A NEWSLETTER FOR MEMBERS AND FRIENDS OF THE NEW DETROIT SCIENCE CENTER

SPRING 2002

Explore The Possibilities

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undays will be more fun than ever when Marshall Field's Sunday FunDays kicks off at The New Detroit Science Center on Mother's Day, May 12. General admission will be FREE on Mother's Day FunDay, with a special, reduced \$2.00 fee for the IMAX® Dome Theatre or **Digital Dome Planetarium.**

Mother's Day FunDay activities will center on motherhood and families. Children can participate in hands-on activities, music and instructional games that teach important lessons about health and nutrition. Science edu-tainment group Mad Science will perform on the DaimlerChrysler Science Stage. There will be storytelling, photo taking, special enter-to-win prizes for moms and much more!

A special Mother's Day brunch will be offered from 10:30 a.m. - 2:30 p.m. for \$19.95 per adult and \$10.95 per child age four-to-10. Children under the age of four are free. Mothers who are members of the Science Center will receive \$2.00 off the price of brunch. Visitors can enjoy gourmet salads, soups, entrées, a make-your-own pasta station and dessert station. Reservations are available on a first come, first serve basis by calling 313.577.8400, ext. 471.

GET READY TO BLAST OFF!

SPACE STATION LANDS AT THE IMAX® DOME THEATRE MAY 11

...2...1...blast off! Get ready to take an incredible journey to the International Space Station when Space Station lands at

The New Detroit Science Center's IMAX® Dome Theatre on Saturday, May 11.

Narrated by multi-Academy Award[®] nominee Tom Cruise, Space Station is the first cinematic journey to the International Space Station. The giant-screen film documents one of the most challenging engineering feats and important accomplishments by the National Aeronautics and Space Administration (NASA)

SEE SPACE STATION

Sunday FunDays IMAX[®] Space Station **Digital Dome Planetarium Shows** First Annual 2002 Detroit Science Gala President's Letter Special Exhibit: Destination Space! Summer Science Camp For Members Only **Excellent Experiments Capital Campaign Donors** Science Center Trustees



SUNDAY FUNDAYS CONTINUED

Marshall Field's Sunday FunDays will continue on the second Sunday of every month with fun, themed activities for children, families and anyone with an interest in science, engineering and technology. Here's a glimpse of what's in store for the coming months:

JUNE 9 FIREWORKS FUN

Explore the world of pyrotechnics. Safely learn about fireworks and how Marshall Field's makes the skies over Detroit glow as a part of the International Freedom Festival held on June 26.

JULY 14 PANDA-MONIUM!

Our newest film, China: The Panda Adventure highlights the animal kingdom - from our domestic friends to those in the wild.

AUGUST 11 ALIEN ADVENTURE

As families take a journey into space, they encounter alien creatures from another planet featuring our Digital Dome Planetarium, special hands-on activities and out-of-this-world guests.

SEPTEMBER 8 BOLTS & JOLTS

Sparks will fly in our newly enhanced Sparks Theater. It will be an electrifying experience for families as they learn about power, energy and safety.

OCTOBER 13 WILD ABOUT CHIMPS

The new film Jane Goodall's Wild Chimpanzees opens this weekend in the IMAX® Dome Theatre, highlighting these primates.

NOVEMBER 10 SCIENTIFIC SCAVENGER HUNT

Families will search for clues in the Science Center to crack the case and have an opportunity to win a special prize.

DECEMBER 8 FREEZE: SCIENCE OF THE SEASON

It's cold outside and we'll investigate the essence of snowflakes, snow, ice and all the wonders of the season.



e among the first in Detroit to see new images from the Hubble Space Telescope in the new Digital Dome Planetarium show *Hubble: Images of the Infinite.*

Hubble: Images of the Infinite highlights the history and top science findings of the famous telescope, taking you on an unforgettable tour through the Solar System, the Milky Way Galaxy, and to the limits of the visible Universe using spectacular Hubble images and the Digital Dome Planetarium's ability to travel through space and time.



Marshall Field's

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The Space Station shuttle crews fly into the newly-installed Destiny Lab module during the mission in February 2001.

SPACE STATION CONTINUED

since landing a man on the moon: the construction of the International Space Station.

Space Station stars astronauts and cosmonauts who collectively have spent thousands of hours in space. The film captures seven Space Shuttle crews and two resident station crews as they transform the International Space Station into a permanently inhabited scientific research station.

Only a select few have been aboard – now it's your turn to experience life 220 miles above the Earth's surface as the station orbits the planet at 17,500 m.p.h. Get your ticket to space today!

