



# Gateway to Science NEWS

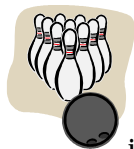
It's Fun...It's Cool...It's Awesome...It's SCIENCE

## Winter Activities

### Frames for 'Fun'ds Charity Bowling Tournament

Saturday, January 9, 1 to 4 p.m.

Gateway to Science has again been selected by the Farwest Rotary Club to benefit from their upcoming *Frames for 'Fun'ds* event. The bowling tournament will be held at Midway Lanes, 3327 Memorial



Highway, Mandan. The entry fee is \$125 per 4-member team. Space is limited to the first 52 teams. The event includes a silent auction of donated items. Team registration forms are available on our website or contact Nancy Christenson at 530-1420.

### daGenius daVinci

Monday, January 18, 9 a.m. to 4 p.m.

Frances Leach High Prairie Arts and Science Complex has an exciting SUPER day camp for kids kindergarten to third grade. Bring a brown bag lunch and join us for *'da Genius daVinci'*! This hands-on, action-filled day features the life, times, and brilliant work of Leonardo daVinci.

Gateway to Science will offer "Renaissance Science" in which students will learn about a variety of DaVinci's scientific interests. DaVinci was fascinated with flying machines, the power of steam, and illusions. Students will participate in hands-on activities that explore all these areas.

Online registration is available. Cost is \$55 per student. A discount of \$10 per student is allowed for members of any High Prairie partner.



### Winter Wonderland

Friday, January 22, 6:00 to 8:30 p.m.

(FREE Open House)

Are you in awe of the night sky? Want to know more? Bring your friends and family to the 3<sup>rd</sup> annual Winter Wonderland. It's FREE thanks to the generosity of sponsors! You'll have an out-of-this-world time while learning about constellations, our solar system, stargazing, and much more. We'll even have a portable planetarium set up for viewing constellations indoors! Cookies and hot chocolate will be served while you enjoy a variety of music from the Suzuki School of Music.



### WIDGET Contest

Tuesday, February 2, 5:30 p.m.



Gateway to Science is again partnering with the ND Society of Professional Engineers Chapter 3 to hold the WIDGET Contest. The public is invited to watch the competition and cheer on their favorite teams.

Students in grades 9 – 12 are encouraged to enter the contest. The top three teams will win CASH AWARDS! The contest goal? To design and build a machine to roll a die in as many convoluted steps as possible. Teams can start picking up their box of materials on December 9. A \$10 refundable deposit is required for each team entry. Download complete contest guidelines from our website. Registration deadline for participants is January 21.

### UPCOMING EVENTS

#### DECEMBER

24 & 25: Gallery Closed  
31: Gallery Open Noon-5pm

#### JANUARY

1: Gallery Closed  
9: Frames for 'Fun'ds Bowling Tournament  
18: daGenius daVinci—Joint HP Program  
22: Winter Wonderland

#### FEBRUARY

2: WIDGET Contest

#### MARCH

17: Environmental Festival

For more information on these and other upcoming events, visit our website: [www.gscience.org](http://www.gscience.org).

### WINTER FIELD TRIP SPECIAL

*Gateway to Science is offering a WINTER FIELD TRIP SPECIAL. Schedule a field trip during the months of December, January and February and pay only \$1.50 per student (rather than \$2.00 per student). That's a 25% savings! As always, adult chaperones will be admitted free of charge. Call today to schedule your classroom field trip. Parents & Grandparents—why not sponsor a field trip for your students?*

GATEWAY TO SCIENCE  
1810 Schafer Street, Suite 1  
Bismarck ND 58501-1218  
701.258.1975

# Looking Back... Looking Ahead...

by Beth Demke, Executive Director

As we celebrated the 15th anniversary of Gateway to Science this fall, we found ourselves reminiscing back to 1994 when a small group of dedicated volunteers built exhibits and staffed the gallery for the first (and still the only) hands-on science center in North Dakota. It is gratifying to find that same level of dedication in so many more friends, as evidenced by the growing number of volunteers, members and contributors who support the science center on an annual basis.

