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art EVENTS

TWEED MUSEUM

Art for Hire: Prints from the Minnesota WPA will be on exhibit from June 16 through September 6.

Force of the North: Selections from the Potlatch Collection of Royal Canadian Mounted Police Illustrations, WPA opens June 16. It continues through August 30. Story Time at Tweed event will be held featuring the book *Molly of the Mounties: The Story of a Horse with Courage* on Thursday, June 18 from 10 - 11 am.

The Summer Collection Feature is a painting by Francois Boucher, *Allegory of the Peace of Aix-la-Chapelle, 1748*. It is from the collection of Alan H. Zeppa.

Apart at the Seams: Drawings and Paintings by Allen D. (Big Al) Carter will be on display thru August 16.

Selections from The Richard E. and Dorothy Rawlings Nelson Collection of American Indian Art will be on display thru Sept. 13.

Discovery at Tweed will be held from June 16 - August 11. Every Tuesday from 12 noon - 4 pm museum staff and UMD student interns publicly inspect and assess extraordinary objects from the museum's collection.

For Tweed Museum information go to www.d.umn.edu/tma, contact tma@d.umn.edu, or call 726-8222.

music and theater EVENTS

The Sieur Du Luth Arts Festival begins June 30 and continues thru August 1.

An Evening with Kevin Kling with special guest accordionist Simone Perrin, benefitting the UMD Department of Theatre, will be presented Wednesday, June 24, 2009 at 7:30pm on the mainstage at the Marshall Performing Arts Center. All seats \$15. Call 726.8561 or visit <http://tickets.umn.edu> for tickets.

The Ice Fishing Play, directed by William Payne, will be presented at 7:30 pm on June 30, July 1-3, and July 7-12 and at 2 pm on July 5, 11, and 12 in the Dudley Experimental Theater in the Marshall Performing Arts Center. Revisit a Minnesota tradition, the pleasures and pains of ice fishing, as seen through the eyes of Kevin Kling, the legendary Minnesota story teller.

A Chamber Music Concert featuring performers from the Northern Lights Music Festival will be held at 7:30 pm on July 13 in the Weber Music Hall.

A Jazz Concert featuring Ryan Frane and friends in a jazz performance will be held at 7:30 pm on July 20 in the Weber Music Hall.

Footloose will be presented at 7:30 pm on July 23-25, 29-31, and August 1 and at 2 pm on July 26 in the Marshall Performing Arts Center. The popular musical, centered around the theme of a city boy who comes to a small town where rock music and dancing have been banned is directed by Ann Bergeron. The UMD production takes an international turn when young artists from the Istanbul University State Conservatory join talented UMD theatre students in this rock 'n' roll classic.

For more info visit www.umdartsfest.com, call 726-8561 or visit <http://tickets.umn.edu> for tickets.

EVENTS, lectures, workshops

PLANETARIUM

The Marshall W. Alworth Planetarium holds free public shows every Wed. evening at 7 pm. Private shows are available by appointment for groups of 10 or more. See list of shows at <http://www.d.umn.edu/planet/programs>.

UMD FARMERS MARKET

The Farmers Market at UMD/Market Day in the Plaza is held every Wed. until Sept. 30 at the Kirby Bus Hub. The market offers local musicians, and artisans and supports local farmers. The musician schedule includes: June 17: Val Turcotte; June 24: Greg Tiburzi; July 1: Jim Hall; July 8: Hunter & Oftedahl; July 15: Dan Burrows; July 22: Jimi Cooper; July 29: Michael Monroe; August 5: Hatti Peterson; August 12: Galen White; August 19: Perfectini; August 26: Kathy McTavish; September 2: Ryan Jordan; September 9: Bill & Kate Isles; September 16: Colleen Myhre; September 23: The Electron; September 30: and Eric Rhame.

