



Challenger Learning Center
FOR SCIENCE AND TECHNOLOGY

222 CHURCH ST. WOODSTOCK, IL 60098 # (815) 338-7722

The

COMMUNICATOR

Fall 2005/Winter 2006

www.challengerillinois.org

Challenger Center Launches Annual Membership Program

GET "ON BOARD" WITH OUR NEW MEMBERSHIP PROGRAM!

Entering its fifth year of operation, the Challenger Center is proud to debut its new annual Membership Campaign, "Friends of the Challenger Learning Center."

This exciting new program is the best way to experience all the center has to offer at an exceptional value. Members will enjoy a multitude of exclusive benefits and offers while giving crucial support to the Challenger Learning Center.

Membership will assist the Challenger Center in providing much-needed funding for programs to over 10,000 students and teachers who visit annually. Membership is also used to support exhibits for the newly installed EdVenture Center, "You are the Future

of Space Exploration" as well as potential traveling exhibits that will be open to the public.

For as little as \$30 a year, patrons can enjoy membership that includes e-mail alerts; discounts in the gift shop; membership listing on the Challenger's Web site; discount admission to select Challenger Learning Center events; an invitation to the annual Challenger benefit and discount admission to select Planetary Studies Foundation (PSF) events. Individuals, families and businesses may select from membership packages that are tailored to their individual needs.

For more information on becoming a Friend of the Challenger Learning Center or to sign up today, please refer to page four of the newsletter. Patrons who sign up to become members can enjoy certain programs listed in this newsletter edition at a discounted rate!

Astronaut's Wife Visits Center to Film Interactive Challenger DVD



June Scobee Rodgers

"The families wanted to show the world how these astronauts lived and how much they believed in what they did," explained June Scobee Rodgers into the lens of a camera. Scobee Rodgers, the widow of Commander Dick Scobee of the Challenger 51-L crew, visited the Woodstock Challenger Learning Center on September 27, to aid in the filming of a promotional DVD. The interactive DVD, produced by Testimony Pictures in Wauconda, Ill., will be released this winter for all 52 Challenger Centers worldwide.

The DVD is the brainchild of the

Woodstock Center's executive Director Steve Otten. "I thought creating a DVD on the vision and mission of the Challenger Centers was an excellent idea to broadcast to the nation that what we do as a network is invaluable." Scobee Rodgers, the Founding Chairman and Founding Director of the Board for Challenger Center for Space Science Education was thrilled with the idea. She flew out to Illinois from her hometown of Chattanooga, Tenn., to film her portion on how the families formed the organization after the Challenger disaster.

The DVD will be used to promote the centers to school districts, volunteers, potential donors and businesses that may have an interest in becoming a sponsor. The DVD will also feature a mini-movie with students on a space mission, as well as an appearance by CNN's Miles O'Brien.

Public Programs and Workshops

Challenger Gift Shop Items Now Available for Purchase!

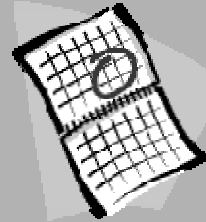
Looking for a great gift this holiday season? Stop by the center to pick up a unique and educational item for a gift or stocking stuffer!

- ★ Solar System Mobile
- ★ Inflatable Earth Globe
- ★ Astronaut Water Bottle
- ★ Galactic Putty
- ★ “The Mission Continues” Bracelet

Don't Forget...

We also offer gift certificates for public missions, cockpit flights, public workshops and summer camp programs!

MARK YOUR CALENDAR!



It's the
20TH ANNIVERSARY
of the Challenger Disaster on
Saturday, January 28, 2006!

Join the Challenger Learning Center staff, volunteers and board of directors for a day of remembrance!

Watch for upcoming event details!



FAMILY SCIENCE NIGHT SERIES

Family Science Nights are back! Don't miss the second year of this popular series that combines families and science with exploratory fun! The first Friday of every month is a family program that focuses on a different theme with activities that each family member will enjoy!

PROGRAM FEE: \$10 per person per program. Includes dinner and beverages. Pre-registration is required.

PARTICIPANTS: All ages are welcome. Children must be accompanied by an adult.

★ SPACE ART

FRIDAY, DECEMBER 2ND — 6:00-8:30 P.M.

Tap your inner artist and help paint a space-themed banner with Kenny “The Brush” Kupietz, the man who designed and painted the art work inside the Challenger Learning Center.

★ MYSTERIOUS MIXTURES

FRIDAY, JANUARY 6TH — 6:00-8:30 P.M.

Join us for an explosive evening as we “mix it up” with our chemistry program. Families will get to experiment to learn the magic behind physical and chemical reactions!

★ EXTREME BATTLE BOTS II

FRIDAY, FEBRUARY 3RD — 6:00-8:30 P.M.

It's our most popular program, so we are offering a second round! Get your family together and work as a team to design and construct a robot with a motor and parts provided. But be extra careful...the battle grounds have some obstacles to overcome this time! Brainstorm, problem solve and communicate to create the toughest bot that will outlast the other families.