While it's exciting to look back and see how far we've come since those early

days, it's even more exciting to look ahead to the future.

Gateway to Science and our partners in the Frances Leach High Prairie Arts & Science Complex are exploring options for expansion in order to meet the community's growing appetite for more science and art experiences. Among the possible options are a move to the larger World War Memorial Building downtown or expanding the current High Prairie facility by 30,000 square feet.

You may wonder why Gateway to Science needs more space. Here's a

sample of space needed to better serve our visitors and program participants:

- ◆ Expanded display space for more and varied exhibits, including exploration for toddlers and more sophisticated exhibitions for older students.
- ◆ Classroom space—especially a laboratory classroom to offer elementary students lab experiences and more educational programs
- ◆ Space for construction and storage. ALL exhibits are currently built offsite, which limits size options.

(Continued on page 4)

## Fall was Filled with Celebrations!

### 15th Birthday Celebration



The community celebrated our 15th birthday



party with good food, fun demonstrations, and hands-on activities!

new spooky activities, and five returning favorites.

Among the new activities, the Screaming Cups were the biggest hit; participants made a noisemaker out of simple items. It remains to be seen, however, if the claim of Larry Roth (volunteer) is true: Do they really work best at 2 a.m.?



Guests were treated to a wonderful menu from each chef and voted for their favorite. Of course, there are no losers when it comes to raising funds for



science education! Thanks to everyone who attended,

donated, bid in the silent auction or purchased raffle tickets. Look for even more fun in 2010!



### Spooktacular Science

This was a great year to come to Spooktacular Science on October 31, as 271 people (or should we say ladybugs, ninjas, ghosts, and princesses) found out! Spooktacular Science had five all-



### Einstein on Wine

Our 6th annual fundraiser was a huge success! Congratulations to Aaron Bank, Mr. Delicious, (pictured on the right) who successfully challenged Mike Britain, Sam's Club, (pictured on the left) in the Chef Showdown. Scott Wild (pictured in the center) was a wonderful master of ceremonies!



Thank You to our recent volunteers:

#### 15th Birthday Party:

Tonya Bauer, Connie Bye, Lorraine Davidson, Agnes Eckroth, Russ & Jan Grabinger, Bob & Alice Hanson, Marilyn Heinemeyer, Vern Huber, Joe & Mary Ann Kalvoda, Bonnie Kisch, Kelly Kohler, Lillian Martin, bob & Judy Ohlhauser, Edith Ruff, Gin Torkelson, Bob &

Donna Schauer, Ron & Charlene Zeiszler, Dave & Mary Zentner, Sharon Zimmerman

#### Spooktacular Science:

Omair Ahmed, Duane Aman, Marva Anderson, Connie Bye, Jim Carter, Rachel Drewlow, Ruth Erdahl, Jocelyn Flakker, Russ & Jan Grabinger, Ed & Lois Horning, Sandra Kaul, Zach Keller, Jennifer LaFontaine, Adam Leier, Mary Ann Marison, Stacy Opp, Larry Roth, Ray Stugelmayer, Shania Wilson, Violet Zachmeier, Sharon Zimmerman

#### Einstein on Wine:

Darlene Beck, Randy Binegar, Art & Shirley Carlson, Harry & Sandra Darling, Alice Ereth, Chuck & Janet Esser, Linda Gutensohn, Bob & Alice Hanson, Vern Huber, Frank & Kay Koch, Pat Ness, Kevin Oberlander, Scott & Sandy Olson, Norm & Darlene Ostboe, Pam Passarello, Karol Riedman, Eileen Schmidt, Alan & Karen Traeholt, Meredith Traeholt, Gregg Wiche, Scott Wild

\*RSVP volunteers are listed in italics.

