



UPCOMING EVENTS:

July 30th:

Life on the Edge
Orientation

August 3rd:

“Creature Feature:
Mysterious Mollusks”

August 12th:

“Canoeing Batsto Lake”

August 15th:

Nine Innings for Nature,
Lakewood BlueClaws
Game start 5:05pm

August 18th:

United States Coast Guard
Auxiliary Open House

August 18th:

Butterfly Bonanza

September 18th:

Field Station Open House

HIGHLIGHTS

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Learn more about the Reserve on our website:
<http://jcnerr.org/>

Keep an eye on our website - Soon to come online Archived Articles of JC NEWS!

JC NERR in JULY

Salutations Volunteers!

As we all have noticed July has brought with it intense heat waves, thunderstorms, and I am proud to announce a massive amount of volunteer effort!

Success has once again been achieved with the Coastal Center's Public Programs and Creature Features. One of the highlight events was the July 7th Creature Feature, “Critter Catch” where volunteers, Carlton Lee and Betty Lesher helped teach children how to seine off Graveling Point for sea creatures and identified what types of animals live in the bay. The day was water-filled fun for the children involved (and thankfully not too riddled with green heads).

Also this month the Field Station

called on the help of volunteers to assist with their annual Long Term Otter Trawl. It's with great pleasure to announce that this year's otter trawl effort topped last years total combined hours !



Volunteer, Erin Rackovan unloading fish from Otter Trawl into a tank in the wet lab. Picture courtesy of volunteer, Lindsey Dolan.

Thanks to everyone who came out to help collect and sort species and especially to the new faces who showed up for their first time, welcome aboard!

Last but not least, the Life on the Edge Exhibit's call for new volun-

teers has been met with energy and enthusiasm! The Orientation date for all interested in attending is going to be held Friday, July 30th at 10am at the Tucker-ton Seaport, on the third floor of the main building.



Life on the Edge Exhibit located on the third floor of the main building at the Tucker-ton Seaport.

The exhibit will be undergoing changes and renovations in a few short months so those who are joining as volunteer educators will have the unique opportunity to grow as the exhibit grows.

The Reserve is very excited for the new changes to come!

Reserve Current Events

The Field Station has been particularly active with volunteer assistance this July. As mentioned above, the 2010 Otter Trawl week finished with a new record in the total number of 117 combined hours of effort from technicians, interns, and volunteers compared to last years 109 hours.

This past week, volunteers once again stepped up to assist with

one particular Research Internship in Ocean Sciences (RIOS) project.

RIOS intern, Caitlin McGarigal's project focuses on the effectiveness of the motion and pressure sensitive tags used to track summer flounder movement through the bay and is trying to determine at which setting the tags are most accurate in determining

how a fish moves through the water column.

Volunteers assisted with catching



specimens for tagging and with tracking while RUMFS technicians were away conducting research outside of Manhattan in the Hudson. Thanks to all who were able to come out and help the interns!



Deepwater Horizon Explosion and Oil slicked bird along the Gulf Coast shoreline.

“BTUSR consists of heavy duty volunteer divers with EMS skills committed to providing (dial 911) emergency medical support and transport services...and partnering with scientific researchers, concerned citizens, business leaders and other community groups...”



Panoramic over the Fish Factory. Photo courtesy of volunteer, Lindsey Dolan.

A little more on the Gulf

On Thursday, July 15th, BP finally was able to stem the flow of the oil leak—85 days and an estimated 184 million gallons later.

While the leak was capped and watched over the next 48 hrs to see if the well would hold shut, the success was a small step in the long road to recovery. There were concerns that the capped well could potentially blow or create a new leak.

The cap was designed to bottle up oil inside the well, thus keeping it from flowing into the ocean - the oil could then be

captured and piped to ships on the surface (or shut in the event of a hurricane), which was the design plan hoping to be implemented if the cap successfully held, which it has. Again, this is still a temporary fix. If any threat of a leak exists in this new cap, the oil will be re-released to prevent an even bigger oil explosion that could be caused by the new cap.

A relief well is still being drilled to more securely stop the spill. Even when that is complete, beginning a massive clean up of the oil that has already polluted

the waters around the Gulf Coast is estimated to take many, many years to come.

Projects by NOAA to assess and monitor the damage are already being advertised and funded by the scientific community. The closing of the leak is a great first sign of dealing with this environmental disaster, but there are many steps left to take before our waters are clean again. Check out the detailed story: http://news.yahoo.com/s/ap/20100715/ap_on_bi_ge/us_gulf_oil_spill

A New Volunteer Event & Group

As many of you know, JC NERR is excited to grow with new opportunities that are presented to us from organizations in our community.

The Berkeley Township Underwater Search and Rescue Team (BTUSR) recently approached JC NERR with interests in partnering with the like-minded goal of keeping Barnegat Bay Clean.

BTUSR consists of heavy duty volunteer divers with EMS skills

committed to providing (dial 911) emergency medical support and transport services whenever Ocean County suffers from a natural or man-made water disaster. and partnering with scientific researchers, concerned citizens, business leaders and other community groups to protect natural open spaces by surveying the environment for potential hazards.

BTUSR recently had a Shore

Adventure Fair on July 18th to educate youth about opportunities in their area they can get involved in. The JC NERR is planning to act as an exhibitor for BTUSR's next annual Adventure Fair. If you wish to participate or assist BTUSR check our their site at <http://www.btusar.com>.

If there are other organizations or events JC NERR should be participating in, let us know!

Looking Ahead

Education:

August continues with Creature Features and Public Programs.

Orientation:

The Life on the Edge Orientation will be held at 10am on July 30th at the Seaport for all interested in helping as volunteer educators for the exhibit!

Baseball:

Don't forget the Lakewood Blue-Claws game coming up Sunday August 15th! Tickets are \$10 - either cash or check is acceptable and tickets can be mailed to your house, no limit on the number of tickets you wish to purchase! Enjoy the fun and celebrate “9 Innings for Nature” with us!

Till Next Month...

Hope this hot July has been treating you all well and here's looking forward to a less humid August!

- Jen Smith,
Volunteer Coordinator