

# Hammock Happenings

Gumbo Limbo Nature Center's Program Guide & Newsletter

September - October 2021

## Manager's Corner

**Have you heard? WE. ARE. OPEN!**

Gumbo Limbo Nature Center re-opened our gates and doors to the public on Monday, August 2 with updated hours. Seeing you all drive through our gates again with excitement made our hearts so happy (I'm still smiling). Our new hours allow for a full day on Saturday and Sunday (previously we opened at noon on Sundays). We are now open from noon – 4:00 pm on Mondays which allows our team to conduct maintenance and other activities before we open to the public. Our trails and gardens are open seven days a week from 7:00 am – sunset.

We are continuing to add additional on site programming and are excited to announce the return of the International Coastal Cleanup on September 18, and of our month-long STEAM through September City-wide programming. Take a peek inside for more information. We are also working on a variety of Halloween-themed programs – make sure to check our website and social media for more information and how to register.

While we were closed, we welcomed a few new faces to our team. If you come into our Nature Center, be sure and say hi to Whitney, the new Visitor Hospitality Representative. We also have six new Marine Turtle Specialists, a new Sea Turtle Rehabilitation Technician, and two new Environmental Educators. Keep reading for a chance to learn a bit more about our newest team members.

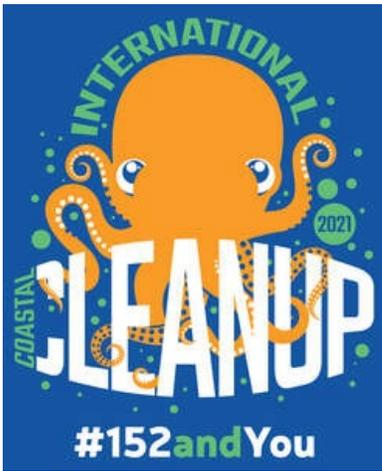
We are still adding new exhibits and other enhancements to our facility, so be sure and stop by the front desk for an updated map when you do come by.



*Manger Leanne Welch and Friends of Gumbo Limbo Executive Director John Holloway join Sea Turtle Ambassador Luna in welcoming visitors back to Gumbo Limbo Nature Center.*

*Hope to see you soon!  
~Leanne*

# 2021 International Coastal Cleanup



The International Coastal Cleanup (ICC) is back, and Boca Raton's beachgoers couldn't be happier! Of course, by beachgoers I am referring to thousands of sea turtle hatchlings, shorebirds, and other species impacted by marine debris.

It has been well over a year since our beaches have been well-scoured of the plastics and microplastics, monofilament fishing line, mylar balloons, and many other harmful objects that too often find their way from our homes to theirs. We are happy to report that in September, volunteers will storm the beaches of Boca Raton and cities worldwide, with one thing in mind...the war on trash!

The International Coastal Cleanup is the largest annual volunteer event to target the worldwide threat of marine debris, with almost a million people from over 100 countries participating in 2019. Sponsored by Ocean Conservancy since 1986, this

event is about more than just picking up trash; for decades, Ocean Conservancy has had its volunteers tally their findings to provide data from these events, eventually creating the world's largest database for marine debris! Researchers and scientists have been analyzing the data to identify sources of marine debris, determine the scope of the problem, and work toward solutions.

Utilizing citizen science data collecting, Ocean Conservancy has raised awareness and set the stage for personal change at a global level. Each of us can choose how we will be a part of the solution. These results from last year's ICC provide food for thought...

According to Ocean Conservancy's 2020 ICC Report, the top 10 items collected by volunteers were:

1. Food Wrappers (candy, chips, etc.) 4,771,602
2. Cigarette Butts 4,211,962
3. Plastic Beverage Bottles 1,885,833
4. Plastic Bottle Caps 1,500,523
5. Straws, Stirrers 942,992
6. Plastic Cups, Plates 754,969
7. Plastic Grocery Bags 740,290
8. Plastic Take Out/Away Containers 678,312
9. Other Plastic Bags 611,100
10. Plastic Lids 605,778



So, what do all these items have in common? They fall into a category called single-use-plastics, considered one of the major sources of the 8 million metric tons of plastic entering the oceans annually. Single-use plastics were enthusiastically embraced as a wonderful convenience to make everyday life easier, but who was counting the cost of this “convenience” to us and to the earth? According to Earthday.org, “Virtually every piece of plastic that was ever made still exists in some shape or form (with the exception of the small amount that has been incinerated).”