## Registration Open for New Semester of Science Clubs!

The students in Science Discovery Club and Young Scientists Club had a great time exploring a wide variety of science topics this fall with the club leader, Arlene Edmundson. They learned the science of making paint, aimed at targets with their alka-seltzer rockets, and watched bean plants outgrow their containers, as well as many other science explorations.



It's not too late to get in on the fun! A brand new 10-week spring session begins in January. Meeting dates are January 25, February 1, 8, and 22, March 1, 8, 22, and 29, and April 12 and 19. Science Discovery Club runs 5:15 – 6:15 p.m. and is for children in 3<sup>rd</sup> and 4<sup>th</sup> grade. Young Scientists Club runs 4:00 – 5:00 p.m. and is for children in 5<sup>th</sup> and 6<sup>th</sup> grade. Club members will

try all-new, fun, hands-on experiments! Register and pay by January 19 to reserve your part of the fun. Don't wait - space is limited! The cost is \$80 for Gateway to Science members and \$100 for nonmembers.

[Register for Science Clubs](#)

## SCIENCE CLUBS Registration Form

Student's Name: \_\_\_\_\_  
 School: \_\_\_\_\_ Grade: \_\_\_\_\_  
 Parent's Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 Zip Code: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Phone #: \_\_\_\_\_

Please choose a science club:

- Science Discovery Club  
 Young Scientists Club

\$80 - Member # \_\_\_\_\_  
 \$100 - Nonmember

At Gateway to Science, we aim to inspire and instruct students of all abilities. Please describe anything that would help us better reach and understand your child.

Photos of my child taken during programs may be used for GTS publications and media.

\_\_\_\_\_  
 (parent/guardian signature) (date)

Upgrade or purchase a membership:

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

Total Amount Enclosed: \$ \_\_\_\_\_

Please mail along with payment to:

Gateway to Science  
 1810 Schafer Street, Suite 1  
 Bismarck, ND 58501-1218

**ALL MEMBERSHIPS WILL BE VERIFIED.**

\*Note: Nonmember price includes a 1-year Student membership. Your membership card will be processed and mailed after we receive your membership application.



Mike Britain, pictured right, presented Beth Demke with a check for \$250 from Sam's Club in support of his involvement at Einstein on Wine!

Welcome to new and renewing members:

### SUSTAINING:

Michael & Sue Booth, Keith & Beth Demke, Pat & Mary Ann Durick, Marc & Margaret Fiechtner, George & Cheryl Mizell, Matt & Shelly Reichert, Michael & Karol Riedman, Burt & Margo Riskedahl, Terry & Kathleen Rowland, Don & Virginia Smith

### FAMILY PLUS:

Mort & Michelle Bank, Bill & Cynthia Benjamin, Robert & Julie Hart, Doug & Nora Kane, Aminul Karim, Mike Kraft, Mehedi Mashud, Carmen Miller & Tim Purdon, Alvin & Shirley Sailer, Matthew & Susan Stoltz, Lynn & Kathy Strombeck, Dennis & Margaret Williams

### FAMILY:

Heather Bullinger, Drake Carter, Steve Chuppe, Rosemary Eymann, Gordon & Sheila Herman, Todd & Tami Iszler, Tzvi & Basya Jacobson, Wally & Sandy Keller, Frank & Kay Koch, Varsha Kumar, Zev Matthew, James & Mary MacArthur, Scott & Sandy Olson, Kelly Pansegrau, Greg & Lynne Peterson, Todd & Shirley Porter, Tim & Tamara Rector, Brent Reems, Sean Sadaj, Heide Schmaltz, Kiel & Cameo Skager, Brian & Lori Wangler, Scott & Shonda Wild, Kimberly Williams

### GRANDPARENTS:

Ed & Lois Horning

### INDIVIDUAL:

Marla Behm, Lorne Campbell, Gene Nagle

### SENIOR:

Forest Durow, Bill Ekberg, Carolyn Honkola, Ralph Honkola, Phyllis Tarnasky, Gynnel Torgeson, Ron Torgeson