Public Programs and Workshops

WINTER BREAK MYSTERY FESTIVAL

Everyone loves a mystery! And now you have the opportunity to try and solve one! Become a super-sleuth and engage in the Challenger Learning Center's educational program- Mystery Festival! This highly popular GEMS (Great Explorations in Math and Science) program from the University of California at Berkeley provides exciting hands-on learning for students. Student-detectives conduct forensic science tests on evidence found at a "crime scene" and then work together to seek their own solutions. Participants will learn to distinguish evidence from inference, and conduct such crime-lab investigations as thread tests, powder tests, DNA comparisons, chromatography and fingerprinting.



WHO BORROWED MR. BEAR?

Investigate The Case of the Borrowed Bear! Five friends in the "Stuffed Animal Adventure Club" are suspects in this mystery!

Dates: Tuesday & Wednesday
December 27 & 28

Time: 9:00 a.m.-12:30 p.m.

Fee: \$55

Participants: Students in grades 2 & 3

THE CASE OF THE MISSING MILLIONAIRE

Felix Navidad, a man who recently inherited a lot of money, is the center of this investigation. Collect and examine the evidence to see if you can solve this "who-dunnit."

Dates: Thursday & Friday
December 29 & 30

Time: 9:00 a.m.-12:30 p.m.

Fee: \$55

Participants: Students in grades 4, 5 & 6

YOUNG PILOT PROGRAM

Calling all young pilots! Don't miss the boarding call for this program! Spend a day off school earning your pilot's wings with the Challenger Crew. Participants will build and decorate a model airplane and then climb into the cockpit of a Boeing 737 flight simulator for the opportunity to fly.



Date: Monday, January 16
(school holiday)

Time: 9:00 a.m.-noon

Fee: \$30 for non-Challenger Member
\$27 for Challenger Member

Participants: Children in grades 4, 5, 6 & 7

SCI-FI SATURDAY: *APOLLO 13*



Nominated for nine Academy Awards, including Best Picture, *Apollo 13* is based on the true story of the 13th Apollo mission bound for the moon in 1970. Stranded 205,000 miles from Earth in a crippled spacecraft, astronauts Jim Lovell, Jack Swiggert and Fred Hiase fight a desperate battle to survive. Meanwhile, the crew at mission control battle against the odds to bring the astronauts home. Join us for popcorn, pop, space trivia and the showing of the anniversary edition on the big screen in our multi-media room. This film is rated PG. Limited seating available. Age 10 and under must attend with an adult.

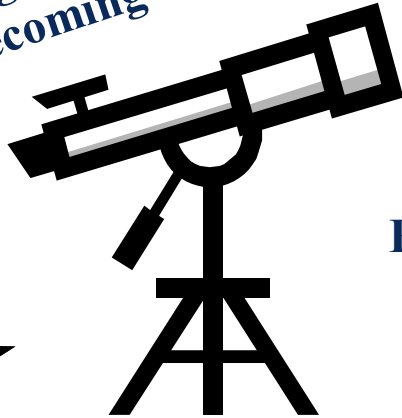
Date: Saturday, February 18th

Time: 3:00-5:00 p.m.

Fee: \$ 4 for non-Challenger Member
\$ 3 for Challenger Member



Join the Friends of the Challenger Learning Center by becoming a member!



TAKE ADVANTAGE OF THIS SPACE-TACULAR OFFER!!

Enjoy Benefits & Offers Exclusive to Challenger Learning Center Members

ASTRONAUT IN TRAINING (STUDENT) - \$ 15

- Membership Listing on Web site
E-mail Alerts
10% discount in Cosmic Gift Shop
Discount Admission to Select Events
Discount Admission to Select PSF Events

MISSION SPECIALIST (INDIVIDUAL) - \$30

- Membership Listing on Web site
E-mail Alerts
10% discount in Cosmic Gift Shop
Discount Admission to Select Events
Invitation to Annual Benefit
Discount Admission to Select PSF Events

MISSION CREW (FAMILY) - \$50

- Membership Listing on Web site
E-mail Alerts
10% discount in Cosmic Gift Shop
Discount Admission to Select Events
Invitation to Annual Benefit
Discount to Select PSF Events

COSMIC CONTRIBUTOR (SPONSORING MEMBER) - \$150

- Membership Listing on Web site
E-mail Alerts
10% discount in Cosmic Gift Shop
Discount Admission to Select Events
Invitation to Annual Benefit
Exclusive Previews of New Exhibits
2 free admission passes to the exhibit area
Discount Admission to Select PSF Events

GALACTIC GIVER (CONTRIBUTING MEMBER) - \$350

- Membership Listing on Web site
E-mail Alerts
10% discount in Cosmic Gift Shop
Discount Admission to Select Events
Invitation to Annual Benefit
Exclusive Previews of New Exhibits
2 free admission passes to the exhibit area
\$25 discount on public Space Mission
Discount Admission to Select PSF Events

VISIT US AT www.challengerillinois.org

Once your membership application is received and processed, you will be mailed your annual membership card.