At Gumbo Limbo, we see the direct effects of single-use plastics in the ocean every day. Most of our sea turtle patients have ingested (or become entangled in) marine debris to some extent. Plastics in the ocean break down over time, into smaller and smaller pieces, which are indistinguishable from actual food items to sea turtles. Sadly, it is the hatchlings that seem to be the most vulnerable to this threat. Tiny bits of plastic get tangled in the seaweed where they feed, and they are just as likely to get a bite of plastic as a bite of shrimp or crab.

So, let’s get out there and make a difference wherever we can! Join us September 18 or set up your own group cleanup. Registration for the ICC in Boca Raton begins on September 1. Participation is limited to the first 150 people who sign up. Please see our website for more details.

For up-to-date information on marine debris and plastic pollution, Ocean Conservancy, NOAA, and earthday.org provide current marine debris data and advice to consumers so you can reduce your “plastic footprint”.

Lastly, we extend our thanks to those vigilant trash pickers who have done their best during the long months of closures and social distancing to keep marine debris at bay on Boca’s beaches. Help is on the way!

*By Susan Elliott, Environmental Program Coordinator*

## Blue Tangs

The blue tang (*Acanthurus coeruleus*) is commonly seen in South Florida waters. They can be found north as far as New York and south all the way to Brazil in the Western Atlantic Ocean and Gulf of Mexico.

Adult blue tangs, as their name suggests, are bright blue in color and are often seen sporting horizontal blue stripes and electric blue trim colors. Did you know that juvenile blue tangs are bright yellow?! As the fish get older, the yellow gradually turns to blue. Its tail will be the final body part to change from bright yellow to blue.



While not an aggressive species, people should be careful if a blue tang needs to be handled. Tangs have a sharp spine hidden at the base of the tail. When threatened or touched, the tang will flick its tail back and forth exposing the sharp spines toward whatever is threatening it.

Blue tangs are important to our oceans. They eat algae off the reefs helping to keep the algae in check and provide surfaces for the corals to grow. Occasionally blue tangs can be seen at cleaning stations cleaning algae off fish and other marine life like sea turtles.

Stop by the coral reef tank at Gumbo Limbo on your next visit and check out a blue tang in person!

*By Keith Herman, Senior Aquarist*

# Parks for Pollinators BioBlitz!

## Part of STEAM through September

All month long, the City of Boca Raton is celebrating STEAM through September 2021, with science, technology, engineering, arts, and math themed programs and exhibits to help inspire and challenge your future scientist! September is also the National Parks and Recreation Association's Parks for Pollinators Month; a month where parks and recreation departments around the country collaborate in a massive citizen science program to support local pollinator populations.



It only felt natural that Gumbo Limbo Nature Center should combine the two celebratory months to create a city-wide Parks for Pollinators BioBlitz! Using any smartphone or smart device, YOU can become a scientist. Create an account with iNaturalist and join our project. Download the iNaturalist app (or Seek by iNaturalist which is a child-friendly version of the same app). Using the app, you can photograph any bee, bug, butterfly, or flowering plant. The app identifies the species for you and shares cool pictures and information. It will also upload your photo log to a national database where environmental scientists confirm species identifications and help develop population maps of important pollinators and the plants they rely on.

Though often quite small, pollinators have a huge impact on community health. They ensure we have food to eat and can combat invasive species that can throw ecosystems into disarray. The data developed by Parks for Pollinators helps drive smart and targeted environmental policy aimed at protecting native pollinator species. From which plots of land to protect, to how we landscape street medians, cities like ours rely on this data to make informed decisions.

We want you to get involved! Tell your family, tell your friends! There's a pollinator crisis on our hands and you can help by taking a walk through your neighborhood. Really, it's that easy. Take pictures of interesting bugs and flowers from your backyard, neighborhood, or local park. All data collected in the month of September will be included in the BioBlitz report. Check out [Gumbo Limbo's team page](#) for more information!



