

## NEW MARSH WALKWAY OPENS

by Dr. Lenore Tedesco



Plans for a new elevated walkway began almost immediately after destruction of the old wooden walkway during Hurricane Sandy in October 2012. Reconstruction was an opportunity to rethink the possibilities for the walkway and reposition it for improved access to the marsh for both research and education. We set upon a course to build to be better than before!

In 1987, The Wetlands Institute built a 260 foot long wooden walkway in the marsh. The walkway was heavily utilized by education programs including school programs participating in our most popular offering - Wetland Explorations. It was used every day by our docents leading salt marsh tours, and by bird lovers and the public to experience the marsh in ways not otherwise possible. I'm sure many of you experienced the marsh from the walkway! The remains of the old walkway were removed this winter. The marsh is recovering very quickly and it's already hard to see where it used to stand.

The new walkway is a 720 foot long loop with a side spur for better viewing of the front salt panne. The walkway can be accessed from the Salt Marsh Trail by ADA-compliant ramps at two locations from the Institute's nature trail during Institute business hours. It is also stroller-friendly.

The walkway stands 4 feet above the marsh and is 6 feet wide. Aluminum railings line the elevated walkway, ramps, and stairways for safety. Two sets of stairs allow restricted access for Institute personnel leading research and education programs. Research and education stations provide for improved access to the marsh for biological and environmental sampling and hands-on learning opportunities.

The walkway is constructed using state-of-the-art methods, is sustainably built and utilized local contractors and locally sourced material for the vast majority of the project. The walkway utilizes

a steel helical pile construction. More than 90 2 7/8" piles were screwed into the marsh and extend more than 30 feet below the marsh surface. The main walkway structure was locally fabricated and is aluminum. The grated surface is polycarbonate and is specially designed to allow sunlight and rainwater to reach the plants and animals below and reduce the overall impact to the marsh. Since water can flow through this surface, the walkway has a better chance of surviving major flooding events and storms. Because the entire structure is metal with polycarbonate, there is no lift associated with flooding, lessening the likelihood of damage during rising water levels in storms. The entire structure can be recycled – if ever necessary. I sure hope I never have to think about recycling the walkway!

The walkway design and construction was carefully conceived to balance providing access to the marsh for visitors to experience the marsh without impacting the fragile ecosystem. It was also designed to be more resilient to storms and rising sea level. The walkway was designed and positioned following extensive discussions and exploration by our research, conservation, and education teams.

The walkway leaves the Salt Marsh Trail across from the Coastal Heritage Trail starting point and crosses several marsh ecotones. Visitors will be able to walk above many types of salt marsh grasses, get a bird's eye view of tidal channels, cross a mud flat teeming with fiddler crabs and pickleweed, and view birds resting and feeding in the salt pannes. Steps to the marsh surface from the Yoh Family



Education Station will provide students access to the salt marsh and tidal creek for marsh exploration programs. A second set of steps will provide research staff with access to a marsh research station that will help us investigate the effects of sea level rise on local salt marsh health. The walkway ends back on the Salt Marsh Trail near the dock.

*Continued on page 2*

*"To promote appreciation, understanding and stewardship of wetlands and coastal ecosystems through our programs in research, conservation, and education."*

*Founded in 1969 by Herbert Mills, Executive Director of the World Wildlife Fund*

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### Hours:

**From May 2 to October 12:**

Monday through Sunday: 9:30am to 4:30pm  
**June 16 to Labor Day - Special Evening Hours**  
until 8pm Tuesdays, Wednesdays & Thursdays

### General Admission:

Members: *Free*  
Non-members: *\$8 Adults, \$6 Children 3-12*

**Views From the Tower** is the quarterly newsletter of The Wetlands Institute and can also be found on our website.

1075 Stone Harbor Blvd  
Stone Harbor, NJ 08247  
609-368-1211

[wetlandsinstitute.org](http://wetlandsinstitute.org)



*Cover Story Continued...*

Construction was completed over the winter and early spring. The winter construction was designed to cause minimum impact to marsh grasses that are dormant through the winter and to limit disturbance to birds and animals that use the marsh during migration stopovers and for nesting osprey. All work on the marsh required the use of matting to distribute the weight of heavy equipment and prevent rutting. The salt marsh vegetation is growing back very well and should fully recover in the coming weeks. There are two areas with more impact. Institute staff and volunteers will be planting 1,500 plugs of Smooth Cordgrass (*Spartina alterniflora*) in disturbed areas by late-May.

