<input type="text" value="Benjamin C."/>	Last Name	<input type="text" value="Gutzler"/>	New Name, if married	<input type="text"/>	Scholarship	<input type="text" value="SG Federal Students"/>	
University	<input type="text" value="Old Dominion University"/>	Degree Type	<input type="text" value="M.S."/>	Year Degree Received	<input type="text" value="2014"/>	Year Awarded	<input type="text" value="2012"/>	
Advisor Name	<input type="text" value="Mark J. Butler"/>	Major	<input type="text" value="Biological Sciences"/>	Current Status	<input type="text" value="Graduated"/>	Award Amount	<input type="text" value="\$193,855"/>	
Current e-mail	<input type="text"/>		Current bio	<input type="text"/>		Project Name	<input type="text" value="Determining the Ecological and Epidemiological Consequences of Casitas in the Florida Spiny Lobster Fishery"/>	
Mailing Address	<input type="text"/>					Project ID	<input type="text" value="R/LR-B-65"/>	
Current phone	<input type="text"/>		Flickr Images	<input type="text"/>				
First Name	<input type="text" value="Abigail"/>	Last Name	<input type="text" value="Clark"/>	New Name, if married	<input type="text"/>	Scholarship	<input type="text" value="SG Federal Students"/>	
University	<input type="text" value="University of Florida"/>	Degree Type	<input type="text" value="Ph.D."/>	Year Degree Received	<input type="text" value="Anticipated 20"/>	Year Awarded	<input type="text" value="2012"/>	
Advisor Name	<input type="text" value="Donald C. Behringer"/>	Major	<input type="text" value="Fisheries and Aquatic Sciences"/>	Current Status	<input type="text" value="Continuing"/>	Award Amount	<input type="text" value="\$193,855"/>	



STUDENT
TRACKING

Cassie Sexson

STUDENTS



SOCIAL MEDIA TOOLS

LinkedIn, Instagram,
Facebook, etc.

PRINTED/DIGITAL MEDIA

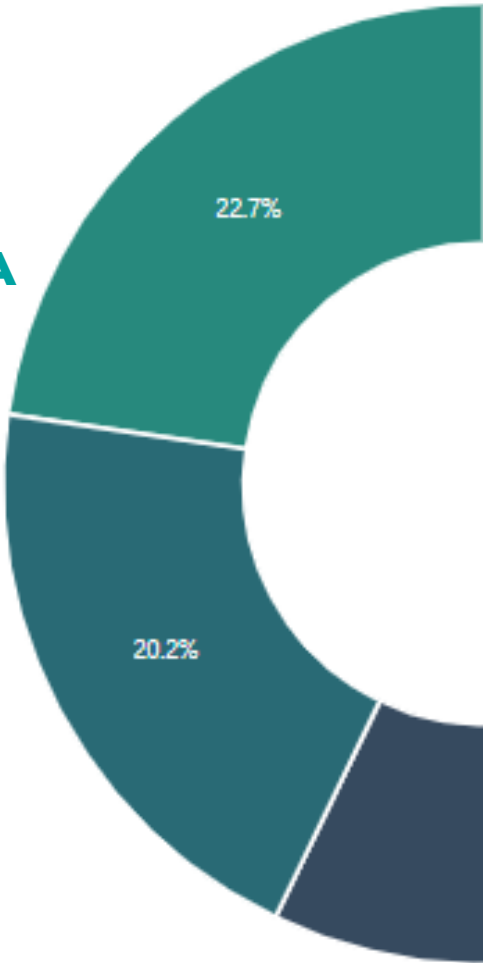
Communications Materials
(printed or digital)

LIBRARY/SCHOLAR CATALOGS

Google Scholar, Institutional
Records of Thesis &
Dissertations

FSG RESEARCH DATABASE

OARS



TRACKING IS...

**MORE****THAN****JUST****METRICS**

- Utilizing and nurturing a growing network of young scientists and professionals.
- Providing information used by communications to promote program visibility and value to stakeholders and decision-makers.
- Identifying *Connections* to bring together early career scientists and future leaders in marine science & conservation fields.



HARNESSING STUDENT PERSPECTIVES



STUDENT
EXTENSION &
COMMUNICATIONS
TRAINING

Cassie Sexson



STUDENT NEWSLETTER

Est. 2023 | "For Students, By Students"



Growing Up is Hard: Life Within a Hammerhead Nursery

JULY 9, 2024

John Hlavin is a PhD student in the Shark Research and Conservation Program of the University of Miami Rosenstiel School of Marine,

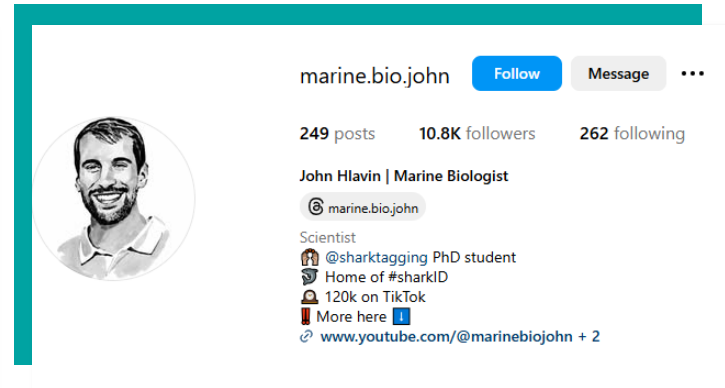
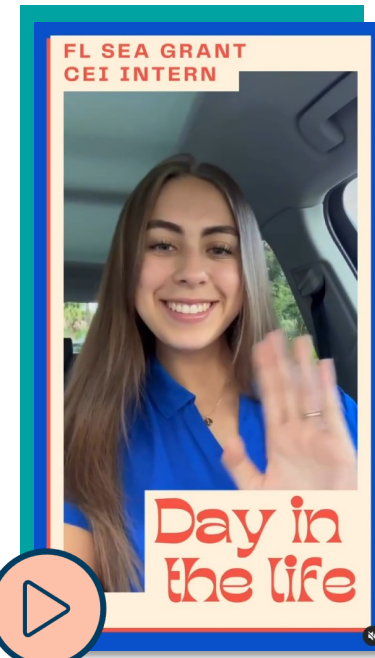
STUDENT WRITTEN STORIES