*By Cory Keester-O'Mills, Exhibits Coordinator and Christie Collins, Science Educator*



The City of Boca Raton Recreation Services Department is excited to announce the fifth annual **STEAM through September** city-wide scavenger hunt! Children (ages 5-12) are invited to explore the STEAM programs offered during the entire month of September. This joint event celebrates the amazing programs and exhibits at the Children's Science Explorium, the Boca Raton Public Library, and Gumbo Limbo Nature Center.

Swing by any participating location to pick up a STEAM through September Passport that lists challenges and opportunities for your young explorers to make the most of our fabulous city! For every completed challenge, you earn a stamp; collect all five stamps to win a goodie bag of swag from all three facilities. Happy hunting!

# September and October Nature Programs

Advanced reservations are required; see our website. Please note, programs are subject to cancellation due to inclement weather or minimum registration. Refunds given only if program is cancelled by Gumbo Limbo.

## Golden Hour Guided Tours

Gumbo Limbo is open and back in full swing, but here is a tip for missing some of the happy crowds - Join us for an after-hours tour through Gumbo Limbo's Sea Turtle Rehabilitation Facility and outdoor aquariums, open-air butterfly garden, Ashley Nature Trail, and ending with breathtaking sunset views of the Intracoastal Waterway from the beach by our Seminole Chiki. Parts of the tour take place on a mulched trail, please call if you have accessibility questions.

- Ages 7-adult; children under 18 must sign-up and participate with a registered adult.
- Tuesdays, Thursdays, and Fridays; September 7, 9, 10, 21, 23, 24 and October 5, 7, 8, 19, 21, 22; 6:30-8:00 pm
- Cost per person: City of Boca Raton Resident/Friends of Gumbo Limbo \$10; Non-resident/Non-member \$13

## Halloween in the Garden

Halloween fun for the young (and young at heart!). Join us for outdoor crafts, games, and more, have your picture taken with Luna, our sea turtle friend. Wear your coolest costume (please, no swords or pointy props). Carpooling is encouraged as parking is limited; insect repellent suggested.

- Ages 2-6; children under 18 must be accompanied by an adult.
- Sunday, October 24; 4:30 -5:30 pm or 5:30-6:30 pm (register for either time slot)
- Cost per child: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$10; Non-resident/Non-member \$13
- Cost per adult: Free with participating child

## Haunted Hammock

Do you dare take a nighttime stroll through the haunted hammock? Your guide will lead you through the shadowy and mysterious hammock forest along the boardwalk where you'll learn about the nocturnal critters that creep and crawl when no one else is around. But beware, you never know who or what you may meet! This program is meant to be a little scary with some frights along the way, please keep this in mind when registering children. Please no flashlights or cell phone use during program. Carpooling is encouraged as parking is limited; insect repellent suggested.

- Adults and children ages 7 and up; children under 18 must be accompanied by a registered adult.
- Date and Time: Saturday, October 30, times TBD (evening)
- Cost per person: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$10; Non-resident/Non-member \$13

## The International Coastal Cleanup

Come out to Spanish River Park to help remove marine debris from the beach and intracoastal mangrove environments. This worldwide cleanup effort not only takes trash out of the environment, but it also provides valuable data to Ocean Conservancy to help them understand how to combat world trash issues. Using an app on your cellphone, keep track and report what you and your group removed from the beach. Free tee shirts while supplies last!

- Groups must call (561) 544-8606 to register; all others register [online](#). Pre-registration is required for this event and begins September 1. Space is limited.
- All ages: children under 18 must participate with a registered adult.
- Saturday, September 18, 8:00-11:00 am

## Intracoastal Adventures – Kayaking

Beautiful scenery, fresh air, and exercise! Explore the Intracoastal shores and mangrove trails, while learning about the fascinating mangrove and estuary ecosystems of South Florida. Must have kayaking experience and be able to get in and out of a kayak without assistance. Single/double kayaks will be assigned to couples/groups as available.

- Ages 7-adult; children under 18 must sign-up and participate with a registered adult.
- Saturday, September 4, 9:00-10:30 am; Sunday, September 26, 10:00-11:30 am; Sunday, October 3, 9:00-10:30 am; Saturday, October 23, 12:00-1:30 pm
- Cost per person: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$20; Non-resident/Non-member \$25

## Intracoastal Adventures – Canoeing

Beautiful scenery, fresh air, and exercise! Explore the Intracoastal shores and mangrove trails, while learning about the fascinating mangrove and estuary ecosystems of South Florida. Must have canoeing experience and be able to get in and out of a canoe without assistance. 2-3 per canoe, single paddlers will be paired with staff or another participant.