The Wetlands Institute will receive a FEMA disaster assistant grant that will cover approximately 1/3 the cost of the walkway. If you would like to contribute to the new walkway, we are seeking donations.

The opening of the new walkway is a major achievement for The Institute. It is a physical manifestation of our **Capacity Building Initiative** that was launched as part of the Plan for the Future shortly after I arrived. Herbert Mills founded The Wetlands Institute in 1969 to draw attention to the dramatic loss of wetlands and the threats that their loss posed to society. He purchased 6,000 acres of wetlands and changed the history of Stone Harbor and the surrounding area. His dream was to help people understand the importance that wetlands have for our health and well-being. The marsh walkway provides us with the tools we need to study wetlands, to immerse visitors in wetland education programs, and provide unparalleled marsh views for our community – without impacting the fragile ecosystem. Herbert Mills would be proud. Please join us for a tour on the new walkway. It's remarkable!

## MARSH MUSINGS

by Dr. Lenore Tedesco, Executive Director

The marsh has sprung back to life. After a long and cold winter, it's exciting to see the changes that every new day brings. The fresh spring green, with all of the subtle shades, make the marsh a magnificent canvas. Thousands of shorebirds spend parts of their day at The Institute and surrounding marshes. We have learned that migrating, and even resident, shorebirds spend high tide in the marsh both resting and feeding. At low tide, they head off to their favored mud flats or beaches. Whimbrel, Short-billed Dowitchers, Dunlin, Least and Semipalmated Sandpipers, and Semipalmated and Black-bellied Plovers, move in beautifully synchronized waves through the marsh. Willet, Greater Yellowlegs, and Clapper Rails provide the symphony to accompany the undulating waves. Willet and Clapper Rails will nest here. The ospreys are back and six of the nearby platforms have nesting pairs – unfortunately our camera platform was not chosen again this year. We suspect that there are just too many birds in the area and their territoriality makes our platform undesirable because if a pair starts to check it out, they are met with challenges from nearby nesting birds.

Another amazing new arrival on the marsh is hopefully here to stay. Our new elevated marsh walkway stands boldly on the eastern side of the Salt Marsh Trail. The walkway builds on our capacity for mission focused research, education and conservation activities. Our goal was to provide access to the marsh ecosystem with minimal lasting impacting. New programs and research projects are being developed to help everyone see the wonders and beauty of the marsh. New research projects to document the effects of sea level rise on the marsh and on the success of marsh nesting birds will be started this year. Others await funding of critical research equipment and infrastructure improvements.

The new dock is open and we are excited to be back to our summer programming schedule. At the end of May, The Skimmer will dock at the pier for the first time since summer of 2012. It's been a long time and a lot of work to get our dock facilities back. I am so pleased to say that we have built to be better than before. The new dock and walkway are critical pieces of the Plan for the Future Capacity Building Initiative at the Institute. We have made great strides to strengthen the Institute and become a Center of Excellence in Research, Conservation, and Education on coastal and wetland ecosystems. We have so much more to do. Please stop by and see all the changes. Talk with me about how you can be part of the solution. Renew your membership, become a volunteer, or make a donation. We are **making no small plans**. You can be a part of it.

# SUMMER HAPPENINGS

The Wetlands Institute will be open daily from 9:30-4:30pm with extended evening hours and activities until 8:00pm Tuesday-Thursday from June 16 - September 1, 2014! Unless otherwise stated, all activities occur onsite at The Wetlands Institute. Questions? Please call The Wetlands Institute at 609-368-1211.

