

**RESEARCH VILLAGE
at WHITNEY LABORATORY
for MARINE BIOSCIENCE**

For your consideration



MISSION

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The mission of Whitney Laboratory for Marine Bioscience at the University of Florida is to use marine organisms to apply novel research results to problems of **human health**, **natural resources** and the **environment**; **train future scientists**, and contribute to **public education** and science policy.

RESEARCH & DISCOVERY

Through University of Florida faculty-led laboratories, Whitney Laboratory seeks to discover how animals interact with their environment using vision, hearing and sense of smell. The Whitney Laboratory team aims to understand how animals develop and adapt to their changing environment, including discovering neural pathways involved in learning and memory.

LIFELONG LEARNING

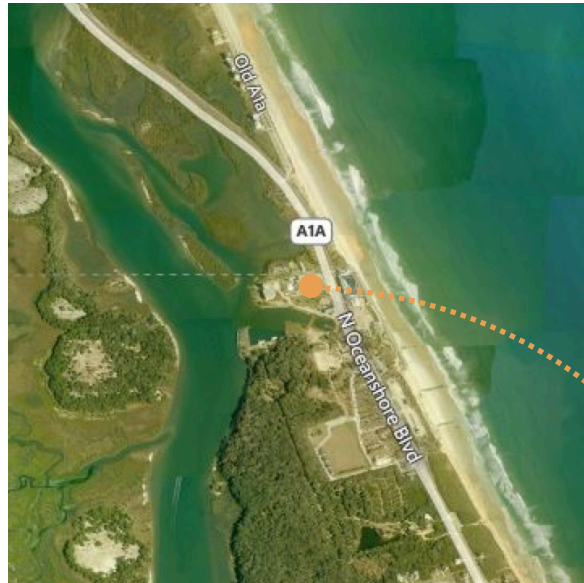
Whitney Laboratory provides training for future experimental biologists, education programs for kindergarten through university-level students and monthly lectures for the general public to bring lifelong learning to the industry and community.

SCIENTIFIC TRAINING

Whitney Laboratory welcomes graduate students looking for intensive research training in the intimate environment of a modern marine laboratory with internationally renowned faculty. Also, Whitney Laboratory offers postdoctoral associates the opportunity to develop their research skills in a supportive atmosphere as they work to achieve their career goals.

LOCATION

Whitney Laboratory is located on Florida's northeast coast, on the border of Flagler and St. Johns counties. The campus is situated on a narrow barrier island, surrounded by the Atlantic Ocean, Matanzas Inlet, Intracoastal Waterway and associated streams and creeks, and miles of productive marshlands. It is situated in a premier spot for marine research. Whitney Laboratory is located 78 miles from the University of Florida main campus in Gainesville, Florida.



WHITNEY LABORATORY
9505 Ocean Shore Blvd.
St. Augustine, FL 32080



RESEARCH VILLAGE

The Research Village expands capacity at Whitney Laboratory to educate more students and welcome visiting scientists while enriching the learning experience for everyone.

Investment in research infrastructure at Whitney Laboratory now paves the way for preeminence in modern education and research opportunities for decades to come. Besides the University of Florida, no other university in the nation has this unique opportunity. This investment signals to the rest of the world that the University of Florida recognizes coastal science (e.g. sea level rise, coastal food supplies, emerging pathogen spread) as a pivotal issue for the coming century.



RESEARCH VILLAGE FEATURES

- Phase 1: 6 coastal-style cottages with 24-bed capacity
- Phase 1 doubles housing capacity
- LEED design and construction
- Dune restoration landscape
- Outdoor classroom, living room and collaboration spaces

2015 WHITNEY LAB VISITORS

- 42 - Residents and visiting students
- 37 - Visiting scientists
- 24 - Guest speakers
- 8 - Research experience undergrad students
- 4 - Doris Duke Conservation Scholar undergrad students

2015 TOTAL VISITORS - 115

Based on a five-day work week, the average resident scientist “use days” for the past five years averages 4,000. Resident graduate student “use days” for the past five years averages 1,100. ***Occupancy has been 100% during the summer months for the past five years.***



RESEARCH VILLAGE HIGHLIGHTS

ENTRY EXPERIENCE

What better way to welcome everyone to Whitney Laboratory and the Research Village than an entryway that is vibrant and aligns with the natural environment? The entryway design includes a metal sculpture of the Whitney Laboratory logo on a coquina base. The backdrop of the sculpture features sand dunes and palm trees that are all found in the natural surrounding environment.

PEDESTRIAN CONNECTIONS

The pedestrian connections bring together all areas of the Whitney Laboratory campus with the Research Village, including the laboratory, Whitney Hall, Center for Marine Studies, Sea Turtle Hospital, administration office and parking. The connections are designed by creating sidewalks that provide a secure and pleasant experience for pedestrians on the Whitney Laboratory campus. The pedestrian connection sidewalks are the threads that tie this project together.

LAYOUT

The Research Village is designed with the environment and surrounding area in mind. It features 11 coastal-style cottages. Each cottage is two-story and has four bedrooms and two bathrooms. The cottages are built with materials sensitive to the site's proximity to intense coastal conditions. With the environment always a priority at Whitney Laboratory, the buildings within the village are designed to meet LEED, green building leadership, standards. This saves money and resources while having a positive impact on the health of occupants. It also promotes renewable, clean energy.



Your support is graciously requested to assist the Whitney Laboratory team with constructing the Research Village, a unique and highly functional research platform that brings high technology to the very shores of the valuable environmental location that is Whitney Laboratory. Focal areas of neuroscience, coast marine environmental biology, regenerative biology (including Whitney's new sea turtle fibropapilloma rehabilitation hospital), STEM Education, and comparative and functional marine genomics are crucial to the international success and recognition of Whitney Laboratory and the University of Florida.

Your support will make the Whitney Laboratory Research Village possible and have a positive impact on thousands of people each year. The support requested includes:

\$100,000

For naming rights of one Research Village cottage on the Whitney Laboratory campus

The Whitney Laboratory team welcomes the opportunity to explore how it can work together with you to make the Research Village go from a construction drawing on paper to a working research village that produces world-class findings in marine bioscience.

Jessica Long
Director of Development & External Relations
904.315.2758 | jessicalong@whitney.ufl.edu

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