- Ages 7-adult; children under 18 must sign-up and participate with a registered adult.
- Saturday, September 11, 2:00-3:30 pm; Sunday, September 19, 9:00-10:30 am; Saturday, October 9, 12:00-1:30 pm; Sunday, October 17, 9:00-10:30 am
- Cost per person: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$20; Non-resident/Non-member \$25

## Little Wonders

Welcome back to in-person programs for our youngest naturalists! This monthly children's program will be held outdoors and will allow you and your child to learn about the wonders of nature together through story times, explorations, and crafts.

- Ages 3-4 with an adult
- Saturdays; September 18, October 16; 10:00-11:00 am
- Cost per child: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$8; Non-resident/Non-member \$10
- Cost per adult: Free (one adult per family please)

## Nature Detectives

Welcome back to in-person programs for our youngest naturalists! This monthly children's program will be held outdoors and will allow you and your child to learn about the wonders of nature together through story times, explorations, and crafts.

- Ages 5-6 with an adult
- Saturdays; September 18, October 16; 12:00-1:00 pm
- Cost per child: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$8; Non-resident/Non-member \$10
- Cost per adult: Free (one adult per family please)

## The Science of Nature

What is the name of the science that studies insects and spiders? What does a dendrologist do? Come find out for yourself! We will explore the science of nature and conduct some scientific experiments and activities of our own. Program for adults and families.

- Ages 7-adult; children under 18 must sign-up and participate with a registered adult.
- Sundays, September 12, October 10; 10:00 -11:00 am
- Cost per person: City of Boca Raton Resident/Friends of Gumbo Limbo Member \$5; Non-resident/Non-member \$8

# September Happenings

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 9:00 am Intracoastal Adventures - Kayaking
5	6 Labor Day Gumbo Limbo is open 9:00 am - 4:00 pm.	7 6:30 pm Golden Hour Tour	8	9 6:30 pm Golden Hour Tour	10 6:30 pm Golden Hour Tour	11 2:00 pm Intracoastal Adventures - Canoeing
12 10:00 am The Science of Nature	13	14	15	16	17	18 8:00 am The International Coastal Cleanup  10:00 am Little Wonders  12:00 pm Nature Detectives
19 9:00 am Intracoastal Adventures - Canoeing	20	21 6:30 pm Golden Hour Tour	22	23 6:30 pm Golden Hour Tour	24 6:30 pm Golden Hour Tour	25
26 10:00 am Intracoastal Adventures - Kayaking	27	28	29	30		

# October Happenings

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
<b>3</b> 9:00 am Intracoastal Adventures - Kayaking	<b>4</b>	<b>5</b> 6:30 pm Golden Hour Tour	<b>6</b>	<b>7</b> 6:30 pm Golden Hour Tour	<b>8</b> 6:30 pm Golden Hour Tour	<b>9</b> 12:00 pm Intracoastal Adventures - Canoeing
<b>10</b> 10:00 am The Science of Nature	<b>11</b> Columbus Day Gumbo Limbo is open 9:00 am - 4:00 pm.	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b> 10:00 am Little Wonders  12:00 pm Nature Detectives
<b>17</b> 9:00 am Intracoastal Adventures - Canoeing	<b>18</b>	<b>19</b> 6:30 pm Golden Hour Tour	<b>20</b>	<b>21</b> 6:30 pm Golden Hour Tour	<b>22</b> 6:30 pm Golden Hour Tour	<b>23</b> 12:00 pm Intracoastal Adventures - Kayaking
<b>24</b> 4:30 pm Halloween in the Garden	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b> Time TBD Haunted Hammock
<b>31</b>						

# New Faces!

Welcome our "new" team members who joined us just prior to, or during our closure.



Meet Andrea Jelaska from Alaska! Andrea joined the Sea Turtle Rehabilitation team back in March 2021. Prior to moving to Florida, Andrea worked as a technician at a small animal clinic in Alaska, but before that she was a naturalist on a whale watching boat! Fun facts: her family is Croatian, and she can read braille! Stop by the sea turtle hospital sometime and say hello to Andrea!