PLEASE SELECT MEMBERSHIP LEVEL: NAME: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

E-MAIL: _____

PHONE: _____

Please make checks payable to Challenger Learning Center 222 Church Street, Woodstock, IL 60098

- Astronaut in Training \$15
Mission Specialist \$30
Mission Crew \$50
Cosmic Contributor \$150
Galactic Giver \$350

Program Registration Form

- Registration with a credit card payment is available by calling the center with your credit card number.
- Program fees **must** accompany registration.
- Once you are entered in the program, you will receive written confirmation.
- Refunds are only given if a program is cancelled due to limited enrollment. In that case, you will be notified the program is no longer offered and issued your full refund.
- This form may be copied if you need to register for additional programs.
- Forms can be dropped off or mailed to:
Challenger Learning Center
Program Registration
222 Church Street
Woodstock, IL 60098

Adult Registrant or Parent/Guardian _____

Address _____

City, State & Zip _____

Daytime Phone _____

E-Mail _____

Emergency Contact _____

Emergency Contact Phone _____

• Program Name _____ Program Fee _____

Program Date _____

1st Registrant's First & Last Name _____ Grade _____

2nd Registrant's First & Last Name _____ Grade _____

T-Shirt Size (if applicable) __ Youth Med __ Youth Large __ Adult Sm __ Adult Med __ Adult Large __ Adult XL __ Adult XXL

Total Cost _____ Method of Payment: Cash _____ Check# _____

I have read the Insurance Liability Waiver and the Photo Policy on the bottom of this form and understand the signature is required below of participant or parent/guardian if under 18 years old.

Signature _____ Date _____

INSURANCE LIABILITY WAIVER

Please be aware that in registering yourself or your minor child/ward for participation in Challenger Learning Center for Science & Technology program(s), you will be waiving and releasing all claims for injuries you or your child/ward might sustain arising out of the activities of the program.

"I recognize and acknowledge that there are certain risks of physical injury to participants in programs and I agree to assume the full risk of any such injuries, damages, or loss regardless of severity which I or my child/ward may sustain as a result of participating in any activities connected or associated with any such program. I agree to waive and relinquish all claims I or my child/ward may have as a result of participating in the program against the Challenger Learning Center for Science & Technology and its officers, agents servants and employees. I do hereby fully release and discharge the Challenger Learning Center for Science & Technology and its officers, agents, servants, and employees from any and all claims resulting from injuries, damages, and losses sustained by me or by my child/ward, and arising out of, connected with, or in any way associated with the activities of any of the program(s)."

CHALLENGER LEARNING CENTER PHOTO POLICY

Participants or their parents (if participant is under 18 years of age) permit the taking of photos, audio and videotapes during Challenger Learning Center activities and programs for the use of publication and use as the Challenger Learning Center deems necessary.



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Non-Profit
Organization
U.S. Postage Paid
Algonquin, IL 60102
Permit No. 14

HOW DO I REGISTER FOR CHALLENGER PROGRAMS?

To sign up, you can do one of the following:



Fill out the attached form and mail it in with payment to our office



Stop by our office and fill out a form in person

COMMANDER'S MISSION LOG by Executive Director Steve Otten



The Challenger Learning Center is getting ready to launch into the upcoming new year and we hope you will join us for "lift-off!"

2006 is a very important year for the Woodstock Center as well as all 52

Challenger Learning Centers in the world-wide network. It marks the 20th anniversary of the Challenger tragedy. Most everyone over the age of 30 can remember where they were January 28, 1986, when seven courageous astronauts, including the first teacher in space, lost their lives. The family members formed the Challenger Learning Centers as a lasting memorial to these astronauts to inspire children to pursue careers in science, space, engineering & technology.

To pay tribute to the astronauts, the network of centers will celebrate the anniversary throughout the year with a variety of special events. The Woodstock center will continue its popular Friday Family Science Nights as well as begin a lecture series with guest speakers beginning in the Spring.

The new year also ushers in a new partner for our center, the Planetary Studies Foundation (PSF). PSF is a non-profit organization whose goal is to foster scientific literacy and to encourage interest in the sciences. Established in 1989, PSF has grown to be a multi-faceted organization dealing with meteorite research and recovery, polar exploration and science education. PSF founder, Paul Sipiera, Ph.D, and his wife, Director of Operations, Diane Sipiera, will move their office to our center so that both organizations can foster an on-going partnership and find continued success and

support. The Sipiera's are bringing along their famous meteorite collection to the center, which is the tenth largest in the world. This meteorite exhibit will soon be made available to the public and I invite you to call for exhibit times.

While visiting the meteorite collection, you will also be able to stop by the new retail gift shop, which will be opening in early 2006. The shop will contain a variety of educational science and space merchandise based on the Challenger program and exhibits and is intended to further the mission of our center.

As always, The Board of Directors, staff and volunteers at the Challenger Learning Center invite you to join in our exciting news in the upcoming year. For more information on the programs and special events we are developing, log onto our Web site or call our office so that you may take part in "continuing the mission."