Fellows, Interns, Scholars Sharing with Digital/Social Media



OUTREACH EVENTS

Professional Development Experience



SOCIAL MEDIA ENGAGEMENT

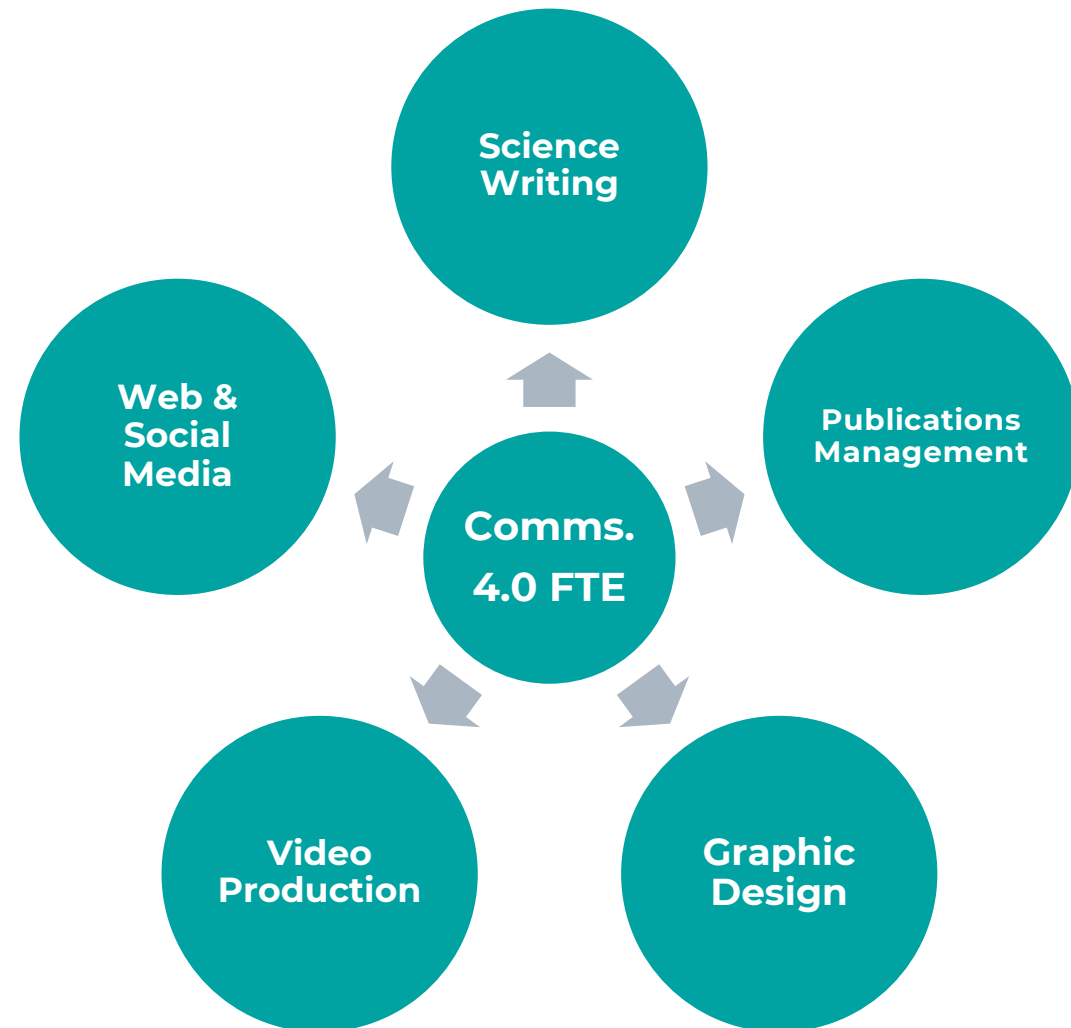
Reaching New Audiences &
Collaborations as Brand Ambassadors



COMMUNICATIONS

Emphasis:

- 1 | Implement NSGO plans
- 2 | Support Extension/Education activities
- 3 | Support FSG visibility and connections in FL
- 4 | Maintain and foster connections with other organizations and outlets



STUDENT
EXTENSION &
COMMUNICATIONS
TRAINING

Donielle Nardi



Connect

FSG to NSGO & stakeholders, promote visibility and value, help train students, and is vital to the work of other FSG Program areas

SUPPORTING
PRINT & DIGITAL
MEDIA

Donielle Nardi

250
Scientific
Publications

19
Technical
Documents

134
Published Web
Site Pages

COMMUNICATIONS

Key projects:

- Refocus – traditional to digital media
- Rebrand – new style guide and visual identity, accessibility
- Website – new approach, navigation, responsive design
- Growth in social media



Followers As of 4/17:

- Instagram: **5,179**
- Facebook: **17,150**
- X: **4,762**
- LinkedIn: **4,195**

Science Serving Florida's Coasts

Florida Sea Grant is a university-based program that supports research, education and extension to conserve coastal resources for residents and visitors and enhance economic opportunities for the people of Florida.

About Us

Florida Sea Grant envisions a future where people use our coastal and marine resources in ways that capture the economic and social benefits they offer, while preserving their quality and abundance for future generations.

[LEARN MORE](#)

Student Opportunities

From fellowships, internships, and scholarships, our funding opportunities span a range of interests and enable students to make a real difference for Florida's coast while carving out their own path for the future.