Meet Kassie Rodriguez, our newest environmental educator! Though she began her new position in June 2021, Kassie has been around Gumbo Limbo for some time. She began as a volunteer in 2019 and became a seasonal camp counselor for the summers of 2019 and 2020. She recently completed her bachelor's degree in biological sciences at Florida Atlantic University with an environmental science emphasis. In her spare time, she enjoys hiking, camping, traveling, and spending time with her two beautiful dogs, Bruce and Kiba.



Welcome to Whitney Delanoy! Whitney is our new Visitor Hospitality Representative and the first smiling face you will see when you are visiting Gumbo Limbo. Whitney started with us in July 2021. Prior to joining our team, Whitney worked in account services at the Boca Raton Public Library. She also has a background in teaching and customer service. As a Florida native, she enjoys all thing outdoors: kayaking, gardening, and nature!

Meet Frankie, an Environmental Educator who came on board in March 2020! He is a third-generation resident of Southeast Florida who has enjoyed visiting Gumbo Limbo for as long as he can remember! Frankie recently completed a bachelor's degree in Geography with a focus on environmental science from the University of Florida. He loves to go trail-running, hiking, and often cycles around town for the fun exercise and reduction of his carbon footprint.





*The Marine Turtle Specialist Team (left to right):  
Lisa Esposito, Heather Seaman,  
Kylea Perrin, Lexie Peterson,  
Angela Field, and Adriana Barioli.*

Say hi to Lisa Esposito! She joined the Sea Turtle Conservation team in March 2020 right before Gumbo Limbo closed. Before that, she was a sea turtle rehabilitation volunteer, and she was the summer Sea Turtle Rehabilitation Intern in 2019 here at Gumbo Limbo Nature Center. She is currently in graduate school working towards a master's degree in Biology. In her free time, she enjoys hanging out with friends and exploring new places.

Heather Seaman joined Gumbo Limbo's Sea Turtle Conservation team in January 2021. Heather is a Florida transplant from Michigan, who loves the outdoors, traveling, and playing with her pups. Before joining Gumbo Limbo, Heather completed her master's degree in Marine Science and Oceanography and started her PhD in Integrative Biology with a concentration in Marine Science and Oceanography.

Say hi to Kylea Perrin! She joined the conservation team as a Marine Turtle Specialist. Before joining our team, she worked as a Manatee Master at Manatee Lagoon. When she's not working, she enjoys diving and attending concerts. She hopes to one day live on a sailboat.

Lexie Peterson joined the Marine Turtle Specialist team in May 2021. Originally from Minnesota, she loves the snow and cold but traded it in for sandy beaches and turtles. Before starting at Gumbo Limbo, Lexie completed her master's degree in Marine Environmental Science and worked with sea turtle conservation efforts around Florida. When not hanging with the turtles, she likes to paint and travel.

Meet Angela Field! She was born and raised in South Florida and has visited Gumbo Limbo since she was a toddler, and has been working here as a Marine Turtle Specialist since February 2021. Angela got her master's degree in Biology with a thesis focusing on the hatching behaviors of loggerhead turtles. During her free time, Angela likes to dive, paint, garden, and play with her cats.

Meet Adriana Barioli! Adriana joined our sea turtle conservation team in June 2021, after being a volunteer for three years. Before officially joining the team as a Marine Turtle Specialist, Adriana was working as a personal banker. She happily traded her desk job for a life with the turtles! In her spare time, she enjoys snorkeling, hiking, and scuba diving.

# Friends of Gumbo Limbo



## Coastal Stewardship

Help to advocate and advance the conservation of our coastal and marine environment to create a secure future for generations to come. [Become a Coastal Steward](#) and join our special team of supporters dedicated to advancing our mission of protecting nature from the reefs to the mangroves.

## Adopt A Turtle

It can be tough to find the perfect gift... but look no further! Consider giving the gift of charity to those you care about. Hatchling or resident sea turtle "adoptions" available at [GumboLimbo.org/Adopt](#).

## Pave the Way

An engraved paver at Gumbo Limbo is a personalized way to show your support for our mission. Find out how you can help pave the way at [GumboLimbo.org/Pave-The-Way](#).