Growers can contact Leah Nelson of the Sustainable Farming Association at 940-2138. Artists can contact Teri Glembin at tglembin@d.umn.edu or 726-6507. For more info and to view a list of vendors, go to: <http://www.d.umn.edu/umdhr/wellness/farmersmarket>. For general info, contact Lita Wallace at lw Wallace@d.umn.edu or 726-7822.

specialEVENTS

MANAGING LAKE VICTORIA

An open forum, "Challenges to Aquatic Resource Management in Lake Victoria, East Africa and its Catchment", will be presented from 10 am-12 noon on Thursday, June 18 in the library. The speakers are Tom Okurut, executive secretary of the Lake Victoria Basin Commission, and Dick Nyeko, executive secretary of the Lake Victoria Fisheries Organization who will provide an introduction to the challenges of managing one of the world's great lakes. Lake Victoria is the world's second largest lake and sustains the largest freshwater lake fishery on earth. This event is free and open to the public. For more information contact Bob Hecky at 726-7926. Sponsors are the Large Lakes Observatory, the Office of International Programs, and the Center for Freshwater Research and Policy.

VIEW FROM THE LAKE CRUISES

Science-infused cruises aboard a Lake Superior research vessel will be held again this summer. The remaining schedule includes Bayfield, Wisconsin: June 20; Grand Marais, Minnesota: June 24, 25; Silver Bay, Minnesota: June 27; Superior, Wisconsin: July 16, 17, 18; Two Harbors,

Minnesota: July 25, 26; Duluth, Minnesota: July 30, 31, and August 1. To purchase tickets and make a reservations for the three-hour A View From the Lake trips go online at: <http://www.seagrant.umn.edu/vfl>, or call Minnesota Sea Grant: 218-726-8106. A View From the Lake 2009 is offered by the Minnesota Sea Grant Program and the University of Wisconsin Extension.

ALUMNI EVENTS

The United Day of Caring will be held June 24 and the UMD Alumni office has volunteered to clean-up Memorial Park in West Duluth. Volunteers are needed to help get Memorial Park in shape for the rest of the summer. For more information or to volunteer, contact the alumni office at 866-726-7164 or alumni@d.umn.edu.

UMD Alumni Association will host a hospitality tent at Grandma's Marathon on June 20 as a meeting place for family and friends after the race. It is only two blocks from the finish line in the parking lot of Canal Park Lodge, but it's away from the congestion. From 7:30 am - 11 am complimentary bagels and coffee will be served. From 8 am to 2 pm enjoy music and entertainment provided by KUMD 103.3 FM DJs and a cash bar. From 11 am to 2 pm a BBQ lunch, catered by Grandma's Restaurant Co., will be available for purchase. Lunch is FREE to alumni UMD runners when they present their race bib! Email alumni@d.umn.edu to let us know how many friends and family may stop by.

SOCIAL WORK IN RURAL AREAS

The 34th Annual National Institute on Social Work and Human Services in Rural Areas, sponsored for the first time by UMD Continuing Education and the Department of Social Work, will be held on July 27-28 at the Holiday Inn Hotel & Suites -- Downtown Duluth. This year's conference theme is Diverse Populations: Challenges for Rural Social Work in the 21st Century. A full conference schedule, including a pre-conference event, Holiday Inn lodging information, and various links to conference features, can be found at: <http://www.d.umn.edu/goto/rsconference>

THE HUSKIES AND ALUMNI

This family friendly event will take place on Thursday July 9 at 6 pm. Join UMD Alumni in the Kennel Club for all-you-can-eat-and-drink while watching the Duluth Huskies versus the Madison Mallards. The game begins at 7:05 p.m. at Wade Stadium in West Duluth. For more information call the Alumni Office at 218-726-7164 or email at alumni@d.umn.edu.



