

Discovery Under the Dome...



THE PTERANODON

THE STERNBERG MUSEUM OF NATURAL HISTORY
FORT HAYS STATE UNIVERSITY

No. 80

September 2016

September at the Sternberg

Back to School: Adventures and Activities returns on September 6th!

Adventures and Activities is a way for K-5 students to unwind after school with science-themed activities and lessons presented by Museum staff. The program operates from 3:30pm-5:00pm each day. This year we are running the after school program Monday through Friday on days that USD 489 is in session. We will be welcoming our new Adventures and Activities program instructors, FHSU Elementary Education Majors Madison White and Carridy Storer.

We are still offering a free shuttle service from the downtown USD 489 bus depot to make it easier for students to attend without parents having to leave work early to transport them!

Cost is \$4 for members, \$5 for non-members. Slots are limited to 12 students per day. The registration form can be found at <http://sternberg.fhsu.edu/active-learning/afterschool/adventures-and-activities/>

Star Wars Day at the Museum

September 10, 2016

FORT HAYS STATE UNIVERSITY'S STERNBERG MUSEUM OF NATURAL HISTORY PRESENTS

STAR WARS DAY AT THE MUSEUM

COSTUMED CHARACTERS
FROM THE 501ST AND
REBEL LEGIONS

STAR WARS THEMED
PROPS AND ACTIVITIES

FUN AND INTERACTIVE
NATURAL HISTORY DISPLAYS

WEAR YOUR FAVORITE STAR WARS
COSTUME OR ACCESSORIES

SATURDAY, SEPTEMBER 10TH 10:00AM - 4:00PM

ALL STAR WARS DAY ACTIVITIES INCLUDED WITH THE PRICE OF REGULAR MUSEUM ADMISSION

FOR INFORMATION CONTACT: 785-628-4286 • sternberg.fhsu.edu

A logo featuring a pteranodon silhouette and the text 'FORT HAYS STATE UNIVERSITY'S STERNBERG MUSEUM OF NATURAL HISTORY'.

Natural History for Preschool.

September 3rd and 14th, 2016

FORT HAYS STATE UNIVERSITY'S STERNBERG MUSEUM OF NATURAL HISTORY PRESENTS

IT'S SNAKE DAY!

Come meet some of our
snakes & learn some things
about them!

Thursday September 3 & Wednesday September 14
10:00 - 11:00am

\$4 museum members \$5 general public

FOR INFORMATION CONTACT: 785-628-4286 • sternberg.fhsu.edu

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Science Under the Dome

Sternberg supports study of the threatened northern long-eared bat

Curtis Schmidt, Sternberg Zoological Collections Manager, and Dr. Elmer Finck, FHSU Professor and Curator of Mammals are in the second year of a three-year research project studying the northern long-eared bat (*Myotis septentrionalis*) in Kansas. The bat was placed on the federal threatened list in 2015. This project, funded with a State Wildlife grant is a response to White-nose syndrome, a fungal disease that has decimated the northern long-eared bat's populations in the eastern third of Canada and the United States. The objectives are to determine where in the state this species occurs, what specific habitats the bats use, where the bats hibernate, and other aspects of bat life such as diet, parasites, and activity patterns. Information is gathered along regional waterways in the evening when bats come out to feed. A variety of techniques, including mist net trapping, acoustic monitoring, and radio telemetry are used to gather information. Research will continue until November and commence for the final season of research when the bats emerge from hibernation in March 2017. This study documents the bats habitat in Kansas and provides a benchmark for analysis of the bat's health and the spread of White-nose syndrome.

Assisting with research are FHSU Graduate students Mitch Meyer, Angel Sprague, Holly Wilson, Elizabeth Schuman, Adam Rusk and undergraduate assistant Geneva McKown.



Northern long-eared bat



Transmitter attached



Tracking Device

Coming Attractions

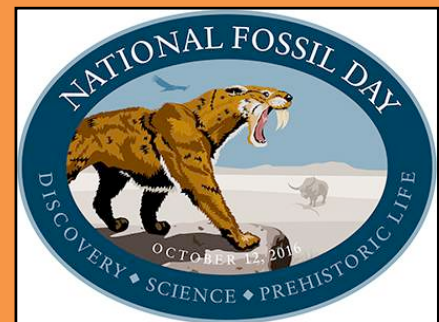
Galápagos - The Exhibit
Oct 8, 2016 through Feb 12, 2017



This exhibition explores the science and sensation of the Galápagos—the “cradle of evolutionary biology.” This remote archipelago inspired Charles Darwin’s theory of natural selection, serves as living laboratory for ongoing scientific research, and became the very first UNESCO World Natural Heritage Site. The Sternberg Museum is honored to host the North American premiere of this exhibit developed by the Zoological Museum, University of Zurich, Switzerland.

National Fossil Day
October 15, 2016 - Free Admission

This year’s National Fossil Day event will showcase fossils from the Pleistocene and explore the plants and animals that lived during the last Ice Age! Mark your calendars and look for updates and schedules in the October newsletter and on social media.



Galapagos Islands and Ecuadorian Cloud Forest

June 3rd – 14th, 2017

10 days, \$5000/person

All participants must be age 21 or older at the time of the trip.

Sternberg Museum of Natural History Director Dr. Reese Barrick will be leading a group to explore the Galapagos Islands this June! This adventure over air, land, and sea will take participants on an incredible journey of wildlife, scenery, and human history, as the group explores these remarkable islands. We will explore the spectacular organisms and ecosystems that played a key role in Charles Darwin's theory of evolution by natural selection! Along the way, we will also sample the regional foods of Ecuador, and enjoy the incredible scenery that will surround our every turn. We look forward to you joining us on what promises to be the adventure of a lifetime!

For more information about joining our 2017 trip to the Galapagos, please contact Education Director David Levering at DAlevering@FHSU.edu.

For more details about our trip to the Galapagos Islands, you can also visit our website: <http://sternberg.fhsu.edu/active-learning/outbound/>