## Salt Marsh Safari

Starting in Marsh View Hall, watch our award-winning film, Secrets of the Salt Marsh. Then join us for a guided interpretive walk through the wetlands! Together we will travel along the new elevated walkway, down the salt marsh trail and out onto the dock overlooking Scotch Bonnet Creek. To fully experience the marsh, make sure to wear shoes that can get wet and muddy!

Weekdays: 10:00am, 12:00pm, 2:00pm

Weekends: 11:00am and 1:00pm

Free with admission

## Creature Feature

We will highlight a different live animal or group of animals each day! Get up close with terrapins, fish, crabs, sea stars and urchins, mollusks, horseshoe crabs and the animals of Finding Nemo.

Weekdays: 11:15am and 1:15pm

Free with admission

## Catch 'o the Day

Get your feet wet (or wear waders!) as you discover what swims in the back bays. Help us drag a seine net through the water to find crabs, shrimp, fish and more. Activity recommended for ages 8 and up. Younger children are welcome to attend and can assist in removing creatures from the net! **This activity is tide dependent and may not occur during low tide.**

Monday, Wednesday and Friday: 3:15pm

Free with admission

## Aquarium Feeding

Help us feed the fish and octopus, or just watch them gobble down their food. We will open up feeding three times each week so you can see the turtles chasing minnows and the horseshoe crab gobbling shrimp. **Not all animals are fed every day.**

Tuesday and Thursday: 3:15pm

Saturday: 2:15pm

Free with admission

## Totally Turtle Tuesday and Horseshoe Crab-mania Thursday

Tuesday and Thursday nights are bursting with fun as we highlight our favorite reptiles and arthropods. Each week we'll bring you live turtles or horseshoe crabs, the latest terrapin research and horseshoe crab conservation, cool crafts and a special terrapin or horseshoe crab hatchling release.

Tuesday and Thursday: 5:00pm

Free with admission

## Dune and Beach Walk

Everyone likes to visit the beach, but what do you know about the plants and animals that actually live there? Meet at 48th Street and Dune Drive in Avalon for an interpretive walk along the maritime forest and dune trails to learn about the flora and fauna that call this area their home.

Wednesday: 9:00am

Suggested \$3 donation to The Wetlands Institute

## Exploration Point

Bring your beachcombing buckets! Start your week at the beach off right as we explore Stone Harbor Point for awesome seashells, cool birds, fun things that live under the sand, and give a lesson in sand castle building. Meet at the trailhead at 122<sup>nd</sup> Street in Stone Harbor. Activity recommended for children age 3-7 accompanied by a parent.

Monday: 9:30am

Suggested \$3 donation to The Wetlands Institute

## Hooked On Fishing

Need something to do while you're waiting for check-in time on Saturday? Go fishing! We'll teach you how to bait a hook, cast a line, catch the fish and reel it in. We've even got fishing poles and bait!

Saturday: 9:30am

Free with admission

## Seashell Sundays

Starting a shell collection? Can't figure out what that thing is you found on the beach? Bring it in and we'll tell you all about seashells and how to collect them without harming the environment.

Sunday: 10:00am

Free with admission

## Crabbing at the Dock

Drop a line in the water and see what pinches it! We'll provide the bait and handlines... You reel in the blue crabs!

Sunday: 2:15pm

Free with admission

Please check our website calendar for schedule updates!

[wetlandsinstitute.org/events/calendar](http://wetlandsinstitute.org/events/calendar)

## Stone Harbor Bird Sanctuary Tour

Join an educator from The Wetlands Institute and take a guided tour of the Stone Harbor Bird Sanctuary. Learn about the history of the sanctuary, the latest restoration efforts and the local flora and fauna – especially birds! Tours depart from Egret Espy trail, 2nd Avenue Entrance in Stone Harbor.

