

TUESDAY, OCTOBER 21

Join us for **Museum Open House Day** at the North Carolina Museum of Natural Sciences!

Take advantage of learning, exploration, and networking opportunities throughout the day as you enjoy exclusive behind-the-scenes tours, engage in one-on-one conversations with exhibit designers and developers, participate in hands-on experiments with scientists, share new lesson plans with educators, and even test your topical knowledge with science trivia. Museum Day offers something of unique value to all science center professionals! Below are just a few samples of what you can take part in ...

MORNING

Evaluation Highlights: Science Café

(9:30 a.m.-10:15 a.m.)

Hear an overview of findings from the evaluation of the effectiveness and interests of attendees at our weekly Science Café program.

Dinosaurs of the Dawn

(10:00 a.m.)

Visit our unique, three-story presentation space, the Daily Planet Theater, for a look at new dinosaur discoveries with Lindsay Zanno, co-discoverer of *Siats meekerorum*.

Tactile Tour

(10:00-11:30 a.m.)

Learn how the Museum provides hands-on experiences for visitors with low vision and/or cognitive impairments.

Window on Animal Health

(10:00 a.m.-4:00 p.m. on the hour)

Join veterinary staff for amphibian check-ups and collection of samples that are then examined by staff from our Genomics Research Lab.

Museum Exhibits Tour

(11:00 a.m.)

Go behind the curtain of exhibit and digital media shops to explore the latest technologies and techniques involved in anything from video projection and lighting to scientific modeling, virtual world rendering, distance learning, and more.

AFTERNOON

Teen TV

(12:00 p.m.)

Join Museum coordinators and active teen participants for a glimpse into this new program and a studio tour.

Accessible Digital Mapping Demo

(12:00-4:00 p.m.)

Test drive the first app of its kind for museums — an interactive, accessible digital map of the Museum's exhibits.

"Action for Nature" Panel

(1:00 p.m.)

Join Museum Director Dr. Emlyn Koster for a lively, engaging discussion weaving together STEM, environmentalism, and community engagement with a panel comprised of some of the nation's top youth environmentalists.

Solar Viewing

(1:00-3:00 p.m.)

Check out the Green Roof and take a peek through the Museum's 90- mm H-alpha Coronado telescope with the Museum's astronomers.

eMammal: Citizen Science

(4:00 pm)

Join Biodiversity Lab director Roland Kays for a detailed look at his research involving camera trapping surveys of local (and soon international) wildlife.

SPECIAL HIGHLIGHTS

Connect to the Great Barrier Reef

(11:00 a.m.)

From within the Museum's Daily Planet Theater, and without getting wet, you will visit the National Reef Education Centre for the Great Barrier Reef Marine Park Authority, Reef HQ Aquarium. During this underwater fact-finding mission, you will be transported to the Coral Reef and Predator exhibits at Reef HQ Aquarium in Townsville, Australia. You will also learn about the Great Barrier Reef while interacting with a diver submerged beneath the waters during this live videoconference.

Science Comedian Brian Malow

(6:00 p.m.)

Get your geek on! It's an evening of science humor with the Museum's own Brian Malow, Earth's Premier Science Comedian. From the lighter side of helium to the darker side of the moon, Brian celebrates science, dispels misconceptions, and explores the science in everyday life and science fiction films, all to the tune of laughter.

For more info or a full schedule of Museum Day offerings, visit naturalsciences.org/ASTC2014.



THROUGHOUT THE DAY

Lab and Research Collections Tours

From passenger pigeons to megalodon teeth, get a rare and guided look at some of our more than 3 million ornithology, mammalogy, geology, and paleontology research specimens. Or visit one of our three active research labs, from Astronomy to Biodiversity, or four hands-on public labs, specializing in everything from microbiology to computer visualization. Looking for something a little livelier? Meet some of the live animals that qualify this Museum as a mid-size zoo.

World's Largest Dinosaurs: The Science of Size

This exhibition explores the amazing biology of a group of super-sized dinosaurs: the long-necked and long-tailed sauropods, some of which may have reached lengths of 130 feet. The exhibition draws on cutting-edge paleo-biological research to take visitors beyond the bones and into the bodies of these titans, shedding light on how heart rate, respiration, metabolism, and reproduction are linked to size. *Show your ASTC badge at the Box Office for a complimentary ticket.*