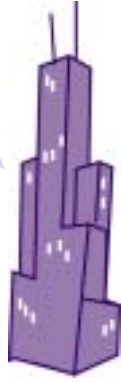


HOLLYWOOD

...Mars has the largest canyon in the solar system? And that it's so large it would reach from Los Angeles to Chicago if it were on Earth?

...a Mars year consists of 687 Earth days?

...if you were an astronaut going to Mars, it would take you 6 months to get there but 1½ years to get back?



How on Earth do we know all this?

We have expert sources and they're willing to share all of their Mars secrets with you.

Take a look inside at our exciting calendar of events!

Exhibit Museum of Natural History
University of Michigan
1109 Geddes Avenue
Ann Arbor, MI 48109-1079
Mon-Sat 9-5, Sun 12-5
(734) 764-0478
www.journeytomars.org



Non-Profit Organization
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Ann Arbor, MI
Permit No. 144

Join us on our journey!

The Exhibit Museum

Goes to Mars!



Featuring *out-of-this world* events and activities suitable for *ages one to one hundred!*



Did You Know That...

...the planet Mars is not really red?

It's actually "butterscotch" in color.



...Mars has two moons and those moons have names, Deimos and Phobos?

...Mars has volcanoes, sand dunes, polar ice caps, and other features similar to those found on Earth?

...every two years Earth and Mars come closer together?

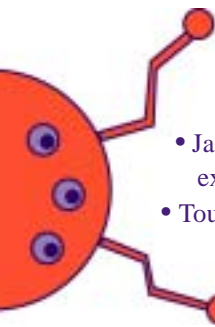


...if you weigh 100 pounds on Earth, you would only weigh 38 pounds on Mars?

JOURNEY TO MARS

January through April 2003





Journey to Mars Discovery Day

Saturday, March 22, 10 am - 4 pm

- Jack Lousma, former NASA astronaut (Skylab, Space Shuttle) recounts his fascinating experiences in space.
- Tour the on-line Mars photo and video archives with NASA's Jim Fitzgerald.
 - Visit a ¼-scale model of a Mars Habitation Module, hosted by The Mars Society.
 - See a "live feed" presentation from the Michigan Mars Rover Team test site in Utah.
 - View displays and participate in activities with UM Aerospace Engineering students.
- View the stars and planets during one of the planetarium shows offered throughout the day.
- Watch informative videos about the Michigan Mars Rover Team.
- And enter a contest to win a family trip in the UM Mars Rover.

WE'RE ALL ON THIS JOURNEY TOGETHER!

With the help of our partner librarians, eleven local libraries (four Ann Arbor branches, Chelsea, Dexter, Manchester, Milan, Salem-South Lyon, Saline, and Ypsilanti) will feature a **winter family reading program** and **free monthly family science workshops** from January through March. Each library, and the Exhibit Museum, will host three workshops facilitated by Exhibit Museum student docents. The workshop topics are: *Rocket to Mars*, *Living on Mars*, and *Explorations of Mars* and each will begin with story time followed by hands-on activities. **Make Alka-Seltzer rockets, design and build a Mars landing craft, test "Martian soil" for signs of life, and make a Mars volcano!** They'll even give you Mars reading lists and a fun list of Mars movies. And soon you'll be the experts on this mysterious red planet. Pre-registration is required for the workshops. Contact the libraries directly or visit the Museum website at www.journeytomars.org or the Ann Arbor District Library website at www.aadl.org for more information.



"Let's Go to Mars" Contest

The Grand Prize - an afternoon trip for a family of four in the UM Mars Rover. The lucky Earthlings will be the guests of the Michigan Mars Rover team for an "Earthly" ride in the Rover, participation in *real* experiments and an interplanetary picnic! **Second Prize** - A Mars Globe. **Three Third Prizes** - Lego Mars Rover kits. **Everyone who enters wins a Mars button** (while supplies last!)

To enter: Pick up an entry form at the UM Exhibit Museum, 1109 Geddes Ave. Answer questions based on what you learn in the Mars exhibits. Drop your entry form in the receptacle in the Museum lobby and pick up a free button in the Museum Store. Winners will be notified by telephone. Drawing will be held on Sunday, April 13, following the Farrand Lecture.

FOR KIDS

"The Mars Show"

Every weekend January 11 - May 11

A planetarium show for 4th grade through adult narrated by Star Trek's Patrick Stewart.

"The Stars of Winter" & "The Stars of Spring"

Planetarium shows about the night sky and where to find Mars.

(Note: Tickets for planetarium shows are \$3 and go on sale in the Museum Store one hour before the show. All other events are free.)

Annual Dino Club Party

Sunday, February 16, 10:30 am - noon

A members-only program for kids featuring Mars activities, a short planetarium show, and other activities, including a live animal demonstration. (If you are not yet a member of this club, now is the best time to join! Call (734) 936-5834 for more information.)

School Spring Break on Mars

Monday, April 21 - Friday, April 25, 1 - 4 pm

"Marsmerizing" afternoon planetarium shows at 1:30, 2:30 and 3:30 pm (\$3) and hands-on activities (FREE) led by Michigan Mars Rover Team members and Exhibit Museum student docents.

FOR ADULTS

Mars 101 - Wednesday, January 29, 7:30 pm

Guest lecturer **Dr. James Gleason** from the UM Department of Geological Sciences discusses exactly what makes planet Mars so unique and interesting.

Mars 102 - Wednesday, February 5, 7:30 pm

What makes Mars exploration a challenge? What kind of research can we do there? The **Michigan Mars Rover Team** from the UM College of Engineering will share their expertise.

Mars 103 - Wednesday, February 12, 7:30 pm

The Evolution of Mars: A Cultural History

Presented by UM Professor of English **Eric Rabkin**. Learn about Mars from a cultural perspective, from Mars, God of War to *War of the Worlds* to today's "NASAfication" of Mars.

ALL AGES

Journey to Mars Discovery Day

Saturday, March 22, 10 am - 4 pm

See left panel for details.

"What's NEXT (NASA Exploration Team) for Mars?"

Sunday April 13, 3 pm, Michigan League, Hussey Room. (Reception follows.)

The annual Farrand Lecture features **Dr. Kathryn Clark**, UM alumna and former Chief Scientist at NASA, who will give us a glimpse of future research and activities surrounding the planet Mars.

*Other than the Farrand Lecture (April 13 at the Michigan League) all events on the Journey to Mars will be held at the Exhibit Museum.

*All events on the Journey to Mars are free to the general public with the exception of the planetarium shows, which are \$3 per person.

Other Museum Offerings January - April:

Rotunda Exhibit on Mars Exploration - Meteor and Asteroid Impacts Exhibit - Space Birthday Parties

Need directions? Visit our website: www.journeytomars.org

Calendar of Events

"The Exhibit Museum Goes to Mars!"

What on Earth are you waiting for? Mark your calendars *today*...January 2003 - April 2003...it's the journey of a lifetime!