Sunday: 10:00am (Memorial Day – Labor Day)

Saturday: 10:00am (July - August)

Free to attend

## 39th Jersey Cape Shell Club Show

For almost four decades, the Jersey Cape Shell Club has been taking shell collecting to a new level. See incredible collections of shells from around the world, including shells and shell artwork that will be available for sale.

Friday, August 15 - Sunday, August 17

Shell Show Only Admission: \$3, children under 12 free

Shell Show and Institute Admission: adults \$8, children \$6, members free.

Find us on



# RESEARCH AND CONSERVATION

## Terrapin Barrier Fencing

If you have driven down Stone Harbor Boulevard in the past few weeks, you may have seen volunteers, Institute staff, and county employees working on the terrapin barrier fencing. This fencing prevents female diamondback terrapins from crossing the road, where many are killed each summer. While the fencing is effective at reducing the number of females lost to automobiles, it works best when it is actively maintained.



*Philly Zoo Crew installing a section of barrier fencing.*

This year, with funding from Disney Worldwide Conservation Fund, The Wetlands Institute set a goal of improving and repairing the fence, as well as increasing its effectiveness by reducing the height of vegetation near the tubing. Grass and other vegetation that grow near the fence can form a natural ramp that allows turtles to climb over the tubing and onto the roadways. In addition, the vegetation can push the tubing up off the ground, allowing turtles to pass under the fence.



*Local volunteers, students from Philly Zoo Crew and Middle Township High School, and staff from The Wetlands Institute drive in the final stake of the day, completing a stretch of fencing on Stone Harbor Boulevard.*

To solve these issues, the Institute worked with the Cape May County Road Department to mow the vegetation under and around the fencing on Stone Harbor Boulevard. To replace the large number of stakes lost during the mowing process, Mike Crane's woodshop class at Wildwood High School volunteered their skills, as well as significant time and energy, to manufacture over 500 stakes for the Institute. Nearly 9,000 feet of fencing was then reinstalled and repaired over the course of three work days with the help of more than 50 volunteers.

With all the extra hands, we were able to help the terrapin-friendly folks of Sea Isle City reinstall barrier fencing along Landis Avenue. Volunteers included high school students from Philadelphia Zoo Crew, Middle Township High School and Pilgrim Academy, as well as local volunteers of the Institute. The combined efforts of these volunteers and the students at Wildwood High School have helped ensure that the fencing on Stone Harbor Boulevard is installed and ready for this year's terrapin nesting season. In addition to installing fencing along the roadways, volunteers and staff collected 11 bags of trash from the roadside, preventing litter from entering the marsh.



*A student from Mike Crane's woodshop class at Wildwood High School cuts points on stakes for use installing The Wetlands Institute's terrapin barrier fence.*



*A student from Mike Crane's woodshop class at Wildwood High School preparing stakes to be drilled for use on our fence installation days.*



## 3 Simple Ways to Go Paperless

Paperless newsletters are not only more sustainable but they help reduce our cost so we can allocate more of your gifts to our programs.

- 1: **Email us at** [staff@wetlandsinstitute.org](mailto:staff@wetlandsinstitute.org)
- or 2: **Text** the keyword **PAPERLESS** to 42828
- or 3: **Sign-up at** [wetlandsinstitute.org/about-us/newsletters](http://wetlandsinstitute.org/about-us/newsletters)



# SUMMER PROJECTS

## Research and Conservation Happenings

A winter full of preparation is paying off as ongoing Institute conservation projects are kicking into high gear with the warmer weather. Citizen scientists with our Terrapin Storm Drain Rescue program are currently hitting the streets to rescue hatchling terrapins from local storm drains. This spring, 14 new volunteers joined our effort. On average we rescue about 570 hatchlings every spring! Our monofilament recycling station program is continuing to expand as 9 new receptacles are being installed at popular fishing locations in Stone Harbor with the help of the Stone Harbor Public Works Department. Be sure to look for and to use the new receptacles located at 81st Street marina and boat ramp, 83rd street fishing pier, 104th Street bridge, 109th Street bay bulkhead, 110th Street bay bulkhead, and 114th Street beach.



