

Paper Discovery Center



All Things Paper

VOLUME 5, ISSUE 4

JULY 2008

UPCOMING EVENTS

Summer Science Days

July 17 & 19—
Photography

July 24 & 26—
"flying" objects

August 14 & 16—
Thermal Energy

August 21 & 23—
Water

These days will
include additional
activities &
demonstrations
about the topic,
included in
regular admission
price

Educational Programs

The Paper Discovery Center is hosting summer science days during the 3rd & 4th weeks of June, July, and August. On either Thursday or Saturday of these weeks, visitors can participate in hands-on activities and watch demonstrations anytime during the regular open hours - all for the normal price of admission.

The June sessions have gone well. About 30 visitors attended each day. The session on Forces (June 19 & 21) had 8 stations of activities, including: make a paper doll dance with an electromagnet, balance a paper bird's beak on your nose—a lesson about center of mass, and move water through a straw by blowing, not sucking—a lesson in air pressure & Bernoulli's principle. The session on Color (June 26 & 28) also had multiple stations, including a dark room in the theatre. Visitors learned how emitted light colors combine and how this differs from reflected light. They ran paper additives tests (starch & acidity) that involve color changes, and made red cabbage paper with a natural pigment that changes colors based on pH (acidity).

In the July photography session visitors will explore the optics involved in photography, make their own pinhole camera, observe a how to develop a photograph, and learn about hand coloring photos with dyes from photographer / artist David Lantow. In the flying objects session visitors can make a trebuchet out of cardstock paper, using the principles used in packaging design, and shoot an eraser across the room. They will also make paper rockets that lift off with an air blast and we hope to have a demonstration in kite making.

The thermal energy session in August is intended to beat the heat, with liquid nitrogen demonstrations and activities with dry ice. Visitors will also explore temperature sensitive paper. Bruce Smith, a retired Appleton Area high school science teacher will be leading the last session on water and has lots of fun demonstrations planned, such as boiling water with ice cubes and surprises with water surface tension!

We hope you can join us for these fun-filled educational activities. Our website has more details about the types of activities that are planned each week at <http://www.paperdiscoverycenter.org/general/summer2008activities.pdf>



Explore Your Environment



The Paper Discovery Center has a backpack kit compiled by Fox River Academy that has fantastic tools and reference materials to explore our Outdoor Learning Center. Read interesting books about trees, get tips for how to identify a tree in all seasons, measure the size and growth of trees, learn the value of trees in our environment, and much more. Visitors can check out the backpack for a short time as they go through our outdoor learning center, or they can check it out over a few days to explore other nearby areas, such as Lawrence University, which hosts a wide diversity of trees.



Paper Discovery Center Duathlon

Marilyn Garnder, one of our dedicated and talented volunteers, is not only outstanding at teaching visitors how to make paper, but she's fast! Marilyn won 1st place in her category when she ran and biked in the Paper Discovery Center Duathlon on May 4th. The Paper Discovery Center is the registration location and starting point of this fitness competition. Not only does this event help build awareness of the PDC, but it helps raise funds because the entry fees from the youth race on Sunday are donated to the Paper Discovery Center. Many thanks to Midwest Sports Events for planning this event over the past few years.

Katie Brown—Summer Intern



The Paper Discovery Center is pleased to have Katie join us this summer for 6 weeks. Katie is an English major at Alverno College. Her internship is sponsored by Valley Packaging. She's here until the end of July and works 20 hours a week. She's been a big help and if you get a chance, stop by to say hello.

Rebecca Shearier—Summer Intern



Rebecca Shearier graduated from Northern Michigan University with a degree in history and is embarking on graduate school this fall to study Japanese History at the University in Wisconsin, Madison. She is returning to the Paper Discovery Center for her 3rd summer as an intern, where she continues to gain valuable experience in her field of study. Rebecca has done an exceptional job over the years. Her contributions include researching & writing articles for the paper history timeline exhibit and archiving collections. This summer she is helping with the Hall of Fame video biographies and organizing a display of beautiful hand-made papers from some very interesting and diverse raw materials. This exhibit will be on public display this fall at the Paper Discovery Center.

Volunteers Critical to Field Trip Success



Sam Webb, a volunteer, shows his sister and her friend how fun drying a sheet of paper can be.