[LEARN MORE](#)

Faculty Funding

Florida Sea Grant supports the work of scientists and researchers in a wide variety of disciplines from institutions across the state. Our competitive funding opportunities address the critical issues affecting our coastal resources and economy.

[LEARN MORE](#)

Workforce Training

We ensure Florida's workforce is highly trained and prepared to respond to the state's complex marine and coastal issues.

[LEARN MORE](#)

2022-2023

Economic Impact

\$15M

GENERATED
ECONOMIC BENEFIT

36

BUSINESSES
SUPPORTED

290

JOB
SUPPORTED

*FUNDING & IMPACTS TO DATE FROM PROGRAMMING IN SUPPORT OF FLORIDA'S FY 2019-2023 STRATEGIC PLAN



FEATURED SCHOLAR

Esteban Rodofili

Knauss Fellow,
Class of 2024

[LEARN MORE](#)



By combining biology and ecology, I could connect my STEM interest with public policy, a pressing need in the context of global crisis like climate change.



FY14-17 SRT PMO Suggestion:

Develop administrative structures and processes that support **integration and coordination** of extension, education, and research functions of the FLSG program. Additional measures could further integrate communications within the research and extension activities.

Response:

- 1 | added 2.0 FTE in Communications changed position roles
- 2 | assumed point of contact (POC)
- 3 | developed & supported new student processes/products



STRUCTURE &
GROWTH

Maia McGuire

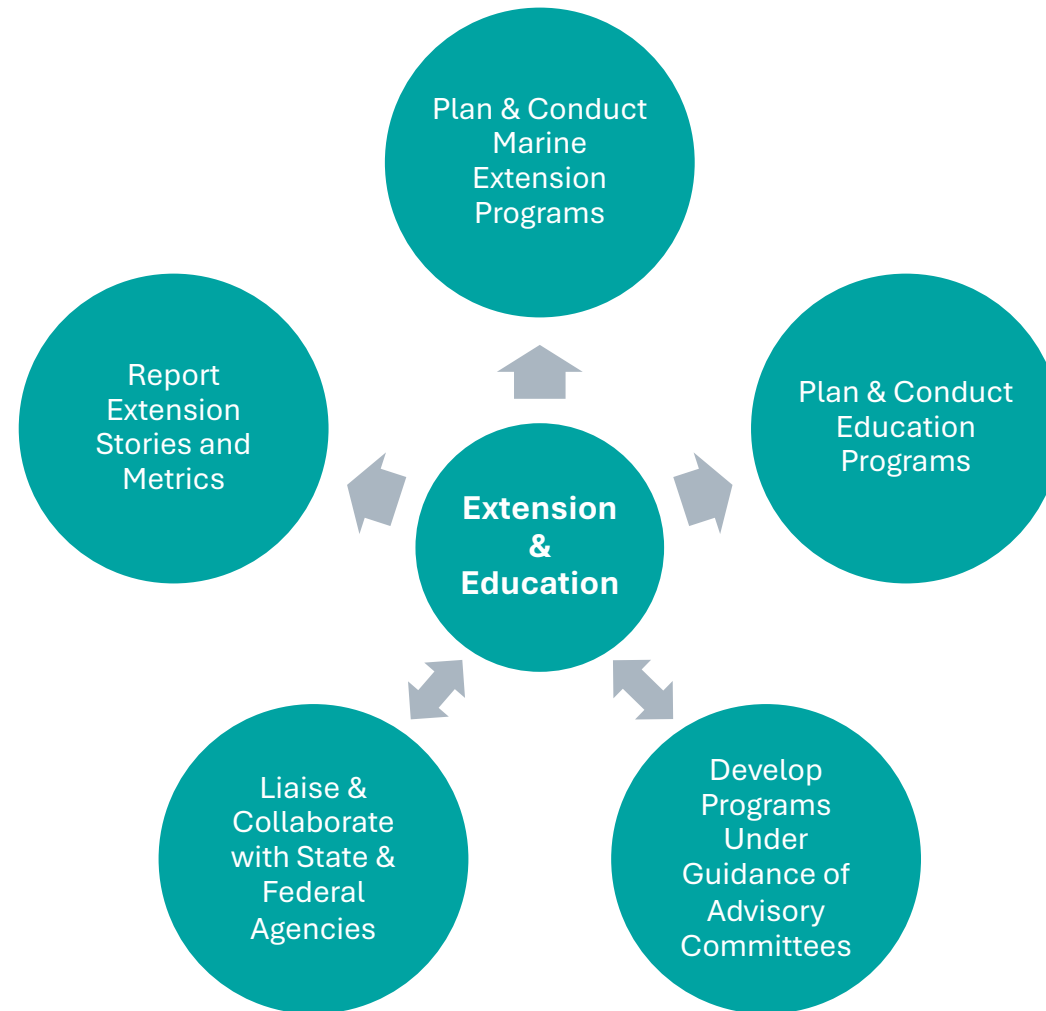
EXTENSION & EDUCATION

2018 → 2023:

2 new extension agents

23
Marine Agents
(county,
regional and
state-focused)

4
State
Specialists
based in
academic
departments
at UF





EXTENSION & EDUCATION

STATEWIDE
DISTRIBUTION
OF FACULTY FOR
LOCALIZED
PROGRAMMING

Maia McGuire

Programming
prioritized and
adapted regionally
through local advisory
groups and strategic
planning process.





Connect

Florida's students, residents/visitors, marine industries and communities to research about Florida's environments through local programming delivered by trusted 'extension educator' faculty

EXTENSION & EDUCATION

Extension vs Education:

- Extension = Industry/Agency
- Education = Other (i.e., "K-gray")

FSG agents are "Extension educators":

- All county agents support the 4-H program



EYES ON SEAGRASS



Florida Microplastic
AWARENESS PROJECT



WATER WATCH



EXTENSION & EDUCATION

Work Action Groups (WAGs): collaborations between researchers and extension faculty/staff. Needs-based.