On the opposite side of our peninsula, Institute staff and volunteers are actively working to help monitor the Delaware Bay population of Horseshoe Crabs during twelve spawning surveys and three tagging and resighting events. The number of crabs that become stranded on our beaches due to wave action, natural barriers, or manmade hazards are also being evaluated through our reTURN the Favor program. Staff and volunteers are currently out recording the number of stranded Horseshoe Crabs they save on Bay beaches.



We are still looking for volunteers to help out on several projects this summer and beyond. New avian research projects will include having volunteers documenting the species of birds utilizing the Institute. We can use help monitoring the salt marsh trail and grounds for nesting female terrapins, and we really need help helping to maintain the barrier fencing along Stone Harbor Boulevard. If you have some time and want to join us, check out the Institute website for more information.

## Summer Internships

The return of summer weather to the marsh marks the arrival of our undergraduate interns! Soon enough, this ambitious group will be busy leading public education programs, attending outreach events, conducting research and conservation projects, and enjoying life at The Wetlands Institute.

Please join us in welcoming them to the Coastal Conservation Research Program:

- Kathryn Goplerud, from the University of Wisconsin – Stevens Point
- Mary Jo Monk, from the University of North Florida
- Kelly Pittenger, from Colgate University
- Mollie Nugent, from State University of New York, Syracuse
- Jilena Yeager, from the Richard Stockton College of New Jersey, who will be returning this summer as *Lead CCRP Intern*

And to the Environmental Education Intern Program:

- Celina Daddario, from Albright College
- Gabrielle Hubbard, from Coastal Carolina University
- Rachel Landman, from Hamilton College
- Alison Swan, from the University of South Carolina

- Crab Races and Games
- Crabbing Tips and Tricks
- Crab Cake Cook-off
- Crab Cooking Lessons
- Crab Teaching Tank
- Crabbing Tournament
- Crabulous Trivia

# TIDEPOL SHOP

by Joyce Ferguson

Come see what our visitors are talking about! The Tidepool Shop is brimming with new nature related merchandise. Our wide assortment of T-shirts, socks and hats for children and adults are sure to please! We are buying Made in America and local whenever possible including art glass, carvings, delicious jams and honey.

The shelves are filled with assorted guide books, birding and gardening books and topics of local interest. We think we have just what your child or grandchild is looking for – from Folkmanis puppets to fish nets to plush horseshoe crabs to wonderful nature books.

In support of our New Jersey Junior Duck stamp winner we will be selling Junior Duck Stamps this season as well as the Federal Duck Stamp. Look for the new Stone Harbor Museum video and postcards on sale in the shop.

“Your Cents, Makes Sense” gives you the opportunity to donate the change – or part of it – from a Tidepool Shop purchase to support a Wetlands Institute program. Our horseshoe crab conservation program will receive the initial donations.

And the best thing is that your purchase supports the mission of The Wetlands Institute!

Find us on



# AROUND THE MARSH

## 2014 Junior Duck Stamp

What a wonderful accomplishment to win both the 2014 New Jersey Junior Duck Stamp Best of Show and the National Junior Duck Stamp First Place! Congratulations to Si Youn Kim!



### About the Artist

Si Youn Kim lives in Tenafly, New Jersey. She is 16 years old and studies art at Bon Art Studio in Fort Lee, NJ. "When I first saw the picture of a King Eider, the color and the shape grabbed my attention. After my research, I realized that this duck is much more interesting than what I thought. The King Eider is a sea duck which usually lives along the coast of Alaska, along the Peninsula into Canada. They usually eat mollusks and other marine animals while traveling. The interesting fact that I learned was that the King Eider could dive very deep (82 ft.). The coast of Alaska is a very cold place. King Eiders only live around high Arctic and sub-Arctic areas. According to my research, the lowest temperature of Alaska is -80°F and the King Eider is born to survive in that cold.