Reaching higher

GLENSHEEN

On Wednesday, June 24, the publisher and authors of *Will to Murder* will launch the fourth edition of their book at Glensheen, the historic Congdon estate. The event will feature a brief presentation and book signing by the authors; Gail Feichtinger, former Duluth-News Tribune crime reporter, and John DeSanto and Gary Waller, the men who investigated and prosecuted those responsible for the crimes. After the presentation, the authors will offer insight as guests tour relevant areas of the Congdon mansion. *Will to Murder* tells the story of the crimes that happened at Glensheen nearly 32 years ago. The youngest Congdon daughter, Elisabeth Congdon, and her nurse, Velma Pietila, were killed at Glensheen on June 27, 1977. The new edition of *Will to Murder* has the latest information on the still-evolving story. Two seatings are offered: from 6 - 7:30 pm and from 8 - 9:30 pm. Tickets run from \$15-\$25.

Glensheen will offer free Concerts by the Lake on Wednesday nights in July on the lawn beginning at 7:30 pm.

Le Nozze di Figaro – a comic opera by Mozart will be performed at Glensheen on Monday, August 3; Wednesday, August 5; Sunday, August 9 and Tuesday, August 11. The famous opera, set in Count Almaviva's castle in Seville in the late 18th Century, is transported to the shores of Lake Superior during this once-in-a-lifetime production. Each act takes place in a different space at Glensheen, the historic Congdon estate, creating an intimate and memorable experience for the audience. Seating is limited, \$50 per person.

The first tour at Glensheen begins daily at 9:30 am, and last tour begins at 4 pm. For info email glen@d.umn.edu or call 726-8910.

The free Festival of Fine Art and Craft will be held on Saturday August 15 from 9 am - 5 pm. The region's finest artists participate in the show named a "best bet" by the Duluth News Tribune and attended by thousands every year.

For information call 218-726-8910, 1-888-454-GLEN or e-mail info@glensheen.org, or see <http://www.d.umn.edu/glen/>.

CAMPUS NEWS

academic NEWS

GREAT LAKES RESEARCH CONFERENCE

The International Association for Great Lakes Research (IAGRL) selected Duluth as the site of its 54th annual conference, set for May 2010. The Duluth proposal was developed and submitted by the UMD Center for Fresh Water Research and Policy, working with University and local partnerships, including UMD Large Lakes Observatory, NRRI, Minnesota Sea Grant, GLMRI, Minnesota DNR, Great Lakes Aquarium, MPCA, and the U.S. EPA. This is the first time since its inception in 1953 that the IAGRL

annual conference will be held in Minnesota or anywhere on the shores of Lake Superior. For more information, see <http://ecommunication.umn.edu/t/105423/674357/49703/0/>.

MENTORS/STUDENTS WITH DISABILITIES

CEHSP student Anna Hewitt is one of 12 students selected in the United States to attend Mobility International's Cross-Cultural Perspectives on Disability Rights Leadership Program. Hewitt will travel to Costa Rica for 16 days this summer to take part in this prestigious leadership program. She is an active participant in the UMD Kirby Leadership Institute. Selection criteria included previous leadership experience, positive communication skills, and a commitment to disability rights.

PROMOTION AND TENURE

On May 8, 2009, the Board of Regents approved the following individuals for promotion and tenure: John Hamlin, CLA, Soc/Anth, to Full Professor; Paul Kiprof, SCSE, Chemistry, to Full Professor; Duane Millslage, CEHSP, HPER, to Full Professor; Bruce Peckham, SCSE, Mathematics & Statistics, to Full Professor; Ted Pedersen, SCSE, Computer Science, to Full Professor; Justin Rubin, SFA, Music, to Full Professor.

Julie Ernst CEHSP, HPER, to Associate Professor with indefinite tenure; Trudie Hughes, CEHSP, Education, to Associate Professor with indefinite tenure; Rachel Inselman, SFA, Music, to Associate Professor with indefinite tenure; Bedassa Tadesse, LSBE, Economics, to Associate Professor with indefinite tenure; Mariana Waisman, SFA, Art & Design, to Associate Professor with indefinite tenure; Peter Willemsen, SCSE, Computer Science, to Associate Professor with indefinite tenure.