Tom Cruise narrating **Space Station**

Since its deployment from the space shuttle Discovery on April 25, 1990, the incredible telescope that bears Edwin Hubble's name has provided us with spectacular, aweinspiring images and enriched our understanding of the Universe. The Hubble Space Telescope is the first telescope to witness super-massive black holes in the centers of distant galaxies, determine the age of the Universe COMING JUNE 15

and reveal the structures, shapes and characteristics of young galaxies.





Now for the first time, visitors to the Science Center will have the opportunity to learn and experience the history, design and discoveries of this marvelous instrument by experiencing Hubble: Images of the Infinite. 🕅

FIRST ANNUAL 2002 DETROIT SCIENCE GALA

elebrate Detroit's contributions to science, engineering and technology at the First Annual 2002 Detroit Science Gala. The black-tie gala will be held Friday, May 17, at 6 p.m. Gov. and Mrs. Engler, Mayor and Mrs. Kwame Kilpatrick, and Dr. and Mrs. Dieter Zetsche, president and CEO, Chrysler Group, are honorary chairpersons.

The Detroit Science Gala, sponsored by DaimlerChrysler Corp. and supported in part by i2 Technologies, Ford Motor Company and



General Motors Corp., will showcase Southeastern Michigan as a "Midwest Valley" of advanced sciences and technologies; highlight the benefits of science education for children; and

raise funds to ensure access by all children, regardless of their means, to the exhibits, programs and learning opportunities at The New Detroit Science Center.

Guests will enjoy a sit-down dinner, the tunes of Mel Ball & Colours, special shows in the Digital Dome Planetarium and IMAX[®] *Dome* Theatre, and a

> special appearance by Dean Kamen, the visionary who created the Segway Human Transporter (HT) and founded the FIRST (For Inspiration and

> > Recognition of Science and Technology) Robotics program. Kamen will buzz through the Science Center on his Segway.

There are four distinct levels of sponsorship available – the Gold Leadership Sponsor at \$25,000, the Silver Leadership Sponsor at \$10,000, the Bronze Leadership Sponsor at \$5,000 and the Individual Sponsorship at \$250 per person. Valet parking is provided at the Science Center. For more information, or to make a reservation, please call Dave

Gensor at 313.577.8400 ext. 440. ⊗

Segway HT Inventor Dean Kamen will make a special appearance at the First Annual 2002 Detroit Science Gala.

PRESIDENT'S LETTER

SHOOTING FOR THE STARS AT THE NEW DETROIT SCIENCE CENTER A MESSAGE FROM PRESIDENT AND CEO SHAWN KAHLE

hanks to countless dedicated supporters, staff and volunteers, The New Detroit Science Center continues to shine brightly in the cultural skyline of Detroit.

But the biggest thanks goes to the stars that make us shine so brightly, the more than 342,000 visitors who have come through our doors during our first eight months of operations.

These "stars" have helped us surpass our all-time, **full-year** attendance record of 330,000 people in 1990! This is an amazing achievement especially as many museums and cultural institutions face lingering declines in patronage.

With out-of-this world space shows in our Digital Dome Planetarium, school field trips, special events and outstanding new IMAX® feature films, we're well on our way towards our goal of 500,000 visitors in our first year!

As you'll read in this newsletter, the months ahead offer tremendous

excitement as we showcase diverse scientific interests. Explore the horizons of the Universe in the IMAX[®] film *Space Station*. Journey to the other side of the world with *China: The Panda Adventure*. Explore new frontiers at *Destination Space*! It's no wonder that more and more people are planning special celebrations and summer camp experiences at the Science Center.

In just a few short weeks, the Science Center will host the First Annual 2002 Detroit Science Gala with special guest Dean Kamen, inventor of the Segway HT, to promote science and technology in Michigan. This event will help us raise critical funds to further ensure access by all children to the incredible wonders of science, engineering and technology at the Science Center.

I am honored to serve you, our valued members and friends, as the new President and CEO of The New Detroit Science Center. Together, we will shoot for the stars and shine bright!

Shawn Kahle President and CEO The New Detroit Science Center





MARK YOUR CALENDAR! Sunday FunDays Start Mother's Day, May 12

FREE GENERAL ADMISSION (May 12 only)

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Shawn Kahle, President and CEO of The New Detroit Science Center NONPROFIT ORG. U.S. POSTAGE **PAID** DETROIT, MI PERMIT NO. 5919



DESTINATION SPACE! IS OUT OF THIS WORLD

SPECIAL EXHIBIT APRIL 20 – SEPT. 2

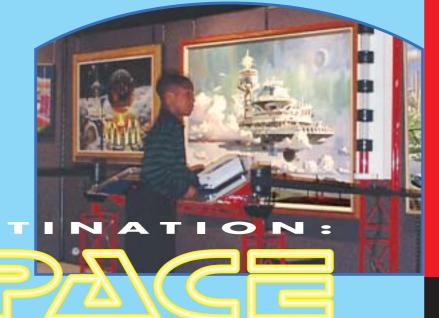
arvel as space exploration comes to life in *Destination Space!* The new special exhibit brings the importance of space exploration to life through a unique combination of science, technology, art and creativity. The result is an immersive experience that educates, inspires and challenges visitors to look beyond modern space exploration to new frontiers.