Fisheries

- *Florida-Friendly Fishing Guide & Florida Friendly Angler (including in Spanish)*



Aquaculture & Seafood

- *Aquaponics and Aquaculture teacher workshop*

Shorelines, Estuaries & Aquatic Systems (SEAS)

- *Living Shorelines for Marine Contractors training*

Resilience

- *Climate Smart Floridians*



HABs

- *HAB State of the Science workshops*

EXTENSION & EDUCATION

Adapting to online programming

- **Bite-Sized Science*** (30-minute webinars in English and Spanish)
- **Video curricula:** based on 3rd grade manatee, 4th grade cetacean, and 5th grade sea turtle materials*
- **Virtual field trips**
- Live "**Seafood at Your Fingertips**" cooking demonstrations*

*=on FSG YouTube channel





UF/IFAS Extension Perspective on FSG Contributions

Dr. Saqib Mukhtar
Associate Dean & Assistant Director for
Extension, State Program Leader for Ag. and
Natural Resources





Connect

Academic and
stakeholder
communities through
planning symposia,
partnership building
and applied co-
produced science

Programmed Team Approach (Process)

Must have a programmed team approach to the solution of ocean/coast/watershed problems which includes relevant, high-quality multi-disciplinary research with associated educational and advisory services capable of producing identifiable results.
(*Site Review Visit Guidance*, p. 11).





MAINTAIN
INTERNAL
CONNECTIONS

Charles Sidman



Connect

Staying connected internally with our staff, agents, and affiliates through a philosophy of "One Florida Sea Grant"

STAYING CONNECTED INTERNALLY

- **Weekly** administrative planning meetings
- **Monthly** "All Hands" program meetings
- **Yearly** in-person program planning retreat & WAG meetings (supplementing semi-annual virtual meetings)
- Note: Extension faculty are connected to researchers and included in RFP process

One Florida Sea Grant





Connect

Connecting within the
Sea Grant network
through planning and
participating in
national and regional
meetings

CONNECTING WITH THE SEA GRANT NETWORK

- **Bi-annual Sea Grant Association (SGA) Meetings all functional leads participate in their respective network, including subcommittees and leadership:**
 - FSG Director is SGA Treasurer
 - FSG Assistant Director, Fiscal/HR was Network chair
 - FSG ADEE is regional representative for SGA Extension Assembly ExComm
- **Biennial Sea Grant Week**
- FSG ADEE served on **planning committees** of SA and Gulf regional meetings

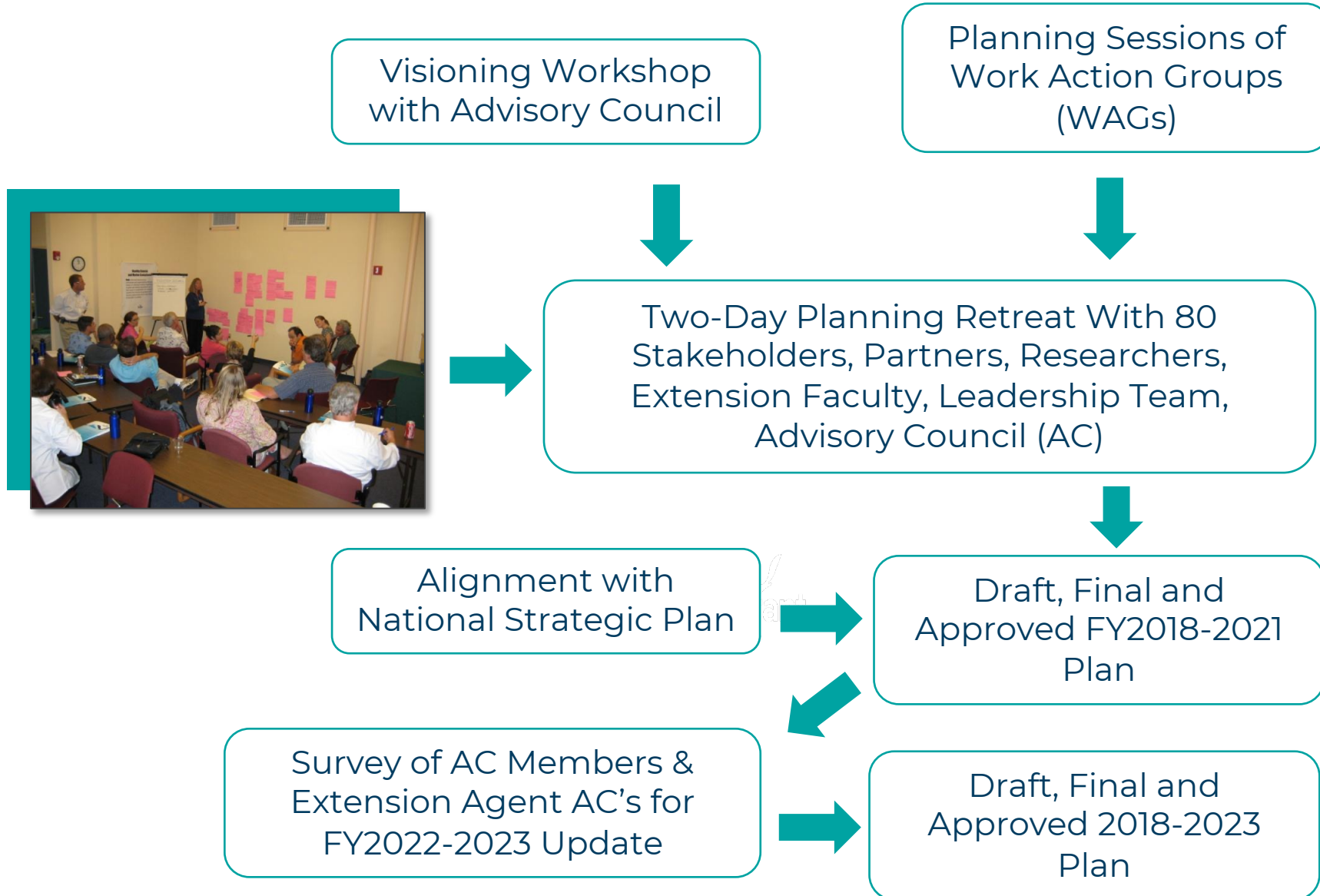




Connect

NSGO priorities with science, Extension and stakeholder communities through periodic planning symposia to drive applied co-produced outcomes

