



# 2018 Schedule



	Lodge	Lagoon	Treehouse	Cave	Mural
9:00-9:15	Doors open 8:30am Sign-In Zoo Teen Welcome				
9:15-9:55	Keynote – Kamilah Martin				
10:00-10:35	Bringing Native Bees Home	ROS: Oyster Gardening	Hope for the Future	MRRP	You, the 3 R's, & GHG
10:45-11:20		ROS: Oyster Gardening		MRRP	You, the 3 R's, & GHG
11:30-12:25	Career Panel				Youth Panel
12:30-1:25	<b>LUNCH</b>				
	Lodge	Lagoon	Treehouse	Cave	Mural
1:35-2:10	Satellites, Wildlife, & Climate	Otter Spotter	STHC	Bats: Myth & Reality	Heart of the Watershed
2:20-2:55	Satellites, Wildlife, & Climate		STHC		
3:05-3:40	North Atlantic Right Whales	Otter Spotter	Seasons of Change	Sustainability	Heart of the Watershed
3:50-4:25	North Atlantic Right Whales			Sustainability	
4:30-5:00	Closing Remarks/Project Sharing (Lodge)				
5:00	Group Photo!				

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# Workshop Descriptions

**KEYNOTE SPEAKER: Kamilah Martin** – For the past decade, Kamilah has happily worked in the worlds of education, youth development, philanthropy, and conservation. In her professional life she currently serves as the National Director for the Jane Goodall Institute’s youth humanitarian program, Roots & Shoots, and has worked to empower young people from Canada to Costa Rica to the United Nations and beyond to see their role in making a difference every day. In her personal life, she and her husband are the founders of Many Shades Club—a book of the month delivery program with the goal of spreading compassion, acceptance, and changing the world one book at a time. She considers her life a personal journey to help #RaiseGoodHumans, whether it’s her two AWESOME kids or the other young people that she has the honor of working with (and learning from) on a daily basis.

## MORNING OPTIONS:

**Bringing Native Bees Home: Build a Nest Block (Shari Blisset-Clark & John Clark – Bat Conservancy/Bat Belfrys)** – The work of pollinators touches our lives daily through the food we eat. The 4,000 species of native bees in North America form the most important group of pollinators. Like all wildlife, these bees are affected by changes in our landscapes, particularly the loss of nesting sites. Learn the basics of bee conservation and create a simple bee nesting block made from natural and recycled materials.

**Hope for the Future (Debra McPherson)** – In this art centered workshop, make a mixed media collage, creating a wildlife story to share with others. Create a masterpiece on a canvas that you can take home to raise awareness through art. The butterfly is a symbol of hope. This central image will express our hope for the future of wildlife!

**MRRP: Let’s Build Some Bins (Matt Culver & Carlos Cuevas)** – Monofilament in the environment can cause major entanglement issues for our wildlife! The Brevard County Monofilament Recovery and Recycling Program (MRRP) aims to provide anglers with a place to safely dispose of monofilament line. Learn about our local fishing line recycling program and help build bins that will be placed out along Brevard’s waterways.

**ROS: Oyster Gardening (Kate Brown & Katey Leban – BZ)** – The Restore Our Shores (ROS) Oyster Gardening project involves volunteers growing oysters for upcoming oyster reef restoration inside metal structures called “habitats.” It can take hours of work to complete each habitat. Participants will become citizen scientists, contributing towards the preparation of these habitats and discovering what it means to be an oyster gardener!

**You, the 3 R’s, & GHG (Marcia Booth – Recycle Brevard)** – Reducing, reusing, and recycling in your home helps conserve energy, reducing pollution and greenhouse gas (GHG) emissions. Learn how your actions affect GHG emissions and climate change. Review some tools that will help you make a difference, and realize the impact of your actions. Decorate your own trash trapper to take home!

## MORNING GROUP DISCUSSIONS:

**Career Panel (led by Caleb Phillips, including Kaitlyn D’Angelo, Chelsea Goss, Cassandra Ranson)** – You can be anything! Learn about just a few of the myriad of careers to choose from as an environmentalist. Meet some incredible people with careers in varying fields, and see how these different paths can converge with the goal to protect our planet. Hear the career paths of our panelists, and be given plenty of opportunity to ask questions and share your own insights.

**Youth in Conservation (led by MacKenzy Kologlu, including Delaney Farrell, Ryan Newton, Lillie Newton, & Zachariah Newton)** – Young people around the world are stepping up to teach their communities about environmental conservation and taking action to protect the planet. During this session you’ll hear from peers leading conservation projects and initiatives. You’ll have the opportunity to learn about their efforts, hear their advice for other young conservationists, and know you’re never too young to make a difference.

## AFTERNOON OPTIONS:

**Bats: Myth & Reality (Shari Blisset-Clark & John Clark – Bat Conservancy/Bat Belfrys)** – Using high resolution photography and research, debunk the folklore, myths, and misconceptions that have plagued bats for centuries. Join a live discussion and meet a bat!

**Heart of the Watershed (Jennifer Diaz and Bianca Cassouto – The Everglades Foundation, Inc.)** – Water is the dominant element in the Everglades. It shapes the land, vegetation, and animal life of southern Florida. Build a model landscape to illustrate the uniqueness of the Kissimmee-Lake Okeechobee-Everglades (K-O-E) watershed and use this model to demonstrate how alterations have affected it. Learn about solutions scientists are working on and how you can help.

**North Atlantic Right Whales: Facing Extinction (Julie Albert – MRC)** – In the winter, North Atlantic right whales migrate to FL to give birth to their calves, but this population of <450 individuals has been steadily declining since 2010. Although protected from whaling since 1935, right whales are still in danger from human activities. Learn about the history and biology of these whales, their threats, how to identify them from shore, and why it’s important to report sightings.

**Otter Spotter: Citizen Science and Conservation (Megan Stolen – HUBBS)** – Otters are threatened all over the world by habitat destruction, wildlife trade, and exposure to toxins. Otter Spotter is a project that collects information from the public to gauge otter habitat use and abundance. Become a trained Otter Spotter to take action to protect otters and their habitats. Put your new skills to work with an excursion into the Zoo. You otter sign up to help these cool animals!

**Satellites, Wildlife, and Climate. Oh my! (Cassandra Ranson & Jen Katona)** – Scientists use satellites to monitor daily weather patterns in order to provide the best forecast possible. These images can also be used to monitor long term changes that are occurring in our atmosphere to help distinguish the state of our planet. Consider how our changing climate is affecting wildlife, and find out what you can do to help!

**Sea Turtle Healing Center (STHC) (Melanie Stadler – BZ)** – Take a walk to the back of the Zoo to visit the STHC. Learn just how important rehabilitation is for our native wildlife, as well as some of what our vet staff does to get these animals ready for release. If you’re lucky, you may get the chance to meet one of the Zoo’s current patients.

**Seasons of Change (Chelsea Goss – Florida Wildlife Hospital)** – Wildlife rehab is often on the front lines of seeing how climate change affects native and migrating animal species. With a goal of aiding injured, sick, and orphaned wildlife, the Hospital often sees the direct impacts of environmental changes. From an increase in patients due to more frequent hurricanes, to shifts in migration patterns, climate change is affecting wildlife and human populations more every year. Come learn how the Florida Wildlife Hospital handles these challenges!

**Sustainability in the time of Climate Change (Holly Abeels – UF IFAS Extension)** – With today’s changing climate, what can you do to be sustainable? Learn and develop an action plan towards sustainability in the face of climate change. You CAN make a difference!