Destination Space! offers an incredible opportunity to become "creative specialists" as visitors explore their own creativity and imagination. The exhibit features more than 75 original works of art by renowned artist Robert McCall that chronicle the history of the space program and speculate about the future of space exploration.

Combined with these awe-inspiring works of art are interactive, hands-on experiences. Visitors will embark on a mission through interactive labs providing first-hand experience of the facilities of an orbiting space station. Create your own space mural in McCall's Studio. Try your hand at creating futuristic space stations, robots and rockets in the K'NEX® Research and **Development Center**. Negotiate the living quarters found on an orbiting space station in the **Space Life Lab**. Experience technology that allows astronauts to live and work in space and return safely to Earth in the Space Shuttle Technology Demo.

Make The New Detroit Science Center your destination to experience Destination Space! 🔀

Explore new frontiers at Destination Space!



SUMMER SCIENCE CAMP REGISTER NOW!

This summer The New Detroit Science Center offers summer fun with special weeklong camps for children in kindergarten through 8th grade. Members of the Science Center will receive a special discount on camps. It's summer science fun!

SPACE ADVENTURE

June 24-28 • July 22-26 • July 29–August 2 • August 19–23 Experience the final frontier as your camper visits planets, nebulae and other galaxies in the Digital Dome Planetarium. Travel to the International Space Station in the new IMAX[®] film Space Station. In our Mission Control Space Room, explore the scientific principles that make space travel possible, including making your own water-powered rocket—and so



SCIENCEOUEST

July 8–12* • July 15–19 • August 5–9 • August 12–16 ScienceQuest Camp lets campers explore all of the possibilities of the Science Center with a special emphasis on Rolling Roller Coasters, Slimy Science and Zap - Lights

.m. and

CAPITAL CAMPAIGN DONORS \$100 AND ABOVE (July 28, 2001 - March 31, 2002)

DES

THANK YOU FOR YOUR GENEROUS SUPPORT!

Thanks to the following donors and supporters, the Science Center is a facility full of wonder, discovery and fun.

To find out how YOU can help support science, engineering and technology education for children at the Science Center with a Capital Campaign gift, contact Elizabeth Chilton at 313.577.8400 ext. 431.

\$1.000.000 OR MORE The Herbert H. and Grace A. Dow Foundation

\$500,000 OR MORE

U.S. Department of Education

\$100,000 OR MORE

Compuware Corporation Mort and Brigitte Harris The Oliver Dewey Marcks Foundation

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MORE THAN \$100 Linda Holland Mr. George Johnson A. Keith Kossuth Fred Ong Monna L. Wejrowski

and Lasers. There will be hands-on activities, excellent experiments, electrifying demonstrations in our Sparks Theater, gravity-defying feats on the DaimlerChrysler Science Stage, as well as IMAX® Dome Theatre and Digital Dome Planetarium shows. It's all here for you to explore at The New **Detroit Science Center!**

SPECIAL CAMP OFFERINGS

Ask about our special *Girl Scouts Camp (July 8–12) and our Camp Connections with the Detroit Institute of the Arts

> All campers receive a Detroit Science Center t-shirt. Lunches available for

CAMP HOURS

Monday-Friday 9am-3:00pm Extended Camp 8am-6:00pm

CAMP FEES **DSC Member Non-Member** Lunch (5 days) 5-DAY EXTENDED CAMP CAMP \$175 **\$200**

To make your reservation for camp, call our Camp Coordinator: 313.577.8400 ext.5 🔀

EXTENDED SUMMER HOURS Enjoy even more scientific discovery this summer at The New Detroit Science Center! Summer hours will begin Monday, June 17. The Science Center will be open weekdays from 9:30 a.m. to

Mr. and Mrs. Thomas Adams Mr. and Mrs. David Cole Mr. and Mrs. Clinton Lauer Bob and Leslie Lazzerin Dr. Kim Lie and Family **Michigan First Credit Union** Mr. and Mrs. Allan P. Whittemore Dr. George A. Williams

ANNUAL FUND

Thanks to the following Annual Fund contributors, the Science Center is delivering the finest science-based exhibits, attractions and programs to thousands of children and families across Southeastern Michigan. Contributions of \$1,000 or more are acknowledged as Sponsors of Science and receive lasting recognition in our Donor Gallery.

