



Gateway to Science News

Summer 2008

Calendar of Events

- July 10..... Gateway to Science at Urban Harvest @ 10 am
- July 14—18..... Space Camp
- July 19..... Family Rocket Day - FREE to the public
- August 2..... Bubble Bliss - FREE to the public
- August 4—6.... Lego Robotics Camp
- September 6... Professional Amateur Event at High Prairie
- September 13. Barnes & Noble Book Fair

Gallery Hours

Monday - Thursday
12 Noon to 7 pm
Friday & Saturday
12 Noon to 5 pm

Office Hours

Monday - Friday
9 am to 3 pm
or call for an appointment

Admission

Adults - \$5
Children - \$2
Under 4 - FREE
Members are FREE

Children under the age of 8 must be accompanied by a parent or an adult.



Family Rocket Day

Saturday, July 19th 100 pm - 4:00 pm

Increase your awareness of rocketry by building your own rockets and watching them launch up into the sky! Volunteers will help you build water rockets, Alka Seltzer rockets, air pressure rockets and engine-propelled rockets.

Rocket collections will be on display as well. Pat Riepl will even launch some of his personal rockets, which need special clearance from the FAA!

Engine-propelled rocket kits will be available at a cost of \$10 for current members, \$12 for nonmembers. Admission to the Rocket Day event is FREE!

~ Anyone under 16 must be accompanied by a parent.

What's Happening this Summer at the Science Center!

BUBBLE BLISS

Saturday August 2nd
1:00 pm - 4:00 pm

Come and enjoy some good, clean, soapy fun learning about the magical world of bubbles!

Stations will be set up for everyone to try.

Large wooden bubble wands will be demonstrated and available to purchase.

The cost is \$3 for current members, \$4 for nonmembers.

Admission to the Bubble Bliss event is FREE!

Space Camp

Monday - Friday

July 14th - 18th

9:00 am - 12 Noon



Learn lots of cool things about astronomy, force, and motion. Campers will build their own rocket from common items, personalizing it along the way. The final day of the camp is the big launch when each camper gets to see how high their rocket can fly!!

For students entering grades 3 - 5
The cost is \$75 for members,
\$90 for nonmembers
which includes all materials.



**Held Saturday
April 5th, 2008**

Gateway to Science participated in a NanoDays Event along with science centers around the country to highlight the many applications of Nanotechnology. The event was free to the public and offered interactive stations for all ages.



Jeff Person demonstrating Anti-Bacterial Silver

Nanotechnology and learned about the latest advances in using Nanotechnology in everyday products.

The event featured Nanotechnology in everyday uses such as invisible sunblock and reversible sunglasses. Adults and children were able to experiment with the different properties of

The **Liquid Metals** station (pictured below)



Jennifer Rechlin demonstrating amorphous metals

explained that the Nano-scale structure of amorphous metals determines their elasticity. The atomic structure is extremely important in determining its physical and chemical properties.

The **Exploring Reactions** station (right) explored the greater reactivity of smaller things due to a greater surface area to volume ratio.

For more on NanoDays go to www.gscience.org



Kristin Wild demonstrating Exploring Reactions

A Day for the Birds



**Held Saturday
June 7th, 2008**

Gateway to Science held the 3rd Annual A Day for the Birds on June 7th with over 60 participants and several local volunteers. Our goal is to increase the public's awareness, appreciation, and knowledge of birds and bird watching. Visitors to Bird Day 2008 were able to experience the



Visitors check out the 'Feely Meely' box

'Feely Meely' Box (left) which was fun and exciting for people of all ages!

Volunteers assisted visitors in painting a picture of a Bald Eagle. (pictured below) **Cool Fact:** The record for a bald eagle nest measured 20 feet



Children using their handprints to make eagle paintings

deep, 10 feet wide and weighed 2 tons!

Visitors went on two bird walks with Floramay Miller, with the Bismarck Birding Club. Using binoculars they were able to learn tips and tricks of bird watching.



A young Bird lover showing off her gourd creation

A very popular event was decorating a gourd birdhouse! The gourds were donated by Papa's Pumpkin Patch and were a huge hit with the children. They were able to decorate the gourds using paints and took them home as a souvenir of Bird Day!

