

## March 2010 Activities

### PROGRAMS AT LONGWAY PLANETARIUM

#### Poetry Under the Stars

**Ages:** All ages

**Date:** March 9

**Time:** 7:00pm

**Cost:** FREE

**Location:** Longway Planetarium

Theme: Rebirth. No matter the language, people from every culture have pondered the night sky in amazement. Poetry taps into a sublime network of emotions and life experiences, often revealing hidden connections.

#### Star Party

**Ages:** Young and Young at heart

**Date:** March 20

**Time:** 8:00pm

**Cost:** FREE

**Location:** Longway Planetarium

Telescope set up begins at 7:30pm. Public is welcome to bring their telescopes. Observing begins at 8:00. Check out the Moon, Venus, Mars and Saturn in more detail than you've ever seen before!

#### Science Skills - Measuring Matter

**Age:** 7 – 9 year olds

**Date:** March 20

**Time:** 10:30am

**Cost:** \$7 per person

**Location:** Longway Planetarium

Practice your science skills! Weigh, measure and compare with several fun, hands-on stations. Use measuring tools and follow the clues to find a hidden treasure, use your foot to make a ruler and compare it to a standard foot. Investigate the volume of liquids as you measure and pour from one container to another. *Dress for mess! Pre-registration required.*

#### Telescope Workshop for New Users

**Age:** Ages 8 and up

**Date:** March 27

**Time:** 9:00am to 11:30am

**Cost:** \$10 individual, \$25 per family (up to 4 people)

**Location:** Longway Planetarium

Find out how to properly use your telescope with this interactive workshop presented by Longway Planetarium Astronomer, Richard Walker. Explore different types of telescopes, eye pieces, Barlow's and calculating magnifications. Discover how to line up the finder scope, what to look at and what you actually see. Also discover useful magazines, charts, books and other publications. *Pre-registration required. Reserve your space early as space is limited.*

### STAR AND LASER SHOWS AT LONGWAY PLANETARIUM

#### Classic Rock Laser Shows

8:00pm      9:00pm

March 26 Dk. Side      Queen

March 27 The Wall      Queen

**Cost:** \$8 both shows, \$5 for one show

#### Location: Longway Planetarium

All the excitement of a live concert with state of the art laser technology, all choreographed to the greatest bands of all-time. This show has been enjoyed by audiences worldwide. *Sponsored by Financial Plus Federal Credit Union.*

#### The Stargazer

**Age:** Ages 10 and older

**Date:** March 6-28, Saturdays and Sundays

**Time:** 2:00pm

**Cost:** \$5 for adults, \$4 for children

**Location:** Longway Planetarium

Come along on a journey to the stars with Astronomer Jim Kaler. The show begins with a child's curiosity, moves on to the science of gravity, light, the spectrum and how they help decipher the lifestyles of the stars, then ends with reflections on the deeper meanings of astronomy in our lives. Narrated by Dr. Kaler and Nichelle Nichols (Chief Communications Officer Uhura from the original Star Trek).

#### What Happened to Pluto

**Age:** Ages 5 and up

**Date:** March 6-28, Saturdays and Sundays

**Time:** 12:30 and 3:30pm

**Cost:** \$5 for adults, \$4 for children

**Location:** Longway Planetarium

Poor Pluto. For almost 80 years it was a Planet. But in August 2006 the International Astronomical Union demoted it to "dwarf planet", and the uproar among astronomers, amateur stargazers and fans of Pluto hasn't stopped yet. *What Happened To Pluto* takes a look at the science and reasoning behind this astronomical controversy.

### EXHIBITS AT BUICK AUTOMOTIVE GALLERY

#### Harnessing Flint's Past

**Age:** General Audience

**Date:** Now – May 17

**Cost:** \$6 adults, \$5 Seniors, \$4 children (3-11)

**Location:** Buick Automotive Gallery

"Harnessing Flint's Past" is a horse-drawn vehicle exhibit featuring six carts and carriages including the Durant-Dort cart, recently back from Shanghai.