I have been studying art since I was in elementary school. I was really interested in drawing and making things. I always drew things in my sketchbook by myself without any teachers. After moving to America, I started to learn professional skills from my art teacher who helped me a lot and made me improve. My favorite mediums are acrylic paintings and charcoals. I play piano and violin. I used to be in an orchestra (violinist) and I played piano solos in music concerts. When I was young, I was also on the school swimming team and I got certificates from competitions. I am thinking of studying architecture at either Cornell University, Rhode Island School of Design, or The Cooper Union."

## Marshketeers Tally On

What a long, fun day we had on May 10 - and better yet, it was all in the name of bird conservation!



The Wetlands Institute's World Series of Birding Team, the Marshketeers, set out in the windy pre-dawn hours to begin the day-long search for birds during this annual event, organized by the New Jersey Audubon Society. In the end we tallied 120 species, walked a little over 7 miles, and raised nearly \$5,000 toward avian conservation.

We spotted deep woodland birds at Belleplain State Forest, seabirds in the Delaware Bay, marsh and shorebirds at the Institute and Nummy's Island, beach-nesting birds on Avalon's beaches, and ducks on some freshwater ponds in Cape May. Our bonus bird - the Black-crowned Night-Heron - was first heard at Jake's Landing before dawn and later seen at Nummy's Island.

This year, Lenore Tedesco, our Executive Director, took the reigns as Team Captain from Mike Fleming, the long-time Marshketeer leader who is now enjoying the avian delights of Florida. Lisa Ferguson, TWI Research and Conservation Director, and Diana McFadden, TWI volunteer, rounded out the team. Lisa was the champ at shorebird and seabird identification, while Dianna's incredible ear picked out the woodland birds. Lenore is a practiced spotter of movement.

Team drivers Steve Popowski and Lois Hamilton kept us on course and on track - and, along with some homemade brownies, provided a bit of energy as the day wore on. Burke Motor Group equipped us with a vehicle with an incredible moon roof that allowed us to spot several birds en route between stops.

It was a great day for conservation and some fun birding too! Thanks to all of you who supported and contributed to the team!

### Our 2014 Corporate Sponsors:

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# ON THE WATER

Reservations are required for all "On the Water" activities. Unless otherwise stated, all activities leave from The Wetlands Institute dock.

## Back-Bay Birding and Wildlife Tours

Wildlife Unlimited again offers guided boat tours on board the Skimmer to view wildlife in the back bays of Stone Harbor. A tour highlight is a visit to the Hereford Inlet area. On Wednesday evenings, enjoy wine and cheese as the sun sets. Feel free to bring your own wine (wine only please; no beer or liquor) and the boat captain will serve the cheese. Call 609-884-3100 for reservations.

*Wednesday: 10:00am, 1:30pm, and 6:00pm*

*Thursday: 10:00am and 1:30pm*

*\$28/person (\$15 ages 2-12, free ages 2 and under)*

## Ocean City Back-Bay Birding

Board the Duke o' Fluke for a sunset cruise on the Ocean City back bays. Cruise past endangered skimmers, dozens of osprey, and the area's largest rookery of herons and egrets. This cruise departs from the Bayside Center, located between 5th and 6th Streets, in Ocean City. Call 609-368-1211 for reservations.

*Wednesday: 6:00 - 8:00pm*

*\$25/person (\$15 ages 5-12, free ages 4 and under)*

## Back-Bay Kayaking and Paddle Boarding

Kayaking and paddle boarding have become very popular and afford a unique, up-close experience with the natural world. After a short orientation to paddling techniques by a trained instructor, you'll be off for a guided 2.5-3 hour kayak tour or 1.5 hour paddleboard tour of the coastal marsh ecosystem in a single or tandem kayak or atop a paddleboard. Call 609-368-1211 for reservations.

