



synergy  
 through  
 partnerships

**RESEARCH DRIVEN**



View of the solar roof array on the Higher Education Complex building

FAU is utilizing the power of partnerships to go green, becoming the first university in South Florida to use photovoltaic technology with the installation of a **solar roof** atop the HEC building in Fort Lauderdale. The project, headed by **Dr. Jaap Vos**, associate professor and director of the School of Urban and Regional Planning in the College of Architecture, Urban and Public Affairs, was conducted by Advanced Roofing Inc. and is funded by a generous private gift from an anonymous donor, as well as Florida Power & Light, the State of Florida Solar Energy System Incentives program and other state sources.

Even more impressive, the initiative was undertaken as the direct result of an idea put forth by FAU graduate student **Rachel Kalin**. A portion of the building's utility bill savings will be used to provide a Sun Fund Scholarship for one graduate student each year in the School of Urban and Regional Planning. This is believed to be the first scholarship of its kind in the nation to be completely paid for by the sun.



Researchers deploy four ADCPs in the Atlantic Ocean

FAU's **Center for Ocean Energy Technology (COET)** deployed four acoustic doppler current profilers (ADCP) at moorings in the Atlantic Ocean off the east coast of Florida. The devices are located from 4.9 miles to 22.3 miles off Dania Beach at depths ranging from 725 feet to 2,116 feet. The deployment of the ADCPs will enable researchers at FAU to gather baseline information which is needed to characterize, in detail, the spatial and temporal variability of the Gulf Stream, the most energy dense ocean current, for its potential use as an **abundant renewable energy source**.

The deployment of the ADCPs is the first step in COET's plans to create a National Open-Ocean Energy Laboratory that will involve a permanent infrastructure offshore to serve as an integrated, standardized testing and research range for advanced marine and hydrokinetic devices.

Representatives from FAU, the University of Florida and community leaders gathered to commemorate the ground-breaking of the new **joint-use facility** on the Davie campus. The 75,000-square-foot facility is designed to meet U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) silver certification.



Community leaders break ground for the FAU/UF facility in Davie

**Research Highlights**

- FAU's **Human Powered Submarine Team** won first place for speed and second place in the overall competition at the 10th International Submarine Race at the U.S. Naval Surface Warfare Center in Bethesda, Md. **Talon 1**, FAU's **one-man propeller driven submarine**, reached a final speed of 6.298 knots — the fastest speed of any submarine in any category — earning the "Absolute Speed" award. The team placed second in the overall team competition winning \$1,250 in prize money to use toward building its next submarine.
- FAU's team for the **Association for Unmanned Vehicle Systems International (AUVSI)** autonomous surface vehicle student competition took **fifth place** in the AUVSI and Office of Naval Research's Second International Autonomous Surface Vehicle Competition at the Founders Inn in Virginia Beach, Va. The win was a joint effort by students, faculty and staff.
- **Dr. Cynthia Archibald** received a three-year grant from the National Institutes of Health for **HIV-AIDS prevention** in the Afro-Caribbean community. Her research includes a community-based approach to working with at-risk girls aged 13 to 17 and their mothers to tailor a CDC-approved intervention curriculum to be effective for black, English-speaking Caribbean natives.
- **Dr. Ann-Margaret Esnard**, the director of the Visual Planning Technology Lab and professor of urban and regional planning at FAU Fort Lauderdale, with Dr. Alka Sapat, received a grant from the National Science Foundation to gather data on **displacement due to catastrophic hurricanes**. Faculty colleagues and graduate and undergraduate students contribute to the project, which examines 159 coastal counties in the eight most hurricane-prone states, including the entire Florida coastline.
- **Dr. Erika Hoff**, professor of psychology at FAU Davie, was awarded a grant from the Eunice Kennedy Shriver National Institute of Child Health and Human Development to study **bilingual child development in children**, starting at age two, who are exposed to both Spanish and English.

**COMMUNITY FOCUSED**

The **Youth College Experience**, a dynamic, interactive college preview day, was presented by FAU and Broward College at the Davie campuses. The schools partnered on the event to educate potential students and parents on the **"2+2" educational model** — a popular, more accessible approach to a four-year degree for thousands of Broward students.

Sponsored in part by State Farm Insurance, the free event hosted a diverse group of more than 50 high school students and children ages 6 to 18. It was geared toward offering students a better understanding of what it means to attend college.