CONNECTING PRIORITIES WITH PROGRAMMING - STRATEGIC PLANNING





Connect

FSGs network to
broader larger scale
issues by motivating
broader collaborations
in context of WAGs

CONNECTING WITH STAKEHOLDERS – WORK ACTION GROUPS (WAGs)

- Opportunity for **county-based agents to strategize with research specialists**, including collaborating and coordinating (productivity & efficiency).
- Encourages **integration and synergies** of formal research and Extension programs within UF
- Provides mechanism for FSG to address **statewide** issues (leverage local knowledge for larger scope of impact).



TIMELY SUBMISSIONS & ROBUST REVIEW PRACTICES

Grant RFP and Proposal Review are conducted in accordance with the *NSGO Competition Policy*.

- **RFP Requirements:**

Applied – co-produced and end-user driven projects distributed across strategic focus areas and priorities.

*Must include integrated extension component.


Must consider quantification of benefits according to NSGO performance metrics.

- **Review Process:**

Two-stage involving 3 reviews: Relevancy, peer and technical.



MANAGING A ROBUST RFP PROCESS



Florida Sea Grant

[Home](#) [Submittal Forms](#) [Submit SI](#)

Call for Letters of Intent

**Priorities and Funding Opportunities for
2020 - 2022 Biennial Core Program
Deadline: February 14, 2019, 3:00 PM EDT--NO EXTENSIONS**

This is a solicitation for two-year Florida Sea Grant research projects, and describes how to apply for funding for projects beginning February 1, 2020 and ending January 31, 2022. The pages available from the instructions page link below describe the information you need to develop and submit your Statement of Interest.

Please make sure you have read the [SI instructions](#) prior to developing and submitting your SI.

For additional information:

Charles F. Sidman
Associate Director for Research
csidman@ufl.edu

Website: www.flseagrant.org
Telephone: (352) 392-5870

When you are ready, proceed to the [Submittal Forms page](#).





MANAGING ROBUST PROJECT MONITORING & REPORTING



OARS REPORTING
SYSTEM

Charles Sidman

Login Page

*Science Serving Florida's Coast*

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting
System

Welcome to the Florida Sea Grant Online Activity Reporting System!

Florida Sea Grant-funded researchers use this system to file interim and final project report summaries.

Florida Sea Grant extension specialists and agents use this system to enter and summarize their extension and education events (EEE's).

Note: If you need to reference your research projects dated prior to 2014, please [click here](#).

Please Log In:

Username:

Password:



I am logging in:

☒ as an extension agent or specialist for reporting year: 2014

☐ as a researcher; select year the project began: 2014

Log In

Home Page

*Science Serving Florida's Coast*

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

Home Project Status Objectives Students Supported Leveraged Funding Outreach Activities Communications Products Accomplishments & Impacts Log Out

Visitor
Researcher

Project: TEST

Type: Interim

Reporting period:
-

Objectives narrative:
Summary word ct: 5

Students supported: 0

Leveraged funding: 0

Outreach events/activities: 0

Communications products: 0

Accomplishments & Impacts: 1

Welcome to the Florida Sea Grant Online Activity Reporting System (O.A.R.S.)

[Help](#)
[Change my password](#)
[Create module reports](#)
[Archive my modules](#)

OARS consists of seven reporting modules (project status, objectives, students supported, leveraged funding, outreach activities, communications products, accomplishments and impacts) accessed as menu options in the banner at the top of this "Home Page." These modules allow researchers, extension specialists, and marine agents affiliated with the FSG to summarize and characterize research-related and/or outreach-related activities, communications products, and accomplishments and impacts.

Please complete **ALL** data entry options provided (as applicable) under each module. This will ensure that all of your activities and accomplishments are accounted for and included in the FSG annual report to the NSGO.

You may log in and out of the OARS data entry modules as many times as you like. Just click the 'SAVE' button to save your progress prior to leaving a reporting module.

Most importantly, Florida Sea Grant will review the information submitted by researchers and reserves the right to withhold funding until reporting is satisfactory. OARS project summaries satisfy technical reporting requirements.

MANAGING ROBUST PROJECT MONITORING & REPORTING



Science Serving Florida's Coast

O.A.R.S. V2.0
Florida Sea Grant
Online Activity Reporting System

[Home](#)
[Outreach Activities](#)
[Communications Products](#)
[Accomplishments & Impacts](#)
[Log Out](#)

Abeels, Holly
Extension
Agent/Specialist

Reporting year:
2014

Outreach
events/activities:
59

Funding sources:
0

Communications
products: 1

Accomplishments
& Impacts: 2

Programmatic Accomplishments & Impacts

Please characterize and summarize in language that a lay audience can understand the accomplishments or impacts that have resulted from your research project programming.

Please refer to the information icons for a definition of accomplishment and an impact; and for specific instructions on how to characterize outcomes and write effective accomplishment and impact statements.

1. Accomplishment or Impact Title:
Brevard Oyster PIRL Workshop

2. Please characterize the accomplishment or impact resulting from your research project or extension programs. Check as many options as you feel are relevant. You will note that some options require a quantity to be estimated.