*Monday: 9:30am (Paddleboard Only)*

*Tuesday and Thursday: 10:00am - 1:00pm (Kayak Only)*

*Friday: 9:30am - 12:30pm (Kayak Only)*

*\$39/person for Paddleboard Tour, \$49/person for Kayak Tour*

## Sunset Kayaking

Explore the marsh as the sun sets on a guided 2-hour paddle in a single or tandem kayak. This is your best chance to see wildlife feeding and birds heading to their roosts. Call 609-368-1211 for reservations.

*Wednesday: 6:00 - 8:00pm*

*Thursday: 6:00 - 8:00pm*

*\$49/person*

## Full Moon Paddling

For six nights only, hop into a kayak as the sun sets and the full moon rises. During this guided 3-hour tour, we'll paddle with lights on for safety beneath the moonlight. No participants under 16 please. No kayaking instruction will be provided. Call 609-368-1211 for reservations.

*June 11, June 12, July 10, July 11, August 8, August 9, and*

*September 8 - 7:00 to 10:00pm*

*\$49/person*

## Ocean City Back-Bay Kayaking and Full Moon Paddling

Join a naturalist for a 2-hour interpretive paddle of the Ocean City back bays. Exploring this area via kayak is a truly unique experience. Kayakers will be able to view osprey platforms and, tide permitting, drag a seine net in search of aquatic life! These tours depart from 316 Bay Avenue in Ocean City. Call 609-368-1211 for reservations.

*Monday: 6:00 - 8:00pm*

*Wednesday: 10:00am - 12:00pm*

*Thursday: 10:00am - 12:00pm and 6:00 - 8:00pm*

*Special Full Moon Dates: June 11, June 12, July 10, July 11,*

*August 8, August 9, and September 8*

*\$45/person*

# SUMMER NATURE PROGRAM

## Summer Nature Programs Are Filling Up Fast!

It's not too late, register today! Programs start the week of June 30, 2014.



Get your children registered so they can have the best week of their life while discovering the New Jersey Shore in a fun and hands-on way! Kids will engage in science experimentation and exploration, play games, go on field trips, explore the beach, create arts and crafts, and much more all while enjoying new themes each week: Forces of Nature, Eco-Trails and Treasures, Fins, Scales and Tails, "Thar She Blows!", See Life at the Seashore, All Hands on Deck! and Bugs, Bats and Butterflies, Oh My!

For children ages 5-13, programs are held weekly from June 30 – August 11, 2014 and include field trips, beach days and exclusive activities. Children age 4 can enjoy special programs during the weeks of July 14, July 28 and August 11, 2014.

For complete details, including theme descriptions, pricing and registration information, please visit our website at [wetlandsinstitute.org](http://wetlandsinstitute.org) or call (609) 368-1211.

Find us on





1075 Stone Harbor Blvd.  
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or Current resident



A not-for-profit education and research organization studying, preserving and protecting wetlands and coastal ecosystems

Save the Date!



**SATURDAY AUGUST 2, 6PM**

Don't miss our biggest event of the year! Incredible food by the Washington Inn, cocktails and wines, silent auction and live auction featuring unique items. Tickets \$100 and up. To purchase tickets, call or visit our website at [wetlandsinstitute.org](http://wetlandsinstitute.org)



## 50/50 Raffle

Win up to \$12,000\*  
(or 50% of proceeds)

**Drawing: August 2, 2014 at 8:30pm**  
**Only 240 available - Get yours today!**

Call or complete and mail or fax this coupon.  
We will mail your ticket back via First Class Mail.

phone: 609.368.1211 fax: 609.368.3871

Mail to: The Wetlands Institute

1075 Stone Harbor Blvd, Stone Harbor, NJ 08247

How many tickets? \_\_\_\_\_ @ \$100 each

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\*\$12,000 if all 240 tickets are sold. No substitution of the offered prize may be made. Winner does not need to be present to win.