Broward FAU student leaders with BPC Chair Ginny Miller and other council members

The **Broward Student Leadership Institute (BSLI)** is a bi-weekly leadership program provided to juniors and seniors with an emphasis on developing and preparing them to transition from the classroom to the boardroom as leaders in a changing world. Participants are given the opportunity to connect with **Broward community leaders**, some of who are facilitators for the sessions. Topics include: Community Involvement, Leadership, Life Management, Cultural and Diversity Education and Fiscal Management. The program, which was first piloted as the Broward President's Community Council Student Leadership Series has been formalized, expanding to a ten-week series with extensive career development programming.

**Dr. Pat Doney**, associate professor of marketing for the College of Business, has found innovative ways to blur the boundaries between the classroom and the "real world" for students in her **Promotional Management** course.

Student groups formulate an integrated marketing communications program for an organization, usually a not-for-profit. Projects have included fundraising campaigns, membership drives and new product introductions for organizations such as the Humane Society of Broward County, the Fort Lauderdale Sister Cities, the Himmarshee Merchants' Association, Riverwalk Trust and Southeast Toyota.

Dr. Doney says, "My goal is to match my students with an organization that will benefit from their considerable knowledge and enthusiasm and who, in turn, will contribute to the students' growth by providing 'real world' experience."

## Community Highlights

- FAU Broward's annual Seaside Shindig was spearheaded by the **Broward Seaside Burrow**, an arm of the FAU National Alumni Association. The event honors **"Wave Makers"** who support the University and raises funds for scholarships and alumni initiatives. Honorees were State Farm Insurance (Corporate Partner), the Fort Lauderdale Executives Association (Community Partner), Outstanding Alumnus Neale Poller '66 and "Pearl of Broward" award recipient Dr. Jennifer O'Flannery Anderson '05. The event was chaired by alumna Kathy Molinet '95, '04 and the honorary chair was Virginia "Ginny" Miller.



Broward Seaside Burrow committee members and Seaside Shindig honorees

- State Farm** held a series of successful tailgate parties at FAU home football games at Lockhart Stadium in Fort Lauderdale. The events were first coordinated by FAU intern **Elidia Luzardo**, who has since graduated and is now a State Farm employee. The tailgate parties included games, video games and giveaways, prizes, food and fun. The company also gave out \$500 prizes to organizations that had the most school spirit.
- FAU Davie hosted the **Human Services Connection**, an annual one-day event which increases knowledge of services and cooperation between social service professionals throughout the community. In its first year, the free program surpassed expectations for attendance of front-line professionals and program managers and continues to grow.
- Dr. Donald J. Torok**, associate dean of FAU Davie's College of Education, was honored by the South Florida Area of the American Lung Association with the **Community Support Award**.
- Broward Transit selected a design created by **architecture student Laura Daniels** as the prototype of the **county's future bus shelters**. Features of the sleek design include handicapped accessibility, bike racks, recycling bins, voice alerts and solar panels to power the shelter's information system and provide light.

## FAU Broward President's Community Council

FAU's Broward President's Community Council (BPCC), a group comprised of top Broward business and community leaders, participate in several initiatives to support the University on an ongoing basis. The mission of the BPCC is to promote knowledge and awareness of FAU's Broward campuses; to develop community interaction with the president and vice president; to encourage measures that affect the University's continuing success; and to foster the spirit of excellence in education that historically has characterized FAU as the state university serving Broward County.



Ginny Miller welcomes new members to the BPCC

Ginny Miller, BPCC chair, states, *"BPCC members are leaders with a commitment to our community, FAU, and higher education. It is great to have the opportunity to work with these dynamic individuals in support of FAU and our Broward campuses."*

The BPCC is divided into teams that compete and collaborate on initiatives throughout the year. The teams, which have a football theme and are led by "Assistant Coaches," correspond with FAU's spirit colors: Red, Blue and Silver. Chair Ginny Miller serves as the Head Coach. Council members, in their corresponding teams, are listed below.

### Brilliant Blue Team

- Renee Quinn, Quinn Pro Quo Consulting (Assistant Coach)
- J. David Armstrong, Jr., Broward College
- Josie Bacallao, Hispanic Unity
- Mary Becht, Broward Cultural Affairs
- Hayward Benson, Jr., City of Lauderhill
- Lois Bolton, Broward College
- Gale Butler, AutoNation
- Bob Cannon, Broward County Library
- Tom Coyle, Greenspoon Marder, PA
- Doug Eagon, Stiles Corporation
- Jeff Falkanger, Jeff Falkanger & Associates
- Michael Long, Broward Health Foundation
- James Notter, School Board of Broward County
- Roy Rogers, CCL Consultants
- Jack Seiler, City of Fort Lauderdale
- Kelley Shanley, Broward Center for the Performing Arts