<input checked="" type="checkbox"/> Habitats Enhanced:	0.11	(acres)
<input type="checkbox"/> Policy, Information, Model or Tool Developed:		(number of agencies receiving/using) (number of communities receiving/using) (number of practitioners receiving/using)
<input type="checkbox"/> Businesses Created/Sustained:		(created) (sustained)
<input type="checkbox"/> Jobs Created/Sustained:		(created) (sustained)
<input type="checkbox"/> Estimated Economic Benefits:	\$	(dollar amount)
<input type="checkbox"/> Improved Products, Processes or Standards:		(number of practitioners receiving/using)
<input type="checkbox"/> Workforce Development Training:		(number of practitioners receiving/using)
<input checked="" type="checkbox"/> Coastal & Marine Literacy Enhanced:	1017	(number of people)

☒ Accomplishment
☐ Impact

4. Please briefly describe the "relevance", "response", and "result" of the accomplishment or impact. Responses for each of these statements are limited to 200 words, so please be concise.

4a. Relevance: (word count: 69)
The Indian River Lagoon (IRL) has undergone many changes the past couple of years with increases in amount and length in time of algae blooms; dieoffs of manatees, dolphins, and pelicans; and seagrass loss due to the algae blooms. There has been a large coalition of groups, businesses, and citizens in Brevard County all wanting to help and restore the IRL and researchers wanting to determine what went wrong.

4b. Response: (word count: 177)
The Brevard Zoo, Brevard County Natural Resources Management Department, and UF/IFAS Extension Brevard County partnered to create and launch the Brevard County Oyster Gardening program in order to address concerns of decreasing water quality, increases in algae blooms, and decreases in seagrass density in the IRL. Oysters were once abundant in the IRL and, because of their importance in estuarine ecosystems, this program seeks to restore oysters to the IRL while engaging the citizens of Brevard.

4c. Results: (word count: 195)
Twenty-five workshops were conducted between January and December 2014. Over 1000 residents have been trained, and approximately 840 gardening sites established. Participants in workshops increased their knowledge of the (1) importance, threats and biology of oysters; (2) various other projects throughout the county helping to clean up the IRL; and (3) how to be an oyster gardener and expectations of a gardener. Gardeners returned their oysters on Nov 8-10, 2014 at three reef restoration sites in Brevard County. It was

5. Please identify up to three project partners, if applicable, who contributed to your accomplishment or impact. Project partners can include government agencies, NGOs, businesses or organized groups, but not individuals.

a. Brevard County Natural Resources Management Department
b. Brevard Zoo
c. University of Central Florida

Relevance →

Response →

Results →

Partners →

NSGO Impact Types



MANAGING ROBUST PROJECT MONITORING & REPORTING

1. Easy to use.

Almost 100% success in getting information from funded researchers, agents and specialists.

2. Streamlines reporting obligations.

Only captures necessary information.

3. Standardizes and integrates information collected from research and Extension programs.

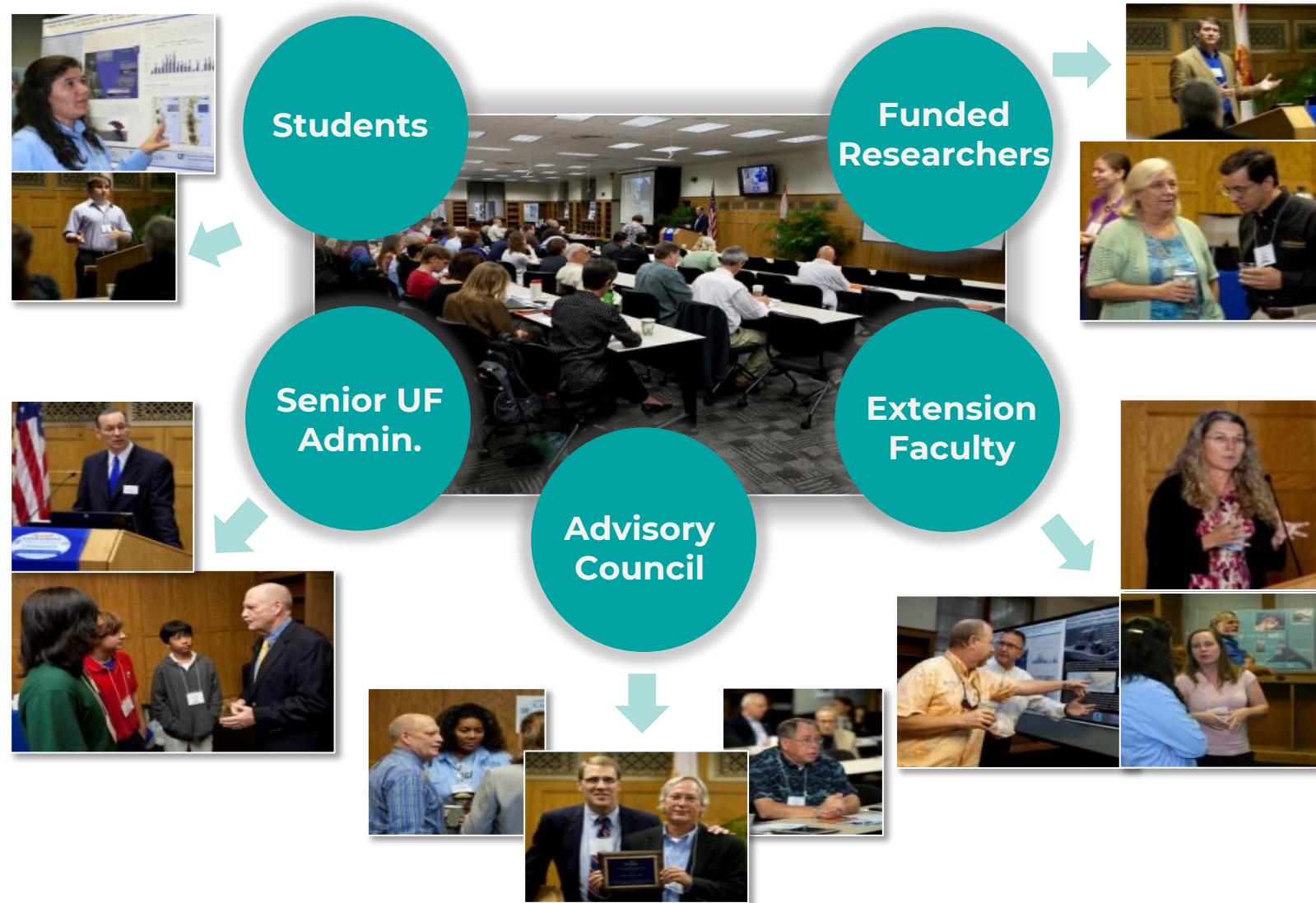
4. Query functions allow data to be quickly analyzed and exported for NSGO PIER input.



