

## VISTA ROYALE COMPUTER CLUB

March 28, 2019

Members:

President Mike Johnson welcomed 18 members and guests to our 28 March 2019 meeting. We have 146 paid members. He mentioned the upcoming VRCC election of officers..... with no takers on the open slots; it would be nice to able to train some new members for the many various jobs that are presently being done by only a few.

For your amusement... video of the Italian Organ Grinder at the 2019 - ITALIAN NIGHT DINNER AND DANCING

<https://www.youtube.com/watch?v=XL1lvcaRli8&feature=youtu.be>

Gabby Barbarite, Ph.D.

*Director of Outreach & Engagement*

Harbor Branch Oceanographic Institute at Florida Atlantic University

[www.fau.edu/hboi/community/mod.php](http://www.fau.edu/hboi/community/mod.php) Email: [gbarbari@fau.edu](mailto:gbarbari@fau.edu) Office: 772-242-2470

Gabby was a very interesting and dynamic speaker and has quite a history with Harbor Branch having done many classes there, had a paid summer internship and finished her Master's Degree on flesh eating bacteria there as well. She gave us a good background of the 50 year old facility which was a former sand mine when [1971] purchased by Ed Link and Seward Johnson Sr who were interested in undersea exploration. A scuba diver can only go down 130 ft. but their innovative sea link submersible could descend to 500-100 ft. with lock-out divers. The last manned version, holding 4 people, could go down 3,000 ft. for 4 hours, collect samples, do testing with sensors and take video of the journey. That was retired in 2010. Today NOAA runs an unmanned sub for explorations all over the world.

Harbor Branch was heavily damaged by the 2004 hurricanes [\$60 M] and to survive it subsequently had to affiliate with Florida Atlantic University [30,000 students] to continue their important bio-medical research. They now have 140 acres, 30-50 full time students, 200 employees and a 10.8 million dollar operating budget. Their scientific staff is looking at getting 200 M in grants in the future years.

They have many different programs including a Bio-Medical Tech Group, Marine Mammal Division [dolphin research], Marine Rescue Unit with their own specialized ambulance, Indian River Lagoon Observatory, Aquaculture Division, college Semester by The Sea, a paid internship program, their own magnet high school affiliated with St. Lucie County, a Master's

Program onsite and their popular Outreach & Engagement segment of which Gabby is the Director.

This division handles all the guests, tour groups, Indian River Lagoon Research boat trips, lecture series, elementary school visits, Boys & Girls Club program, etc. A trip to the interactive Ocean Discovery Visitors Center is admission free as are the Lecture Series held most weeks during the season. You can watch their lectures live by visiting their website or see the videos later when available on YouTube. The Lagoon boat trip and FAU Harbor Branch Immersion Tours have an advance registration and fee. See their website to learn the different options you have when visiting just down Rte. 1 about 3 miles... really easy to find. Here are the two free lectures coming up.

April 1, 2019 at 4pm: Dr. Margaret Leinen, Director of Scripps Institution of Oceanography. "Oceanography in the next decade: where will new ways to study the ocean lead us?"

April 17, 2019 Stephen Kajiura, FAU Biological Sciences - "Sharks Are Snowbirds, Too: Seasonal Migration of Blacktip Sharks along the U.S. Eastern Seaboard"

They also have opportunities for someone who would like to volunteer their time doing fun rewarding work; <https://www.fau.edu/hboi/community/volunteer.php>

Our next meeting as usual is at 9:30 a.m. Thursday morning April 4, 2019 with David Kimball talking about "Artificial Intelligence-what everyone should know". He will be comparing AI to Human Intelligence as well. It will be in the kitchen of Pine Arbor Clubhouse; this is our next to last program of the season.

Sandy McKenny, sec.

Vista Royale Computer Club, Pine Arbor Clubhouse, Vero Beach, FL 32962

*Please go to our <http://www.vrcc.info/> website for archived Meeting Minutes, Calendar of Events, Genealogy Resources and more. You can also set your own computer home page to <http://www.vrcc.info/home.html> to make it match the home page on our Lab machines.*