



# SLOANLONGWAY

Museum, Planetarium & Automotive Gallery

## Upcoming Exhibits at Sloan Museum

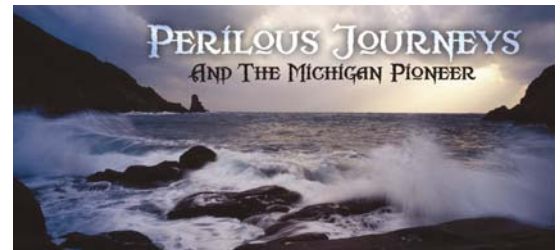


### **Building America's Canals** *October 17, 2009—January 10, 2010*

"Building America's Canals" is a traveling exhibit from the National Canal Museum. The exhibit blends history and science content through contextualized hands-on activities that place the student in the role of a canal engineer. Each activity bench is accompanied by interpretive graphics that provide important historical information about canal engineering. Students can explore the science behind suspension bridges and build their own canal aqueduct. They can experiment with different types of cranes or make their own. Students will discover the most efficient route for their canals. They will build an aqueduct supported by a masonry arch and learn to build and operate a lock.

### **Perilous Journeys and the Michigan Pioneer** *October 17, 2009—January 10, 2010*

Join the Sloan Museum on a journey through a time when "Michigan Fever" gripped the United States. Using the Erie Canal as a starting point, families and whole communities picked up stakes and moved west. Cheap land prices and the desire for a new life led these pioneers to risk the unknown and settle in Michigan. Listen to the voices of the travelers as you navigate the treacherous waters of Lake Erie and later drive your team of horses through the mud and forest. Home was a plot of land and a lot of work!



### **Predators** *January 23<sup>rd</sup> 2010 – May 2<sup>nd</sup> 2010*

Predators is an engaging, yet educational hands-on exhibit offering insight into the lives of some of the most dangerous animals on land, sea, and in the sky. Participants will be challenged through a variety of interactive exhibits to synthesize their learning by comparing and contrasting animals. Sponsored by Chase & B95.

Updated 12/1/09-CJ

**For more information on these and other exciting activities, visit [SloanLongway.org](http://SloanLongway.org).**

## **From Here to There** *May 15 —September 6, 2010*

Trains, planes, boats, automobiles, and many other modes of transportation were designed over the ages to convey travelers ever more rapidly from point "A" to point "B." Explore the science behind different methods of locomotion. Lift, launch and levitate as you experiment with hands-on exhibits that make learning about gravity, friction, and the laws of motion fun. Visitors can turn up the heat to launch a colorful hot air balloon, and adjust wind speed to form fabric into an airfoil.



## **Grossology** *September 18, 2010—January 2, 2011*



Sometimes it's stinky, sometimes it's crusty and sometimes it's slimy. Why does your body produce mushy, oozy, crusty, scaly, stinky things that many people think are gross? Find out in this colorful exhibit. It's interactive, challenging and just plain fun.

## **CSI: Crime Scene Insects** *January 29—May 2011*

See actual examples of what crime scene investigators study when insects are present at a crime scene (bugs are referred to as the "cleanup crew"). Visitors will see live fly hatchery, as well as live beetle, termite, centipede, millipede and mite displays, all of which play a role in the decomposition process and provide valuable information to investigators.





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## Exciting Exhibits at Buick Automotive Gallery



### **Harnessing Flint's Past** *Now— May 17, 10*

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

### 1951 XP-300

The XP-300 was the brainchild of Charles Chayne, GM's vice president in charge of engineering. Its name is derived from the name "experimental" (XP) and the fact that it is powered by a 300 hp supercharged V8 engine. Chayne reported that he attained a top speed of 140 miles per hour in the car.

The exterior of the car is typical of the "long and low" style that many GM stylists promoted in the 1950s. Over 16 feet in length, the XP-300 has only 6 ½ inches of ground clearance. The body panels are made of heat-treated aluminum, which reduces the overall weight of the car to 3,100 pounds. The body and frame structure are welded into a solid unit. Wide brake drums allow for a double set of brakes.

Donated by Buick Motor Division, GMC.



### 1954 Buick Wildcat II



The radical fender design of the Wildcat II makes it one of the most attractive of the General Motors concept vehicles. The Wildcat II, like the 1953 Wildcat I and the Chevrolet Corvette, reflect GM's interest in developing small, powerful cars with lightweight fiberglass bodies. Four carburetors develop 220 horsepower from its 322 cubic inch engine.

Though Buick stayed out of the two seat roadster business until the development of the Reatta, elements of Wildcat II's front bumper and rear chrome taillights did appear on later models.

Donated by General Motors Corporation.