To find out how YOU can contribute to the Annual Fund, contact Erika Davis at 313.577.8400 ext. 437.

FOR MEMBERS ONLY

AN OUT-OF-THIS-WORLD DOUBLE HEADER! MEMBERS-ONLY NIGHT (MAY 10)

Get double the dome experience with the Membership Screening of the new IMAX® film Space Station in the IMAX® Dome Theatre and Hubble: Images of the Infinite in the Digital Dome Planetarium on Friday, May 10, from 7 p.m. – 9 p.m. You'll take spectacular journeys to the International Space Station, the Milky Way Galaxy and to the limits of the visible Universe. Special space surprises are in store for your journey. This exclusive screening event is FREE for members and eligible guests. Watch your mail for more information on this "space-y" event!

COMING SOON: NEW, ENHANCED MEMBERSHIP CARDS!

Just in time for summer exploration, AWN KAHLE members will soon receive new, durable membership cards. The cards will feature a colorful new design, bar code and the member's ID number. Watch your mail in the coming months for your new card(s)!

GIVE THE GIFT OF SCIENCE ALL YEAR LONG

Membership is a great gift for family or friends any time of the year. Buy two or more memberships and save \$10.

RENEW NOW AND SAVE

Members who renew their membership a month before their expiration date receive two months of membership free. 🗵

Membership Hotline 313.577.8400 ext.433

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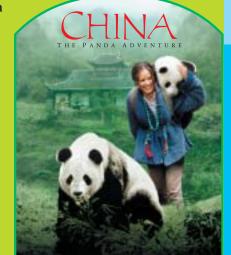
CHINA: THE PANDA ADVENTURE

OPENING JUNE 29 AT THE IMAX® DOME THEATRE **MEMBERS-ONLY PREVIEW JUNE 28**

xperience the world of the magnificent and rare Giant Panda as you travel back in time on an exciting expedition through the breathtaking splendor of 1936 China in the IMAX® adventure film China: The Panda Adventure.

The large-format film is the true story of Ruth Harkness, a fiercely independent woman who travels to the mysterious forests of China to follow in her late husband's footsteps and achieve his dream of bringing back the first live giant panda to America. As her expedition makes

its treacherous journey from Shanghai, up the Yangtze River, through the rugged Min Valley and into the isolated Wolong forests, Ruth must rely on her wits and her determination to survive as she races to find the mysterious creature before a band of trophyhunting poachers.





SOLAR CLOCK

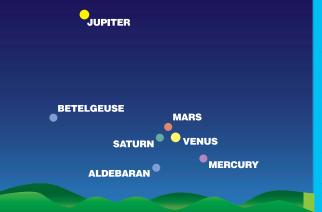
WHAT IT'S ALL ABOUT: Use the sun to tell time.

WHAT YOU'LL NEED:

1 piece of string + posterboard (same size as solar clock) + glue + 1 pair of scissors + 1 compass

WHAT TO DO:

- Cut out the solar clock along the red lines.
- Glue the solar clock onto posterboard and cut out. Let it dry.
- Fold the solar clock on the blue line.
- Cut small notches at the top and bottom (green lines).
- Run your piece of string from the top notch to the bottom notch.
- Point your solar clock due south (a compass will help you find the direction).
- Avoid standing in direct line with the Sun's rays to prevent blocking the string's shadow on your solar clock.
- Read the time! X



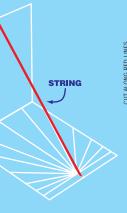
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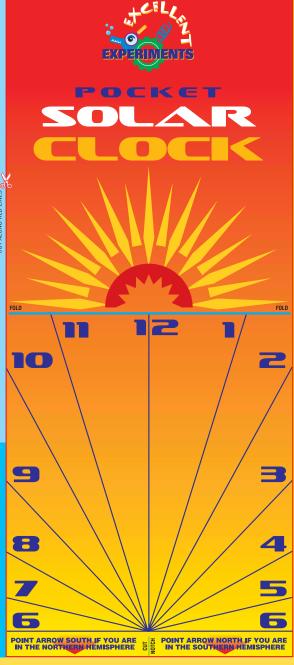
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Check out the sky this spring planets align, a celestial wonder that won't happen again for another 59 years!

WESTERN EVENING SKY MAY 5, 2002, 9:25pm Venus, Mars and Saturn form a triangle. Mercury is located to the lower right, 10 degrees above the horizon. Bright Jupiter is 20 degrees above the star Betelgeuse.



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We took great care in compiling this list and apologize for any errors or omissions Please call our Development Office at 313.577.8400 ext. 431 with any changes or corrections.