### STUDENT:

Kyler Alme, Kaden Leier, Dana Ritzke, Colton Schaaf

### AGENCY:

Abused Adult Resource Center, Dacotah Foundation

We would like to extend a special "Thank You" for the following donations received in September, October & November:

### Birthday Party Sponsors:

Tom & Diane Jones, Doug & Nora Kane, Karen Ryberg, Phyllis Tarnasky, Dick Weber

### Corporate Donations:

Barnes & Noble, Good Search, Northland Financial

### Einstein on Wine Sponsors:

Dakota Pharmacy, Joan Connell & Mike Jankoviak, Keith & Beth Demke, Tom & Katie Hutchens, Deb Igoe, Mid Dakota Clinic, Sam's Club, St. Alexius Medical Center, Alan & Karen Traeholt, Dave & Marilyn Vinchattle, Roger Wetzel

### Environmental Festival Sponsors:

Burlington Northern Sante Fe Foundation, American Water Works Assoc., ND Chapter

### Exhibit Adoption:

Bismarck Elks (Test Your Reaction)  
 Forest & Joan Durow (Butterfly Habitat)  
 The H<sub>2</sub>O Guys (Pump It Up)  
 Dick Weber (Hand vs. Heart)

### Individual Donations:

Dave Aeschliman, Royce Cline, Bill Ekberg, Kay Koch, George & Cheryl Mizell, Kevin & Hildy Oberlander, Chris Riedman, Nita Ritzke Mark & Connie Schulz, Alan & Karen Traeholt, Kevin & Janine Vining, Gregg & Sandy Wiche, Scott & Shonda Wild

### Dave & DeLaine Poppke Scholarship:

Gene & Joyce Harvey, Fred & Madelaine Heer, Thomas Kapla, Dave & DeLaine Poppke, Burt & Margo Riskedahl, Western Steel & Plumbing



Gateway to Science Center, Inc.  
1810 Schafer Street Suite 1  
Bismarck ND 58501-1218

Nonprofit Organization  
U S Postage Paid  
Permit No. 419  
Bismarck, ND 58504



Check us out Online!  
[www.gscience.org](http://www.gscience.org)

**Exhibit Gallery Hours**

Monday - Thursday: 12Noon - 7PM  
Friday & Saturday: 12Noon - 5PM  
Closed on Sundays

**Office Hours**

Monday - Friday: 9AM to 3PM

**Admission Rates**

Adults: \$5.00  
Children: \$2.00  
Under 4: FREE  
Members are always FREE!  
Reminder: Children under age 8 must be accompanied by an adult.

**Staff Members**

- Beth Demke*  
- Executive Director
- Christie Weixel*  
- Program Coordinator
- Jennifer Rechlin*  
- Exhibits Coordinator

**Young Scientist Challenge Winner Donates New Exhibit**



Chris Riedman, Science Club alum, Discovery Education 3M Young Scientist Challenge state winner and “America’s Top Young Scientist” semifinalist, is pictured here with Christie Weixel, Gateway to Science Program Coordinator. As a semifinalist, Chris received \$250 and a prize package including a plaque to honor his science teacher. Chris chose to name Christie as the honorary science teacher for this plaque.

In addition, Chris has donated his monetary award to fund a new *H<sub>2</sub>O* exhibit for Gateway to Science. This new exhibit, which we have named *Dancing Water*, is actually a Chinese spouting bowl. This remarkable bowl will allow you to see water dance to vibrations from your hands! Visitors should be able to try this fun and educational exhibit by the Christmas holidays!

Chris’ parents are Michael & Karol Riedman. We are grateful to Chris both for his donation and for helping in the creation of this amazing new exhibit.



*Looking Back... Looking Ahead (Continued from page 2)*

Stay tuned for more news in our quest for space. We appreciate your support over the past 15 years and are energized by the challenge of meeting children’s and families’ requests for more informal science education opportunities in the years to come.

On behalf of our staff and Board of Directors, I thank you for your support and wish you the happiest of holidays.