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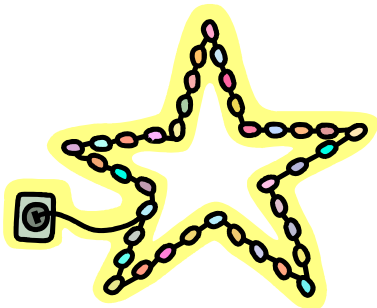
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## Shows at Longway Planetarium

### **George and Oatmeal Save Santa Dec 5-20**

**Saturday & Sunday at 2:00pm** Laser beams and your favorite holiday music combine for a fun and festive experience for all. This program gives new meaning to the term “Holiday Lights”.  
*All Ages.*

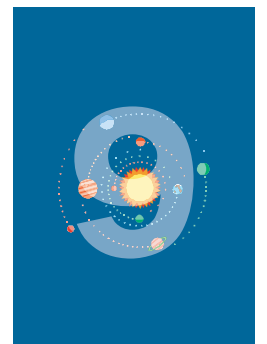


### **Holiday Magic Laser Light Show Dec 5-20**

**Saturday & Sunday at 12:30** Santa forgot his star map and now he’s lost. Join George and Oatmeal as they rescue Santa, learn how to find the North Star and hear stories from around the world. *Ages 4-6 years old.*

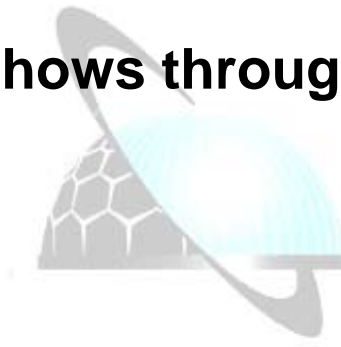
### **9 Planets and Counting Dec 5-20**

**Saturday & Sunday at 3:30pm** How many planets are there? This program includes a look at the Moon, planets and constellations of the current night sky.  
*Ages 10 and up.*



For more information on these and other exciting activities, visit [SloanLongway.org](http://SloanLongway.org).

## Other shows throughout 2009



### Digital Amusement Park Dec 26 –30

**Daily 12:30pm and 3:30pm** In this internationally award winning special effects show you will experience virtual reality type amusement park rides including a Ferris wheel, scrambler, and several roller coasters *All Ages*.



### Brief Mystery of Time Dec 26 –30

**Daily 2:00pm** What is time? This high energy planetarium laser show delves into the question, demonstrating how the movement of astrological objects has shaped our units of time measurement. *All Ages*.

## Programs at Longway

- December 28—**Geology Gems** Start your own collection while investigating how sedimentary, igneous, and metamorphic rocks are formed.
- December 29—**Sorting** Use a variety of tools, including sieves, strainers and magnets to sort objects into groups while investigating the physical properties of objects.
- Dec. 28 – 30—**Winter Break Camp at Longway** Experiment with physical and chemical changes while getting an introduction to the periodic table of elements. This camp will offer a wide variety of some of our favorite science activities.

For more information on these and other exciting activities, visit [SloanLongway.org](http://SloanLongway.org).



# SLOAN\*LONGWAY

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## Upcoming Events at Sloan Museum

### **38th Annual Sloan Auto Fair** *June 26 & 27, 2010*

The Sloan Auto Fair is an annual tradition for young and old from across the state, exhibiting hundreds of vehicles, more than 75 awards in many categories, and a wide variety of attractions sure to entertain and please everyone in attendance. A weekend celebration of motoring excellence and the American lifestyle that it makes possible. This year we literally have something for everyone, horsepower and style, classic and high performance, cars, trucks, motorcycles and this year a power boat display as well. Proceeds from this event support Sloan Museum's efforts to restore and preserve historic automobiles. Visit [SloanAutoFair.com](http://SloanAutoFair.com) for more details.



### **Golden Memories Auto Show** *September 19, 2010*

A very special event exclusively for original or authentically restored vehicles produced in 1960 or earlier. The Golden Memories Auto Show is sponsored by Friends of Sloan\*Longway, making it free to exhibitors and attendees. This event is non-competitive, so there will be no judging, just a relaxing day with friends and fellow car enthusiasts who love well preserved and restored automobiles. Lottery drawing for the dash plaque vehicle of the 2010 show. Special recognition to vehicles celebrating a 50, 75 and 100 year anniversaries.

### **Fall Color Tour** *September 26, 2010*

Please join us on an Antique, Classic, and Special Interest Fall Color Tour. Join us for a leisurely trip along the rural roads of beautiful Mid-Michigan as we enjoy an unhurried drive through the spectacular autumn beauty of our state. Enjoy the splendid small towns, quaint villages, and proud farms of our region. This wonderful drive is open to anyone with an antique, classic, or special interest automobile that wishes to join us for the day. The tour is a 100 mile, single day event, all on paved roads, and begins at Sloan Museum on the campus of the Flint Cultural Center. We hope to see you.



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