For more on Bird Day go to www.gscience.org

Thank you to the following businesses, organizations and individuals who have made donations to Gateway to Science in the past few months:

THANK YOU

Contributions from Organizations

American Bank Center; Basin Electric Power Cooperative; BEK Communications; Bismarck Lions Club; Bismarck Title Company; Farwest Rotary Club; Good Search; ND Chapter/American Public Works Assn.; NDAWWA; NDWEA; Starion Financial; The Coteau Properties Company

Contributions from Individuals

Brad & Claudia Ballweber; Dorothy Brandner; Diane & David Clinton; Lawrence & Karen daSilva; Tom & Katie Hutchens; Frank & Kay Koch; Corinne Lee; Dick Weber; Gregg & Sandy Wiche

In-Kind Donation

Jobbers Moving & Storage

Poppe Scholarship

Irene Carter; Mike Poppe

Exhibit Adoptions

Bartlett & West, Inc. - Bicycle Wheel Gyro
Robin & Jennifer Haaland - Hand vs. Heart

Join us at **Barnes & Noble** for some hands-on science activities. When you make your book purchase, present the voucher below and a percentage of your purchase that day will be donated to Gateway to Science! We will be there on Saturday, September 13th, from 11:00 a.m. until 4:00 p.m. Don't miss it!



Barnes & Noble
BOOKFAIR
Supporting



Gateway to Science

September 13, 2008

11:00 a.m. - 4:00 p.m.

Barnes & Noble
565 S. 7th Street, Bismarck ND

Please present this voucher prior to making your purchase.
A percentage of the net sale will be donated to your school/organization.*

Bookfair I.D. Number 320655

*The purchase of gift cards, Barnes & Noble memberships, text books and magazine subscriptions are not included in bookfair totals. Our discount purchasing program may not be applied to bookfair purchases.



Did you know?

Exhibit News

Gateway to Science currently has **95 exhibits** on display in the gallery...and several dozen more that are currently in storage because of our lack of space. If you have not visited the Science Center recently, come explore this amazing assortment of hands-on activities. When we reopen **Brain Matters** in the fall, we will have to pack some of our golden oldies away...so come experience them while you can!

For more info on exhibits visit our website www.gscience.org

Volunteers in Promoting Science (ViPS)

Thank You to the many volunteers that help make our events a success! Without your assistance and support, these events would not be as successful and enjoyable!



Band Night: *Lois Horning, Ed Horning, Karen Gainsforth, Jerry Gainsforth, Ron Zeiszler, Char Zeiszler, Marilyn Romsaas, Ray Stugelmayer*

A Day for the Birds: *Herb Mittelsted, Jan Grabinger, Russ Grabinger, Marva Anderson, Darlene Beck, Mary Dinyer, Erik Sjursen*

Other Volunteers: *Duane Aman, Judy Ohlhauser, Donna Labranz*

Note: R.S.V.P. volunteers appear in italics. We appreciate the help of the R.S.V.P. office staff and their support of Gateway to Science educational programming.



Gateway to Science Center

1810 Schafer Street, Suite 1
Bismarck, ND 58501-1218

Nonprofit Organization
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Bismarck, ND 58504

Sign up to receive this newsletter electronically by logging on to www.gscience.org and click on Sign up for e-news!

Membership Information

Benefits of a Membership

- Free unlimited admission to Gateway to Science Center for members of the same household
- Reciprocity to fellow ASTC Centers around the world
- Receive Newsletters and notices of upcoming events
- SAVE \$15 or more on our Programs
- SAVE \$10-\$15 on children's Birthday Party Packages
- Family Plus & Sustaining Memberships include Free admission to the Gallery for a guest family

Levels

- Sustaining \$125
- Family Plus \$70
- Family \$50
- Grandparents \$45
- Individual \$30
- Student \$20
- Senior (62+) \$20

Teachers get 50% off Memberships!
Gift certificates are also available in any amount!

Executive Director
Elisabeth Demke

Administrative Assistant
Kaylah Pavlicek

Exhibits Coordinator
Jennifer Reclin

Program Coordinator
Amanda Person

PURCHASE A MEMBERSHIP

Name _____

Address _____

City _____ State _____ Zip _____

Phone # _____

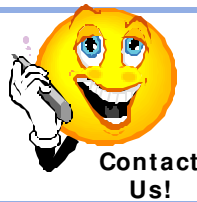
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Please choose an option below:

Sustaining \$125
 Family Plus \$70
 Family \$50
 Grandparents \$45
 Individual \$30
 Student \$20
 Senior (62+) \$20

Total Amount Enclosed: \$ _____

Please mail along with payment to Gateway to Science



Address: 1810 Schafer St., Suite 1
Bismarck ND 58501-1218

Phone: 701.258.1975
Email: gscience@gscience.org
Website: www.gscience.org

Contact Us!