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Campus Locations

University of Miami
Coral Gables

Miller School of Medicine
UHealth

University of Miami Hospital
Miami Health District,
City of Miami

Rosenstiel School of
Marine & Atmospheric
Science
Virginia Key,
Miami-Dade County
Campus Facts

Year of Founding: 1943; established on Virginia Key in 1953

Campus Area: 18.97 acres
- Main Campus: 9.5 acres
- Tracts A& B: 9.47 acres

Number of Buildings: 17

Total Building Square Footage: 348,543 SF

Leases and Land Ownership:

A-B 9.5 acres
- Tract A Folio # 30-4217-001-0010 (7.942 acres)
- Tract B Folio # 30-4217-001-0020 (1.61 acres)
- Leased From: Miami-Dade County

C 1.56 acres
- Folio # 30-4220-000-0010 (a portion of)
- Leased From: Miami-Dade County

D 1.53 acres
- Folio # 30-4220-000-0030
- Leased From: Miami-Dade County

E 6.38 acres
- Folio # 30-4220-000-0030
- Owner: University of Miami
West Campus

- Marine Technology and Life Sciences Seawater Complex (MTLSS)
- Science Laboratory and Administration Building (SLAB)
- Grosvenor East
- Grosvenor North
- Grosvenor South
- Marine Science Center (MSC)
- Cooperative Institute for Marine & Atmospheric Studies (CIMAS)
- R/V F.G. Walton Smith
- Tritium Lab

East Campus

- Experimental Hatchery
- Fish Rearing Pond
- Marine Technology and Life Sciences Seawater Complex (MTLSS)
- Science Laboratory and Administration Building (SLAB)
- Grosvenor East
- Grosvenor North
- Grosvenor South
- Doherty Marine Science Center
- Cooperative Institute for Marine & Atmospheric Studies (CIMAS)
- R/V F.G. Walton Smith
- Tritium Lab
- Operations Building
1.1

Marine Technology and Life Sciences Seawater Complex
*Designed by Cambridge Seven, 2014  86,805 SF*

The Marine Technology and Life Sciences Seawater Complex (MTLSS) is an essential component of the research at RSMAS including studies that rely on seawater for observing air-sea interactions in a controlled environment and facilities for holding, spawning and rearing marine organisms. This dedicated seawater complex is the centerpiece of an updated Rosenstiel School campus and permits UM scientists to further unravel the mysteries of the planet.

The complex houses the one-of-a-kind Alfred C. Glassell, Jr. SUrge-STructure-Atmosphere Interaction facility (SUSTAIN). It is a tempest in a teapot the size of a small house and it is unique in its ability to create category-5 level hurricanes inside of a lab, across a 3-D field of waves made of real sea water pumped into the building at 1,000 gallons per minute. With it, scientists are able to better understand the process by which hurricanes are fueled by warm water.
Science Laboratory and Administration Building (SLAB)

*Designed by Abramowitz Harris, Kingsland, 1986  71,760 SF*

The SLAB building houses the administrative offices of RSMAS, the marine library, chemistry laboratories, and teaching spaces. The RSMAS library is one of the foremost marine science libraries in the United States.
Grosvenor East
Architect unknown, 1959  8,926 SF

The Grosvenor complex houses faculty and staff offices, and research laboratories.
Grosvenor North

*Architect unknown, 1965*  50,473 SF

The Grosvenor complex houses faculty and staff offices, and research laboratories.
Grosvenor South
Architect unknown, 1957  25,890 SF

The Grosvenor complex houses faculty and staff offices, and research laboratories.
Doherty Marine Science Center  
*Designed by Ferendino Grafton Pancoast, 1971*

The Doherty MSC houses atmospheric research labs and computer labs, faculty and staff offices, and the dining facilities.
Cooperative Institute for Marine & Atmospheric Studies (CIMAS)

Architect unknown, 1980 | 9,888 SF

CIMAS brings together the research resources of its partner Universities (including UM/RSMAS) with those of NOAA in order to understand the Earth’s oceans and atmosphere within the context of NOAA’s mission.
R/V F.G. Walton Smith

The school’s primary research vessel is the custom designed F.G. WALTON SMITH, named in honor of the school’s founder. The Smith was placed in service in February, 2000.

The state-of-the-art 96-foot-long catamaran is capable of reaching speeds of over 10 knots and has a draft of only 7 feet enabling it to explore inaccessible areas such as reefs, mangroves, grassbeds, and other shallow environments. The vessel accommodates 20 people and encompasses 800 square feet of laboratory space, as well as an additional 800 square feet of multi-use space astern. Constructed by Eastern Shipbuilding Group in Panama City, Florida, the catamaran boasts twin Cummins engines at 760 hp each, Servogear variable pitch propellers, a 3,000-gallon tank of fresh water plus a reverse osmosis water maker, and 10,000 gallons of fuel storage.

The vessel also has the capability of dynamic positioning for precise station keeping, using bow thrusters, controllable pitch propellers, and independent rudders. Other specialized instruments include a transducer suite that includes ADCP transducers for measuring ocean currents; a moon pool between the hulls for drilling or coring operations; and a notched stern to facilitate maneuvering equipment into the water.
Tritium Lab

Architect unknown, 1962  4,909 SF

The University of Miami Tritium Lab is a world leader in environmental tritium, CFCs and SF6 measurement and analysis in water. The laboratory was founded by Professor Emeritus, Dr. Göte Öslund in 1964. The building also houses faculty and staff offices.
Operations Building

The Operations Building houses staff offices providing maintenance and support throughout the campus.
East Campus
Tracts A and B

- Experimental Hatchery
- Fish Rearing Pond
2.1

**Experimental Hatchery**

The hatchery is located in Tract B across the Rickenbacker Causeway from the main campus. It is used for aquaculture and corals research.
2.2

Fish Rearing Pond

A fish rearing pond on Tract A is used periodically.