## The Gumbo Limbo Gift Shop

Friends of Gumbo Limbo has worked hard at a complete overhaul of our store, with a strong focus on sustainable and recycled products. The Gift Stop is now open for in-person shopping Tuesday - Sunday, 9:00 am - 4:00 pm (closed on Mondays). We're thrilled to announce our new online store, where you can shop from the safety of your own home while still supporting Gumbo Limbo! [ShopGumboLimbo.org](#).

**SHOP NOW!**

Buy your favorite Gumbo Limbo gear online and support marine and coastal conservation!

100% of net proceeds go directly to support the operation of Gumbo Limbo Nature Center

[ShopGumboLimbo.org](#)

## Get Social With Us!

[#LoveGumboLimbo](#)



**Facebook**

[Gumbo Limbo Nature Center, Inc](#)



**Instagram**

[gumbolimbonaturecenter](#)



**Twitter**

[@GumboLimboNC](#)

**#LoveBocaRaton**

[Boca Raton Recreation](#)  
[City of Boca Raton Government](#)



**YouTube**

[Gumbo Limbo Nature Center](#)

# Gumbo Limbo Nature Center

## NEW Hours of Operation

Nature Center, Sea Turtle Rehabilitation, and Aquariums  
Tuesday - Sunday, 9:00 am - 4:00 pm · Monday, 12:00 pm - 4:00 pm  
The Gift Shop is closed on Monday.

The Boardwalk is open 7:30 am - sunset with access from the Red Reef Park West parking lot.

General Information (561) 544-8605 · Volunteer (561) 544-8538  
Friends of Gumbo Limbo (561) 544-8608 · Gift Shop (561) 544-8610  
1801 North Ocean Boulevard, Boca Raton, Florida 33431  
[gumbolimbo.org](http://gumbolimbo.org)

Suggested donation of \$5 per person. Your donations go to [Gumbo Limbo Nature Center, Inc.](http://Gumbo Limbo Nature Center, Inc.) to support Gumbo Limbo Nature Center, including, but not limited to, feeding the animals, purchasing supplies and services for the Sea Turtle Rehabilitation Program, and creating exhibits.

## City of Boca Raton Recreation Services Staff

### Administration & Operations

Recreation Services Director - Michael Kalvort, CPRE  
Gumbo Limbo Manager - Leanne Welch  
Secretary - Kristin Child  
Volunteer Coordinator - Rebecca Germany  
Visitor Hospitality Representative - Whitney Delanoy

### Aquarium

Senior Aquarist - Keith Herman  
Aquarist - Bryan Danson

### Education

Environmental Program Coordinator - Susan Elliott  
Science Educator - Christie Collins  
Science Educator - Alyssa Saldarriaga  
Environmental Educator - Frankie Gorora  
Environmental Educator - Kassie Rodriguez

### Exhibits

Exhibits Coordinator - Cory Keester-O'Mills  
Exhibits Intern - Winston Miller

### Facilities Maintenance

Maintenance Supervisor III - Reed Benardo  
Custodian - Kevin Addison  
Groundskeeper - Cary Boudreau

### Sea Turtle Conservation

Sea Turtle Conservation Coordinator - David Anderson  
Marine Turtle Specialists - Adriana Barioli, Lisa Esposito,  
Angela Field, Kylea Perrin, Lexie Peterson, Heather Seaman

### Sea Turtle Rehabilitation

Sea Turtle Rehabilitation Coordinator - Whitney Crowder  
Sea Turtle Rehabilitation Assistant - Caitlin Boverly  
Sea Turtle Rehabilitation Assistant - Emily Mirowski  
Sea Turtle Rehabilitation Technician - Andrea Jelaska

## Gumbo Limbo Nature Center, Inc.

### Staff

Executive Director - John Holloway  
Business Manager - Pam Mulcahy  
Operations Coordinator - Lara Howrey  
Retail Operations Coordinator - Jean DeLuca  
Gift Shop Sales Associates - Michelle Dittmeier, Deborah Tolton,  
Michelle Velasco

### Board of Trustees

President - Jim Miller  
Vice President - Manjunath Pendakur  
Secretary - Susan Walker  
Treasurer - Sheila Reinken  
Board Members  
Jose Barrera, Connie Chiarra, Alex Lolavar  
Robyn Morigerato, Keith Rizzardi, Andrew Rubin  
Matthew Thompson, Darlene Ward