Connect

Connecting our
research and
Extension
communities, faculty,
and students through
opportunities for
information sharing
and networking

SHARING KNOWLEDGE & INTEGRATED PROGRAMMING





Connect

Connect with agency partners and other entities to diversify the program's funding portfolio

Support

Must have the ability to obtain matching funds from non-federal sources. A diversity of matching fund sources is encouraged as a sign of program vitality and the ability to meet the Sea Grant requirement that federal funds for the general programs (omnibus/core) be matched at 50%.

(Site Review Visit Guidance, p. 11 and p. 24-26).



A.i - Distribution of Core Funds* (base + merit + non federal match) by Functional Area

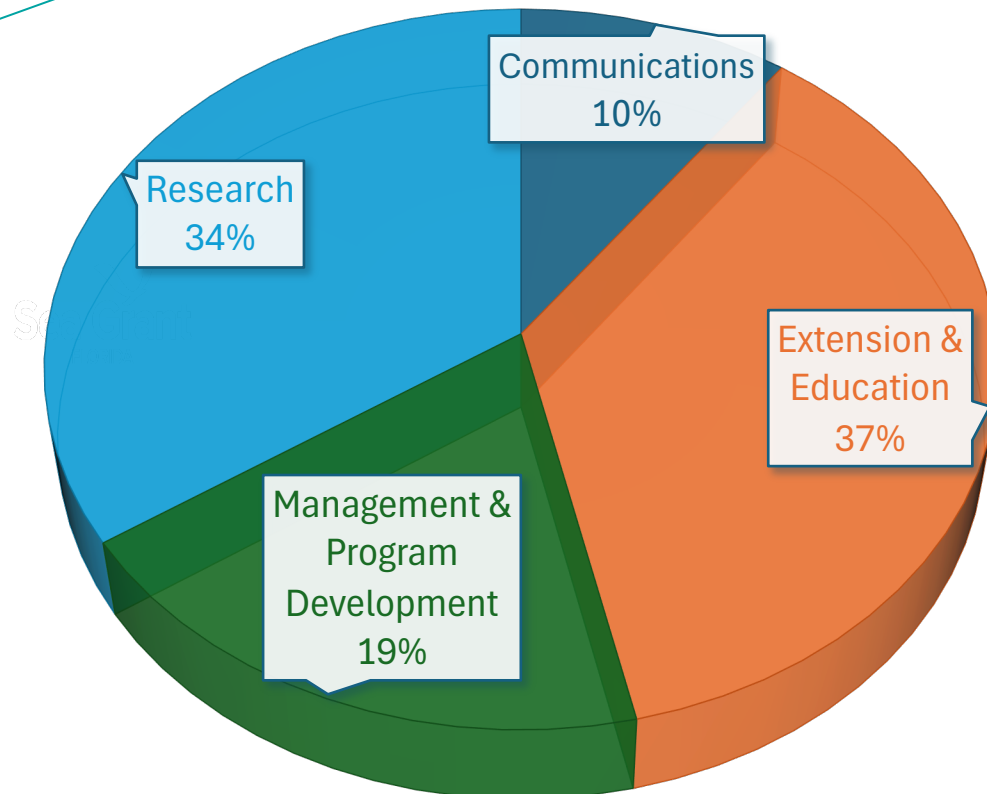
Functional Area	2018	2019	2020	2021	2022**	2023**	6-Year Total
Communications	\$312,499	\$312,499	\$470,969	\$470,973	\$338,031	\$346,852	\$2,251,823
Education	\$75,018	\$75,018	\$91,624	\$75,018	\$22,497	\$0	\$339,175
Extension	\$1,361,544	\$1,315,704	\$1,316,859	\$1,316,859	\$1,394,566	\$1,448,433	\$8,153,965
Management	\$676,575	\$676,575	\$696,772	\$696,772	\$754,055	\$837,693	\$4,338,442
Program Dev	\$77,568	\$100,575	\$71,681	\$71,681	\$0	\$0	\$321,505
Research	\$1,670,463	\$1,116,140	\$1,374,777	\$1,203,266	\$1,216,761	\$1,488,526	\$8,069,933
TOTAL	\$4,173,667	\$3,596,511	\$4,022,682	\$3,834,569	\$3,725,910	\$4,121,504	\$23,474,843

DISTRIBUTION OF CORE FUNDS BY OMNIBUS SUB-PROPOSALS

\$23.5M core
(Pg 10 PIER; Pg 9 in BB)

Including **\$7.8M** match
from:

1. Provost state \$
2. UF/IFAS state \$
3. Research projects





FUNDING SOURCES & TRENDS

Sherry Larkin

A.i - Total Funds* (Sea Grant federally appropriated funds + non federal match + Pass-through)

Year	Sea Grant Federal	Match	Pass-Through	Total Funding
2018	\$4,366,608	\$2,249,437	\$575,906	\$7,191,951
2019	\$3,063,813	\$1,604,561	\$432,142	\$5,100,516
2020	\$3,329,148	\$1,619,957	\$1,150,706	\$6,099,811
2021	\$2,907,147	\$1,485,071	\$1,002,252	\$5,394,470
2022	\$3,704,106	\$1,862,282	\$2,052,562	\$7,618,950
2023	\$3,949,443	\$1,880,783	\$4,007,560	\$9,837,786
TOTAL	\$21,320,265	\$10,702,091	\$9,221,128	\$41,243,484

