

Research Lab II & Link Building

For ASB program information
& submission requirements
www.Florida-Arts.org/programs/statebuildings

Budget: \$95,500

Project: BT-643 Research Lab II
BT-645 Link Building

Deadline: 5:00 pm, Friday September 14, 2012

Located between Fort Pierce and Vero Beach, FAU's Harbor Branch Oceanographic Institute was established in 1971 under the shared vision of founder J. Seward Johnson, Sr., and inventor Edwin A. Link to explore, protect and wisely use ocean resources. Today, articulated as Ocean Science for a Better World®, this same vision drives more than 160 Harbor Branch scientists, engineers and support staff to be leaders in ocean-related innovation, exploration, research, education and conservation.



This effort takes many forms, including:

- In the ocean, our researchers explore and study corals and other ecosystems, and identify natural products that are evaluated for their disease-fighting potential.
- Along our coastlines, we study estuaries, shellfish, seagrasses and marine mammals, and how these communities are affected by human impacts.
- On land, our aquaculture team works on new ways to farm seafood for food and ecosystem restoration, and our engineers develop sensing systems and other technologies for research, exploration and ecosystem characterization.
- In the classroom, our specialized graduate and undergraduate programs in marine science and biotechnology give students a chance to augment conventional learning approaches with the resources of a leading oceanographic institute.

The proposed public art is to be located in the newly developed outdoor space framed by the recently constructed Marine Science Laboratory II building, the renovated Edwin A. Link Building and the Harbor Branch channel, which is our link to the Indian River Lagoon and Atlantic Ocean. This place, which represents the intersection of science, technology and environment, is intended to enable faculty, students and staff to take a bit of respite from the work day, socialize and collaborate.

Mail Submissions to:

Art in State Buildings
BT-643/BT-645
Attn: Corina Mavrodin
777 Glades Road, CO-69,
Room 104 Boca Raton, FL
33431

Send Express Entries to:

Same as above

Project Inquiries:

Corina Mavrodin
(561) 297-0541
or
cmavrodi@fau.edu

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The courtyard also is meant to be the heart of the expanding Harbor Branch campus.

Artists are encouraged to draw upon the following elements of science and technology:

Science – The Marine Science Laboratory II Building hosts a broad range of marine biological science

Plant - Mangroves, seagrasses

Animal

- Coral discovery, health, and conservation
- Fish and shellfish health
- Marine mammal ecology (dolphins, manatees, beluga whales)

Water - Coastal pollution, including harmful algal bloom (red tide) causes and effects

Ecosystem

- Indian River Lagoon
- Salt marsh to estuary to near shore to deep ocean
- Plant-animal interactions

Technology – The Edwin A. Link Building is the hub of Harbor Branch ocean engineering

Ocean Visibility and Optics - Laser imaging and communications systems that open the depths to humans like never before

Machining and fabrication - Components and structures are designed and built to withstand harsh conditions

Vehicles - Autonomous and remotely operated underwater vehicles and gliders to map and sample

Manatee protection systems - Technology to protect manatees from navigation and flood control machinery

Instrumentation and sensors - Technologies that enable, extend and increasingly replace man's presence in the oceans

Artwork Sites

The Art Selection Committee has identified a series of potential sites for the placement of the artwork – listed in no particular order of preference. The Committee may direct all the funds to one site or they may choose to divide the funds between the sites. All art media is encouraged.

1. **Site A** – The courtyard between the two buildings
2. **Site B** – The exterior wall of Link Building
3. **Site C** – The walkway along the canal

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1. **Site A** – The courtyard between the two buildings



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2. **Site B** – The exterior wall of Link Building. The finish on the wall is the original epoxy bonded Chattahoochee stone veneer which has been painted over.



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4. Site C – The walkway along the canal



More pictures and information can be provided upon request by sending an e-mail to Corina Mavrodi at cmavrodi@fau.edu.