DARLAND ALL-AMERICAN SCHOLARS

The following students have been selected to receive a Raymond W. Darland All-American Scholarship for the 2009-10 academic year: Natalia Hart, Biology major, psychology and health education minors; Olivia Hedlund, Anthropology major and Spanish major; and Eleni Johnson, Women's Studies major. The scholarship program was established by Regent Emeritus Richard L. Griggs in honor of Provost Emeritus Raymond W. Darland. Scholarship criteria are academic achievement and leadership contributions to UMD. Each student will receive a \$4,700 scholarship.

administrative NEWS

GREEN YOUR OFFICE

Wondering what you can do to help save the University some money AND help save our planet? Go green! UMD's Office of Sustainability is launching a "Green Your Office"

program, which gives practical tips about many topics related to sustainability including recycling, energy conservation, and ideas on how to reduce paper use, make better consumer choices, and host green events. Interested in starting discussion in your office? Contact the Office of Sustainability at sustain@d.umn.edu to schedule a presentation, and keep in touch with UMD sustainability news at www.addinguptozero.com

DAY OF CARING

Join the UMD Alumni Association as we give back to the community and participate in the United Way's Day of Caring. Volunteers will be cleaning up Memorial Park located in West Duluth at 5315 Grand Ave. starting at 9:00 a.m. on Wednesday, June 24, 2009. Our tasks will be to weed, mulch, rake etc. so please bring work gloves, shovels, rakes and other appropriate yard tools if possible.

Call the UMD alumni office at 726-7164 or email alumni@d.umn.edu to receive more information and to volunteer with our UMD alumni group.

UMD AT THE STATE FAIR

Join UMD at the Minnesota State Fair Thurs., Aug 27, Fri., Aug 28, and Sat., Aug 29. Stop by the UMD booth and learn more about UMD's vibrant campus and programs. UMD is inside the UM Crossroads building on Dan Patch Avenue and Underwood Street at the "Connect to the U" booth. Alumni, current students, future students and anyone else who has a UMD connection are welcome to stop by.

Departments and programs who would like to work at the fair booth should contact Cheryl Reitan, University Relations, creitan@d.umn.edu, 218-726-8996. The booth is open from 9 am - 9 pm. The Eni-gikendaasoyang Program/CEHSP, the Office of Disability Resources, and Admissions staff have already signed up. See: <http://www.d.umn.edu/unirel/homepage/09/statefair09.html>.

UMD STORES

UMD Market Day in the Plaza is held every Wednesday thru September 30 from 2-4:30 p.m. and features the farmer's market, live music, and artist's booths. UMD Stores offers specials during the Market Day that include 1/2-price fountain pop and selected hot beverages and 20% off one regularly priced item when using the black UMD reusable bags. (Some exclusions apply.) UMD Stores will give away 20 black UMD reusable bags each Wednesday through the summer. Visit <http://www.umdstores.com> or listen to KUMD 103.3 fm on Tuesday mornings at 8:15 a.m. to find out what's happening at UMD Market Day in the Plaza each week. <http://www.kumd.org>.

Father's Day specials include 30% off UMD Dad tees and crews and a free stamp with your Father's Day card purchase. UMD Stores Summer Sidewalk Sale will be July 29 -

August 2 in Kirby Plaza. Summer Cash for Books textbook buyback will be Thursday-Friday, July 20-31 from 8 a.m. - 3 p.m. in front of UMD Stores lower level.

Online textbook reservations for Fall semester is now open and online textbook buyback is available at www.umdstores.com.

Jefferson Lines offers daily bus service, year round, from the UMD Campus to the Twin Cities. Purchase tickets at UMD Stores street level.

For store hours, events, and merchandise visit www.umdstores.com.

UMD STORES AT GRANDMAS MARATHON

UMD is hosting a water station at Grandma's Marathon this year. Look for us at the 15 mile marker! If you're interested in volunteering, e-mail Teri Glembin, tglembin@d.umn.edu.

KUMD NEWS

Stop by the KUMD booth at the UMD Alumni Association Hospitality tent next to Canal Park Lodge on Sat., June 20 from 8 am - 2 pm during Grandma's marathon. KUMD will be playing music and handing out new bumper stickers, which include a peel-off coupon to redeem at an area bike and sports shop.