- William Stanton, Hyatt Regency Pier Sixty-Six
- Nancy Strong-Roberts, American Cancer Society
- Welcom "Hank" Watson

### Rockin' Red Team

- Carlos Molinet, Hilton Fort Lauderdale Marina (Assistant Coach)
- John Pisula, State Farm Insurance (Assistant Coach)
- Emilio Benitez, ChildNet
- Kim Bentley, JM Family Enterprises, Inc.
- Ellyn Bogdanoff, Florida House District 91
- Frank Herhold, Marine Industries Association of South Florida
- Jerome Hutchinson, Jr., ICABA Media Holdings, LLC
- Joan Kovac, Kovac Automotive of Davie, Inc.
- Al Lamberti, Broward County Sheriff
- Dan Linblade, Greater Fort Lauderdale Chamber of Commerce
- Melissa Milroy, Galleria Fort Lauderdale
- Raymond Monteleone, Paladin Global Partners
- Jennifer O'Flannery Anderson, United Way of Broward County
- Arlene Pecora, Signature Grand
- Randy Rambo, Winn-Dixie Supermarkets
- Lloyd Rhodes, The Rhodes Insurance Group
- Dennis Smith, Tripp Scott
- Cyril "Sid" Spiro, Regent Bank

### Supercharged Silver Team

- Alan Becker, Law Offices of Becker & Poliakoff, P.A. (Assistant Coach)
- Margarita Castellon, AT&T Business Systems Southeast (Assistant Coach)
- Nancy Blosser, FAU Board of Trustees
- Gail Bouie, Memorial Primary Care Services
- Mark Budwig, SMark Graphics
- Michael Carn, Databridge Corporation
- Kim Cavendish, Museum of Discovery & Science
- Rob Dressler, Robert A. Dressler, Attorney
- Jean Fitzgerald, J.Fitzgerald & Associates, Inc.
- Jarett Levan, BankAtlantic
- Alan Levy, Great American Farms
- Christine Madsen, Mad4Marketing
- Lynn Mandeville, Holy Cross Hospital
- Patsy Mennuti, Go Riverwalk Magazine
- Jo Moskowitz, Citrix Systems, Inc.
- Christopher Pollock, Watermark Management Group, LLC
- Peter Sarbone, The Laser Center for Skin
- Lynn Shatas, Florida Power & Light Co.
- Germaine Smith-Baugh, Urban League of Broward County

## FLORIDA ATLANTIC UNIVERSITY

### Research Driven, Community Focused

Synergy is the result of ideas being shared. What begins in the mind of one person can blossom into partnerships that could ultimately impact the entire South Florida region and beyond. FAU is fortunate to be an integral part of a community that has such a strong history of creativity and collaboration.

As part of the thriving community that is Broward County, FAU recognizes the many opportunities available to improve quality of life for all that interact with the University.

Just as researchers at FAU Dania Beach work to harness the power of the Gulf Stream and provide a source of alternative energy, Florida Atlantic University's Broward campuses strive to realize the potential of partnerships.



Dania Beach Campus

Florida Atlantic University, a member of the State University System, was founded in 1961 and offers a wide range of undergraduate and graduate degree programs to students on seven modern campuses in southeast Florida. Three of those campuses are located in Broward County.

### FAU Dania Beach

Also known as SeaTech, FAU Dania Beach is a center of research and education in the field of ocean engineering, an academic discipline that was pioneered at FAU in the 1960s. Students work side by side with faculty researchers on cutting-edge projects, including a federally funded initiative to generate electricity by capturing the energy in offshore ocean currents.

### FAU Davie

One of the University's largest campuses, FAU Davie offers a varied selection of undergraduate degree programs in cooperation with Broward College. Students who receive an associate's degree from Broward College or any other community college in Florida are guaranteed admission to FAU. Degree programs offered by FAU and Broward College are carefully coordinated in order to assure students a smooth junior-year transition.

### FAU Fort Lauderdale

Located in downtown Fort Lauderdale, this campus is home to a mix of professional and design-oriented programs, including architecture, business, computer arts, graphic arts, multimedia communication, public administration and urban and regional planning.

For more information about Florida Atlantic University and the many opportunities FAU has to offer, visit: [www.fau.edu/broward](http://www.fau.edu/broward).

## QUESTIONS?

Please contact: **Dr. Carolyn Stewart**  
Office of Community Relations –  
Broward at 954.762.5300

For an inside look at research and partnerships at FAU, visit [www.fau.edu/broward/community](http://www.fau.edu/broward/community).