SRT PIER Report (p 7)

\$41.2m total
- \$23.5m core
=\$17.7m
(75% above core)

6-fold+ increase
in pass-through
alone during the
review period



Connect

Every new project
represents a stronger
connection and an
increasingly diverse
portfolio or projects

Mid-Cycle Review

At the time of the review, Florida Sea Grant had 16 active awards in addition to its pending new omnibus, the most of any of the Gulf programs, **showing its ambitious, entrepreneurial spirit and its frequency of success in competitions.**

(Pennock, 5/10/22)



SUPPORT

SUMMARY

Sherry Larkin

PROGRAMMED TEAM APPROACH FOR PROGRAM EXPANSION

→ *diversifying & stabilizing funding sources: \$17.7m*

	Senior FSG Administrators		
PI	DIRECTOR Dr. Larkin	ASSOCIATE DIRECTOR Dr. Sidman	ASSOCIATE DIRECTOR Dr. McGuire
Focus Area	HCE	SFA, ELWD	RCE, HCE
Legacy	Extension program to identify fatal coral disease (SCTLD) , included citizen science & train-the-trainer events in U.S. and Puerto Rico	Barotrauma reduction via fish descending devices (FDDs) research, Extension & education (e.g., Crandall et al. 2018; and ArcDehooker.com)	Working waterfront and boating programs, FSG as point-of-contact for FDEP, leads to Clean Marina and Clean Boating programs
New Program Elements	<ol style="list-style-type: none">1. FL Coordinator (NOAA)2. Workshop funding (NSGO)3. National Coordinator (NOAA) – developing plans & fact sheets4. SECART Interns (NOAA regional)5. Caribbean & Pacific Coordinators (Ruth Gates & NFWF)6. National Coordinator – 2nd term	<ol style="list-style-type: none">1. FDD Education Program (NOAA)2. Supports/integrated with Reef fish extension (NSGO)3. Creation of RER & trademark protection (UF)4. Education of over 40k enhanced via iCAST & unique marketing5. Pending supplemental – 2nd term	<ol style="list-style-type: none">1. Clean Vessel Act Education coordinator (FDEP)2. Added Florida data, necessitating changes, to the Pumpout Nav App3. Took over 4 regional Clean Boating positions (FDEP)4. Certified new/existing facilities, annually <u>testing</u> all 265 & saved \$400K

SUPPORT

SUMMARY

Sherry Larkin

PTA FOR EXPANSION CONTINUED...

	Senior FSG Administrators		
PI	DIRECTOR Dr. Larkin	ASSOCIATE DIRECTOR Dr. Sidman	ASSOCIATE DIRECTOR Dr. McGuire
Focus Area	HCE	ELWD, SFA	RCE, ELWD, HCE
Legacy	Harmful algal blooms (HAB) public education and Extension program, based on funded research, in Florida	Caribbean fisheries training program	Extension liaison with FL's Marine Debris coordinator to coordinate post hurricane local recovery efforts
New Program Elements	<ol style="list-style-type: none">1. State of Science (SOS) on red tides2. HAB Communication Tool Kit (FWC)3. NOAA HAB Liaison (NOAA)4. SOS II on blue-green HABs (FDEP)5. SOS III on nutrients (FWC)6. National Liaison – 2nd term	<ol style="list-style-type: none">1. Support from other SG programs2. Connection to GCFI3. Webinars to highlight success, impact on Caribbean fisheries management4. Partnership with UF/IFAS to support and deliver online	<ol style="list-style-type: none">1. Fly over's and other tools to geolocate damage and debris2. Rapid response funding post Ian (Ghatt et al. 2023) (NSGO)3. \$3 M removal of damaged/displaced vessels from private lands (NOAA)



STANDARDS OF EXCELLENCE

WRAP UP

Sherry Larkin

Review Criterion	FSG’s Top 3 Methods to Meet the Standards of Excellence
Organization	<ul style="list-style-type: none">Seamless integration with UF/IFAS Extension & campusEnhanced advisory capacity (state agencies and DOAP)Emphasizing connections, especially with student programs
Programmed Team Approach	<ul style="list-style-type: none">Encouraging cross-network, regional projects & collaborationCustom web-based applications for robust proposal submission, review and project monitoringEmphasis on co-production through WAGs to produce quantifiable research, Extension & educational programming
Support	<ul style="list-style-type: none">Success in national competitions (e.g., aquaculture, workshops, liaisons)Utilized UF support to expand administrative capacity & transformed and expanded foundation supportSenior management expanded & diversified funding portfolio, nearly doubling core funding

3:20 – 3:30 PM

BREAK

A video will play 30 seconds before we return from break.



Setting the Stage

Perspectives from FSG affiliates and UF partners that address aspects of how FSG **connects** across campus and uniquely addresses coastal and marine issues.

FSG STRATEGIC
MANAGEMENT
APPROACH

Sherry Larkin



Connect

How does FSG
connect across
campus and uniquely
address issues?

PANEL

3:30–4:00 PM

Sherry Larkin



Prompt

How is the way FSG is
Managed, Organized,
and Operates helped
your
program/position?

STRATEGIC MANAGEMENT APPROACH

Panelists:

- **Jim Cantonis, Member**
FSG Advisory Committee
- **Benita Bannis, Director**
UF/IFAS Workforce Department
- **Laura Reynolds, WAG Member and Associate Professor**
FSG SEAS WAG & Soil, Water and Ecosystem Sciences
- **Mike Allen, Director & Professor,**
Nature Coast Biological Station, School of Forest, Fisheries &
Geomatic Sciences (Fisheries and Aquatic Sciences, FAS, Program)



Thank you.

