



Item: AS: I-2

COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS

Tuesday, May 16, 2017

SUBJECT: UPDATE ON HARBOR BRANCH OCEANOGRAPHIC INSTITUTE

PROPOSED COMMITTEE ACTION

No action is necessary. This item is only informational.

BACKGROUND INFORMATION

Dr. Anton Post, Executive Director of FAU's Harbor Branch Oceanographic Institute, will provide an update on the ocean and environmental sciences & technology pillar.

IMPLEMENTATION PLAN/DATE

N/A

FISCAL IMPLICATIONS

N/A

Supporting Documentation: PowerPoint Presentation

Presented by: Dr. Anton Post, Executive Director

Phone: 772-242-2533

THE OCEAN AND ENVIRONMENTAL SCIENCES & TECHNOLOGY PILLAR

Anton F. Post, Ph.D.
HBOI Executive Director

A presentation to the
FAU Board of Trustees

16 May 2017

HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

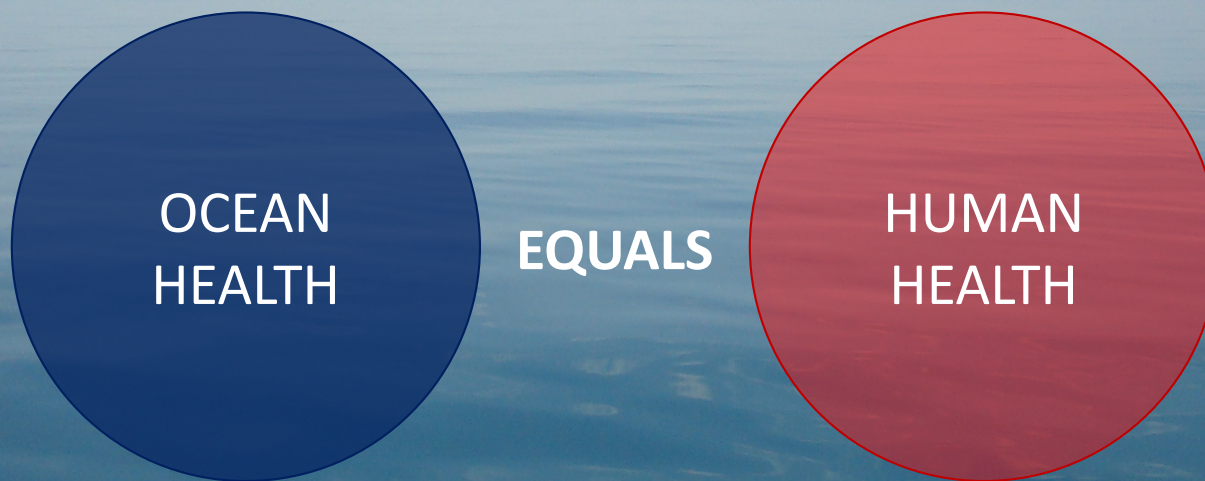
FLORIDA ATLANTIC UNIVERSITY
DIVISION OF RESEARCH



THE CHARGE

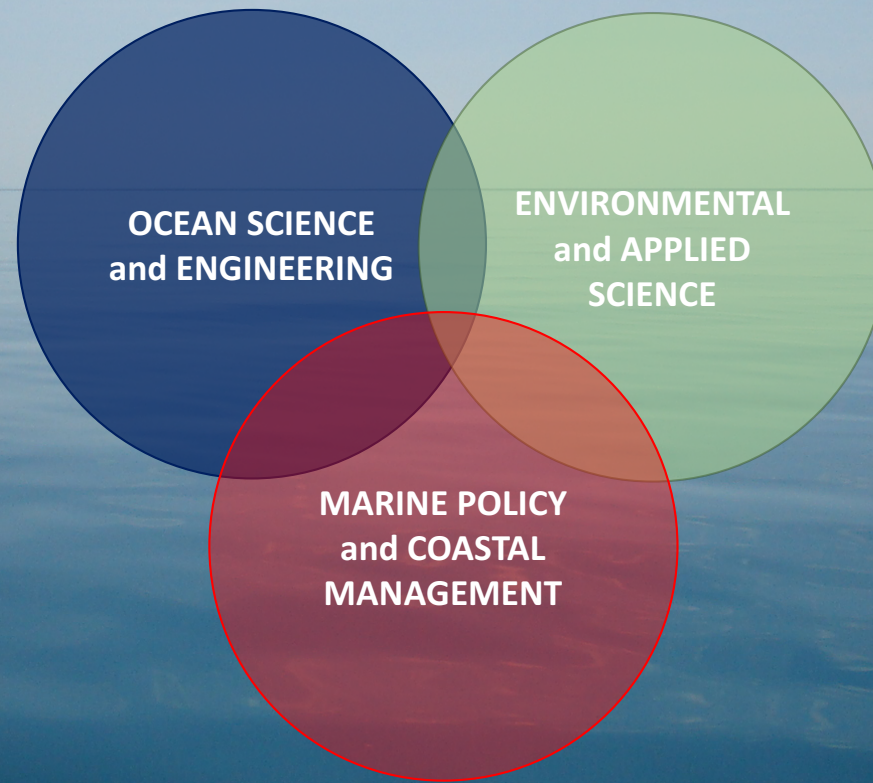
- 1. Lead Harbor Branch Oceanographic Inst. & build the pillar**
- 2. Develop research excellence across all disciplines**
- 3. Double the federal/state funding portfolio**

A VISION FOR THE HARBOR BRANCH OCEANOGRAPHIC INSTITUTE



Ocean Sciences Comes Inshore

A VISION FOR THE FAU HARBOR BRANCH PILLAR



Ocean Sciences Become a Translational Science



A VISION FOR THE FUTURE

- 1. New Educational Programs at FAU**
- 2. Marine Science at FAU Links Back to Florida Communities**
- 3. Pillar Engages Business and Industry**

FAU HARBOR BRANCH

Marine Science and Oceanography

1. Harbor Branch Oceanographic Inst.
2. College of Science
3. College of Engineering

Environmental Sciences

1. Environmental Sci. Program (Boca, Davie)
2. Center for Environmental Studies (Davie)

Ocean/Coastal Engineering

1. Sea Tech (Dania)
2. College of Engineering (Boca)
3. Harbor Branch Oceanographic Inst.

Marine/Coastal Affairs

1. College of Science (Boca)
2. School of Architecture (FL)
3. School of Business (Boca)
4. Harbor Branch Oceanographic
5. Environmental Science

Large, transformative research initiatives – Centers of Research Excellence

Cores and Facilities

Launch novel educational, outreach and development programs across FAU

MAJOR INITIATIVES

- 1. NSF/NIH proposal submission for Center of Ocean and Human Health (\$5M)**
- 2. EDA proposal for Tech Runway at FAU Harbor Branch (\$2M)**
- 3. NOAA SeaGrant proposal submission for Commercialization of Pompano Aquaculture at FAU Harbor Branch (\$1.5M)**
- 4. NSF preproposal preparation for ERC Center of Excellence in Ocean Science and Engineering (\$25M)**

ADDITIONAL STEPS

- 1. Faculty retreat at HBOI on 20 January 2017**
- 2. Retreat report published on 5 May 2017**
- 3. Web site landing page launched on 5 May 2017**
- 4. Identified need for pillar hires at boundary of disciplines**
- 5. Joint hires under discussion with CoS, HC and I-SENSE**
- 6. Update of organizational chart underway**
- 7. Strategic planning effort underway**