

Ocean Commotion

Lab, Our Hudson Home, Fourth Floor

Join us in the *Our Hudson Home* lab to learn about ocean acidification. What is the pH scale? How does carbon dioxide affect the ocean's ecosystems, and what can you do to help? Find the answers and more in this hands-on lab. Recommended for ages 7 and up. Sign-up at lab is required.

FEMA Model

Our Hudson Home, Fourth Floor

FEMA is an important organization that deals with disaster relief. In this demonstration, you will see what happens during floods and the role wetlands play in keeping us safe.

Liberty Science Center and Member News

Wildlife Challenge is open until 8:30 pm tonight (Second Floor, outside) weather permitting.

Dream Machine (Third Floor) *Our newest permanent exhibition!*

In this interactive, sensory adventure, you'll use bicycle pumps to produce combinations of colors, sounds, and scents--some pleasant, some unpleasant. Share your photos with us online at #LibertyScienceCenter.

Science Camp at LSC – Summer 2018

PSE&G Court, First Floor

Registration Now Open! Learn more about camp and how to plan a summer full of science fun! Science Camp offers fun, hands-on inquiry-based STEM courses for children entering grades 1 through 8. Members always receive the best rate and sibling discounts are available. For more information, stop by our table in PSE&G Court or visit lsc.org/camp. *Additional questions? Cal 201.253.1380*

Tonight's Member-Only Raffle

- You are automatically entered upon check-in tonight at the Box Office.
- Winners posted in PSE&G Court (First Floor) at 7:35 pm.

Jack Horner's Dino Dig opens on June 30

Experience a paleontological expedition and discover replica fossils of prehistoric creatures buried in 35 tons of sand.

It's a summer of dinosaurs: Our next Member Morning is in Jack Horner's *Dino Dig*, July 14 and 15 (9:00 – 10:00 am) and we're celebrating dinosaurs at our July 26 Member Night.

Thank you for your Membership!



June 28, 2018	
Member Night!	
Exhibits	5:30 – 9:00 pm
Activities	6:00 – 8:30 pm
Shopping	5:30 – 9:00 pm
Café	5:30 – 7:30 pm

Weston Family Lab for Earth and Space Exploration

Second Floor

Experience a 10-minute preview in our stunning new exhibition set in a beautiful glass gallery on the second floor. The lab features *Science on a Sphere*, the brainchild of researchers at NOAA (National Oceanic and Atmospheric Administration). The sphere is a six-foot suspended globe, which turns the space into a dynamic and engaging classroom and uses the latest data from NASA probes such as New Horizons and Juno. The technology allows us to monitor in real time tsunamis, earthquakes, hurricanes, tropical storms, and volcanoes and is an excellent tool for conveying vital information about ocean and atmospheric phenomena to the public. **Check it out tonight!**



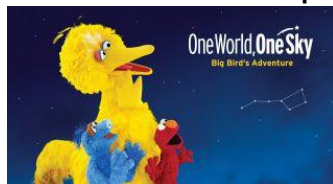
Showtimes: 6:20, 6:50, 7:20, 7:50 and 8:20 pm (approximately 10 minutes)

Free but ticket required. Space is limited. Tickets available at designated table in PSE&G Court, 1st Floor. Latecomers will not be seated.

One World, One Sky: Big Bird's Adventure

Explore the night sky with Bird Bird, Elmo, and a friend from China named Hu Hu Zhu! You'll learn about the Big Dipper, the North Star, the Sun and the Moon. Length: 25 minutes

Time: 6:15 pm

**Wonders of the Night Sky**

See the galaxy as it appears to the naked eye, as well as through the eyes of NASA's robot probes, of the Hubble Space Telescope, and arrays of telescopes from around our planet. Length: 35 minutes

Time: 7:15 pm

To Worlds Beyond: Journey Through the Solar System

Experience an immersive, full-dome movie with an interactive live presentation. Tour the planets of our solar system--travel from the hellacious surface of Venus, to the vast mountains and canyons of Mars, to the spewing methane geysers of Neptune's giant moon Triton. After the film, a live presenter takes over and shows the audience where the planets are in the night sky that very evening. Length: 35 minutes

Time: 8:15 pm

OCEANS: Our Blue Planet

Times: 6:15, 7:00, 7:45 and 8:30 pm

**New Movie!**

Embark on a global odyssey through the largest and least explored habitat on Earth in *Oceans: Our Blue Planet*, narrated by Kate Winslet. Revolutionary ocean science and technology has allowed scientists to go further into the unknown than was ever thought possible. From the coastal shallows to deep and mysterious worlds, discover untold stories of the oceans' most astonishing creatures. The journey into the blue begins at its surface as dolphins leap and slice effortlessly through the water's surface. Length: 22 minutes.

SURE House tours

Welcome Desk, First Floor

Take a walking tour of our SUsustainable and REsilient cottage designed by Stevens Institute of Technology students. Built to withstand a tropical storm then become an energy hub for surrounding residents in the aftermath, this amazing house won the top honors in the 2015 Solar Decathlon competition.

Tours at 6:00, 7:00 and 8:00. Recommended for ages 10+; space is limited. Register 30 min. prior to each tour in PSE&G Court, First Floor.

Rainforest Rescuers

Eat and Be Eaten, Third Floor

6:00 pm Young learners become animal rescuers! Help animals find their way home through the layers of the rainforest. Rescuers will get a visit from some of LSC's live rainforest animals in this hands-on adventure!

We Explore: Liberty Grocery Store

I Explore, Second Floor

Young learners, ages 2-5, can learn to make healthful food choices.

Conservation Catastrophe

Governors Hall, Second Floor

Conserving the environment is essential to protecting wildlife. Play a round of "Kerplunk" to see what happens to the rainforest when we cut down too many trees.

Hudson County Improvement Authority

Governors Hall, Second Floor

Meet volunteers from the Environmental Programs Division and Hudson Transportation Management Association. Learn what HCIA is responsible for and what they do for the residents and businesses of Hudson County.

Rutgers Wildlife Conservation & Management Program

Second Floor

Learn about bat conservation in NJ, and increasing suburban/urban backyard habitat for wildlife. On display will be a bat house, bat guano under a microscope, a board with life-size bat wing outlines representing the biggest and smallest bats in the world, and real taxidermied bat specimens of 3 common species found in NJ. Pick up fact sheets about bat houses, native plants, how to attract butterflies, and creating backyard brush piles.

Beekeeping: The Sweetest Science

Eat and Be Eaten, Third Floor

7:00 pm Experience the world of beekeeping in this interactive presentation. From building a hive to caring for the bees to harvesting honey, a beekeeper's work is never done. You'll understand what it means to be busy as a bee.

Packing Peanut Predicament

Lab, Infection Connection, Third Floor

Have you ever picked up a package packed with piles of packing peanuts? In this experiment, you'll learn the differences between two different types of packing peanuts and their impact on the environment. Recommended age 8+.