### PROGRAMS AT BUICK AUTOMOTIVE GALLERY

#### Car Care for Women!

**Age:** adult women

**Date:** March 18

**Time:** 7:00-9:00pm

**Cost:** \$15.00 per person

**Location:** Buick Gallery

Ever worry about changing a tire on your car? How about an oil change? Wonder if you were overcharged for that brake job last month? This new program (just for women) will teach you the basics of car care and outline standard maintenance. You'll also have a chance to tour the historic Buick Gallery! *Pre-registration required.*

# March 2010 Activities

## EXHIBITS AT SLOAN MUSEUM

### Predators

**Age:** Families  
**Date:** Now – May 2  
**Cost:** \$6 adults, \$5 Seniors, \$4 children (3-11)  
**Location:** Sloan Museum

Do common house cats and the big cats of Africa still have common traits? What is the most dangerous animal in the ocean? Join Sloan Museum as we take you on an adventurous look into the lives of Predators. *Sponsored by Chase and B95.*

### The Sweet Side

**Age:** General Audience  
**Date:** Now – Nov 6  
**Cost:** \$6 adults, \$5 Seniors, \$4 children (3-11)  
**Location:** Sloan Museum

"The Sweet Side" is a display about the history of candy shops, bakeries, and "sweet" shops in Flint. Even adults feel like kids in a candy shop.

## PROGRAMS AT SLOAN MUSEUM

### Carnivore Connection – A Look at Predators

**Guest:** Science Alive  
**Ages:** Families  
**Date:** March 6, 2010  
**Time:** 1:00pm  
**Cost:** \$10 adults, \$8 child, which includes Museum admission  
**Location:** Sloan Museum

Join Science Alive for a hands-on look at some fascinating predators. We'll observe specific adaptations that enable the "meat-eaters" to fulfill their roll in the food chain. Observe teeth, claws, cryptic coloration, diverse hunting techniques, and other physical and behavioral characteristics in this live animal presentation. Expect predatory reptiles, amphibians and mammals! *Sponsored by Chase, B95 and Mr. & Mrs. Dean Yeotis. Pre-registration required.*

**LIVE ANIMALS!**

### Predator Masks

**Ages:** Families  
**Date:** March 13  
**Time:** 1:00 – 2:30pm  
**Cost:** \$10 adults, \$8 child, which includes Museum admission  
**Location:** Sloan Museum

Use a large variety of materials and your imagination to create a mask of your favorite predator to take home. Learn about teeth, claws, camouflage and other adaptations that keep these hunters well fed! *Sponsored by Chase and B95. Pre-registration required.*

### What's for Lunch?

**Guest:** Potter Park Zoo  
**Ages:** Families  
**Date:** March 27  
**Time:** 1:00pm  
**Cost:** \$10 adults, \$8 child  
**Location:** Sloan Museum

It's eat or be eaten in the Wild Kingdom! Learn how animals develop amazing strategies for catching food . . . and how they avoid becoming dinner themselves! Students learn basic concepts about camouflage, stalking techniques, and more. *Sponsored by Chase, B95 and Mr. & Mrs. Dean Yeotis. Pre-registration required.*

**LIVE ANIMALS!**

Funding provided by  CHARLES STEWART MOTT FOUNDATION

**All Annual Pass Holder Club members pay only the program fee, museum admission is waived.**

**For more information, visit [SloanLongway.org](http://SloanLongway.org)**

## REGISTRATION FORM (March 2010)

**QUESTIONS? CALL 810.237.3409**

Name \_\_\_\_\_

Address \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

**Carnivor Connection:** \_\_\_\_\_ # of Adults, \$10 each \_\_\_\_\_ # of Children, \$8 each **TOTAL:** \$ \_\_\_\_\_

**Predator Masks:** \_\_\_\_\_ # of Adults, \$8 each \_\_\_\_\_ # of Children, \$6 each **TOTAL:** \$ \_\_\_\_\_

**Science Skills:** \_\_\_\_\_ # of Adults, \_\_\_\_\_ # of Children, \$7 each **TOTAL:** \$ \_\_\_\_\_

**Telescope Workshop:** \_\_\_\_\_ # of Adults, \_\_\_\_\_ # of Children, \$10 each **TOTAL:** \$ \_\_\_\_\_

**What's for Lunch?:** \_\_\_\_\_ # of Adults, \$10 each \_\_\_\_\_ # of Children, \$8 each **TOTAL:** \$ \_\_\_\_\_

**Car Care for Women:** \_\_\_\_\_ # of Adults, \$15 each **TOTAL:** \$ \_\_\_\_\_

**Book two or more Museum Programs at the same time and receive FREE Museum admission after the first program. All Programs must be booked at the same time. Full payment must be included with registration form. Registration fees are non-refundable. Please make checks payable to: Sloan\*Longway  
 Mail to: Longway Planetarium, 1310 E. Kearsley St. Flint, MI 48503 Attn: Pam**