

Rotary



Rotary Opens Opportunities

The SMILE

December 9, 2020

ROTARY CLUB OF SARASOTA

CHARTERED APRIL 12, 1926
CLUB NUMBER 4339
DISTRICT 6960
ZONE 34
PRESIDENT – LAURA RANDALL

The Four Way Test of Things we Think, Say or Do:

1. Is it the TRUTH?
2. Is it FAIR to all concerned?
3. Will it build GOODWILL and BETTER FRIENDSHIPS?
4. Will it be BENEFICIAL to all concerned?

Upcoming speakers

Dec 16.....Club Assembly/Election of 2021-2022 Board of Directors and Officers
Dec 23.....Henry.....Virtual Social "Lunch"
Dec 30.....NO Meeting - Happy New Year!

This week's speaker

LISA J. HOWARD, CFRE
Lighthouse Vision Loss Education Center



Lisa Howard became Chief Executive Officer of Lighthouse Vision Loss Education Center in September 2017. Lisa originally joined Lighthouse in 2013 as its Director of Development bringing more than 27 years of experience to the organization. Lisa is a Certified Fundraising Executive and a member of the Association of Fundraising Professionals, Southwest Florida Chapter. Lisa is also the incoming President of the state-wide organization Florida Agencies Serving the Blind.

We are back at Marina Jack!

Please join us in person each Wednesday for great socially-distant fellowship and impressive speakers. We will continue to present the meeting via zoom. Click [here](#) for the current lunch time link. The meeting ID is 850 7495 4959. The password is 571989



12/2 Meeting Recap

by Francine Difilippo

Meeting comments

Attendance is increasing, and It was great to see so many people face to face at the meeting as well as some visitors and guests! There is still room for you if you wish but pay attention as there will be no scheduled in person meetings on 12/23 or 12/30.

Menu

We were served beef stroganoff that was tasty and very aromatic once we removed our masks! The baked salmon was also well received - works very well over the mixed greens according to Joe Formella, rice pilaf, green beans almandine (yes, that means no cauliflower!) apple cake and Pumpkin pie! I was happy to see the pumpkin pie, sorry no key lime, Tim Herring!

Presentation

Dr. Emily Hall was so enthusiastic and energetic about her work at Mote Marine Labs that even the people in the back of the room or those who normally peek at their cell phone screens were paying attention.

Her topic was: Our changing Climate: Impacts of Coastal & Marine Organisms. Ocean Acidification (the CO_2) is changing the carbon structures because of a shift in reduced Ph making carbonates less available. These are needed for shell and skeletal production. She showed pictures of corals on acid which show deformed or no growth.

This covers scallops, oysters, clams and coral. Calcite coccolithophores (like the white cliffs of Dover) this is calcite. Oxygen comes from the ocean where she again showed the diadem a (urchin spine) with what looks like osteoporosis when they do not get the proper materials for growth. Coastal estuarine acidification - breathing carbon dioxide.

Warming is becoming more extreme and frequent storms, and the environment where she studies the changes in the keys. Pesticides and sunscreen have deleterious effects.

She does in situ (in the field) work as well as land-based lab work. She talked about the Florida blue holes off the coast that have acidic Sulphur (CO_2 bubbles) - she mentioned the sea anemone which has seen a major shift in development. The blue Holes are deep and not visible from satellite photos. They can get as deep as 400 + feet - usually they are only diving up to 115' - 150') the est known are Amberjack and Green Banana - fisherman are area of them because there is usually good fishing around them. The chemistry (Ph) drops, and organisms grow even though they are not sure of the source of the needed nutrients.

An interesting question she posed is whether the holes are somehow connected to underground aquifers and if they affect our groundwater in matters such as saltwater incursion. She made the distinction between fresh water and fresher water.

12/2 Meeting Recap (continued)

In the Lab

OASys Climate & Acidic Ocean Simulator (CAOS)

Some genera are not equally susceptible to environmental stress. Coral lesions occur because of human as well as naturally occurring events such as fish fights. The higher temperature and elevated nutrients contribute to the successful healthy development. Coral is an animal, that supports tissue and plants that are different parts of the same organism. She gave resources for the members who have an interest in following up for additional information and the scientists best slides - statistical graphs and charts that she had to quickly skim over in her presentation so as to not lose her audience. PBS has a program you can search for on YouTube "Our Changing Seas". Resources include: www.oainfoexchange.org/index www.socan.secooora.org and www.gcoos.tamu.edu/?page_id=11083 She referred to Ocean Acidification Act of 2019 as well as the 1972 Clean Water Act.

The estuary programs in Tampa Bay, Sarasota Bay, and Charlotte Harbor were created by the counties to avoid fines for polluting the bays. Their agreement covered developing management plans to study, improve and mitigate damage that was being done. Tampa gets an A, Sarasota gets a B, & Charlotte maybe a D+.

Currently there is nothing being done about the open oceans where there are no maritime laws regarding ships dumping their waste, the lack of wastewater treatment and the mercury flows running down the rivers into the ocean. A Rotary opportunity would be to work on the global cooperation required to get the flag bearing ships' companies and polluting countries to enter into an agreement to clean up their effluents before discharge like the Clean Air act did for the scrubbers added to smoke stacks to clean the air.

RSVP

ROTARY CLUB OF SARASOTA HOLIDAY FÊTE

PARTY

Wednesday, December 16 at 6:00 PM ET

RCS Social Committee
(315) 719-9800

Marina Jack Blue Sunshine Patio
2 Marina Plaza Sarasota, FL 34236

Let's get social!

You can now find the Rotary Club of Sarasota on Facebook and Instagram @RotaryClubOfSarasota. We'll post photos and stories so you can share.



Happy Birthday!

Caridad Santos - 12/18

Is it fair to all concerned?

As Rotarians we need to be aware of the behavior expected of us. Conducting ourselves in adherence to this code of conduct can help us all act in the Rotary spirit.

ROTARIAN CODE OF CONDUCT

As a Rotarian, I will:

1. Act with integrity and high ethical standards in my personal and professional life
2. Deal fairly with others and treat them and their occupations with respect
3. Use my professional skills through Rotary to mentor young people, help those with special needs, and improve people's quality of life in my community and in the world
4. Avoid behavior that reflects adversely on Rotary or other Rotarians
5. Help maintain a harassment-free environment in Rotary meetings, events, and activities; report any suspected harassment; and help ensure non-retaliation to those individuals that report harassment



2020-2021 Rotary Club Board of Directors

Laura Randall - President
Lee-En Chung - President-Elect
Dan Smith - Vice President
Jeff Meyer - Immediate Past President
Andrea Nierenberg - Secretary
Steve Cork - Treasurer
Drew Adams - Sargent-at-Arms

Directors
Pam Akins
Peg Cork
Zain Hartman
Ruth McLaren
Tom Melville
Paul Mlotok
Steven Stegall