The number of visitors from field trips has grown about 50% compared to a year ago. Since opening, we've had over 350 school groups visit. The Paper Discovery Center was a buzz this Spring with many students of all ages. We identified ways to accommodate larger numbers (up to 70) while maintaining our excellent educational experience with hands-on papermaking & activities, interactive presentations, and participative tour guides. Our talented staff of educators customize the trips to meet the age and needs of the classroom teachers and curriculum. And we couldn't do it without our top notch volunteers. Many thanks to those who give of their time and talents.

Paper Industry International Hall of Fame

The 14th Annual Hall of Fame Induction Ceremony has been scheduled for Thursday, October 23, 2008 at the Radisson Paper Valley Hotel in Appleton, Wisconsin, USA. The keynote speaker at this year's Induction Ceremony is Mr. Carl Björnberg Chairman of the Board of Myllykoski Corporation, in Helsinki, Finland.

He joined Myllykoski Oy in 1964 and as of September 2005, is the Chairman of the Board of Myllykoski Corporation. Mr. Björnberg was Chairman of the Central Association of the Finnish Forest Industries; Vice Chairman, member of the board and its executive committee. In 1996 - 2006 he served as a member of the board of the Metsäliitto Group, a Finnish forest products group owned by the forest owners' cooperative. The Hall of Fame Inductees will announced later this summer.



Having Fun Raising Funds

Volunteers from Thilmany Paper Company help stuff envelopes for a fundraising mailing. Raising funds is an integral part of any non-profit organization and we deeply appreciate all donations. In our history, we've had 328 donors, about 60% were individuals, while about 10% were paper companies. Among the remaining donors are foundations, trade associations, and a local millwright union. Our donors have come from 22 states, 3 Canadian provinces, and 5 foreign countries. We need to raise \$380,000 annually to cover the costs of operation of the Paper Discovery Center and Hall of Fame facility.



Family & Friends by Barb Sauer

My daughter will be heading off to the University of Minnesota this Fall. This will give me a great opportunity to use my money-saving ASTC (Association of Science & Technology Centers) card from the Paper Discovery Center Family and Friends Program.

Last summer I took a course and the key note speaker was Dr. Eric Jolly. He is president of the Minnesota Museum of Science in downtown St. Paul. Ever since hearing his enlightening talk, I've had an itch to go to the museum. Now, with my ASTC card and my soon-to-be-Gopher daughter, we're planning a summer visit.

Their special exhibit until Aug 24th is **Star Wars—Where Science Meets Imagination**. Not only will it highlight the science behind the Sci-Fi, but the exhibit will have props, costumes, and models from the films. In Fall, the museum will have another interesting program, **CSI—The Experience**. The developers of the exhibit include the cast and crew of the TV show, the American Academy of Forensic Sciences, and the National Science Foundation. I may just have to visit the museum again in the fall, perhaps tie it into a football game!

A Family & Friends membership to the Paper Discovery Center at \$100+ level entitles you to travel passport price benefits at 275 science centers throughout the world. Sign up for your 12-month membership today by filling out the form on our website. www.paperdiscoverycenter.org.

Family & Friends Program

*Apply Today's Admission
Toward An Annual
Membership*



Paper Discovery Center
CELEBRATING ALL THINGS PAPER



Paper Discovery Center

HOME OF THE PAPER INDUSTRY INTERNATIONAL HALL OF FAME

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Appleton, WI 54911

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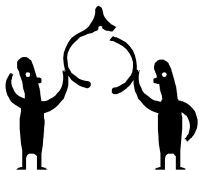
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**Thank You For Your Support At This Important Time For Our Organization.
Ask your employer about matching funds programs!**

Mail this card along with payment to: Paper Discovery Center, 425 W. Water Street, Appleton, WI 54911.

*Contact our office at 920-380-7491 for transfer instructions or with any questions.

Gifts are tax deductible to the extent provided by law.



The Paper Discovery Center gratefully accepts donations of supplies and equipment. We will gladly supply a tax form. Our wish list this month includes: a speaker / microphone system for events, a video camera to display demonstrations during field trips, and paper towel tubes.

Phone: 920-380-7491

Fax: 920-731-2704

www.paperdiscoverycenter.org

Celebrating All Things Paper - the Wonder and the Legacy