This week World Café features Here We Go Magic on Wed, June 17, Punk legend John Doe with the Sadies on Thurs, June 18, Piano-rockers Keane on Frid., June 19, and Old vs. New Music on Mon., June 22.

KUMD features live in-studio sessions including Northern Minnesota folk singer/songwriter Tim Fast on Fri., June 19 at 1pm.

The Sea Grant Files on Wednesday mornings at 7:45 am offers fresh news about fresh water. This Wednesday, June 17, Dr. Annie Cooper, a Sea Grant Legislative Fellow in the Senate Commerce Committee sub-committee on Oceans, Atmosphere, Fisheries, and the Coast Guard, will talk about genetically modified organisms.

KUMD is the official radio station of this year's Park Point Art Fair on June 27 and 28. Listen all next week for interviews and information about the local arts scene.

Listen live On-line at www.kumd.org or on the radio 103.3FM. To contact KUMD email kumd@kumd.org or call 726-7181.

faculty/staff NEWS

Sunshine Carter, assistant librarian, UMD Library, presented "The Biggest Bang for Your Buck: Using SFX's Advanced Collection Tool (ACT) to Help with Collection Development" in May at the Ex Libris Users of North America 2009 meeting in Richmond, Virginia.

John Hiller, professor, Department of Physics, and Research Fellow Sofia Chabysheva have published “Zero momentum modes in discrete light-cone quantization” in *Physical Review D*, vol. 79, 096012 (2009).

Alexis Pogorelskin, associate professor and head of the Department of History, recently presented a paper at the conference, Sound and Silent in the Space Between (1914-1945) at Notre Dame University. The paper, entitled “The Sounds of Silence: The Mortal Storm in Film,” won the prize for best paper at the conference.

Robert Repinski, associate professor of art, has two etchings included in “Fresh Air”, an exhibition featuring the work of Northern Printmakers Alliance members at the Bloomington Art Center through mid-August. The Duluth-based NPA celebrates its 10th anniversary this summer.

Associate Professor **Eun-Kyung Suh’s** paper sculpture will be exhibited at the “High Fiber” national exhibition at the Conrad Wilde Gallery, Tucson AZ from June 6 through July 25.

NRRI NEWS

Subhash Basak joined the Jagadis Bose National Science Talent Search of Kolkata, India, as an invited member of the Academic Advisory Board. This institution, founded in 1958, motivates, identifies and nurtures young, talented students of science in 14 selected states of India.

Bill Berguson, director of NRRI’s Forestry Program, was a co-author of “Driving on Biomass” in the May 22 issue of *Science*. The article can be read online at www.sciencemag.org/cgi/content/short/324/5930/1019. Authors are **Berguson**, John Ohlrogge, Doug Allen, Dean DellaPenna, and Yair Shachar-Hill, all from Michigan State University, and Sten Stymne from Swedish University of Agricultural Sciences. **Berguson** also received funding of \$150,000 to coordinate the national effort on hybrid poplars as an energy crop under the Sun Grant Initiative’s Regional Biomass Feedstock Partnership program. The Sun Grant Initiative is a network of land-grant universities and federally funded laboratories working together to further establish a bio-based economy. For information about the initiative go to www.sungrant.org.

Lucinda Johnson, Valerie Brady, Dan Breneman, Bob Hell, Noah Kroenig, Josh Dumke, Jeremy Erickson, and Brian Black attended the 57th Annual Meeting of the North American Benthological Society in Grand Rapids, Michigan, in May and gave the following presentations:

L. Johnson presented a talk on “Multi-scale approaches for quantifying effects of multiple stressors in aquatic ecosystems” co-authored by **Jennifer Olker, Pat Schoff**, Glen Guntenspergen (U.S. Geological Survey), Cathy Johnson (USDA Forest Service), J. Rohr (University of South Florida), and V. Beasley (University of Illinois School of Veterinary Medicine),

Josh Dumke presented a talk on “A selective wood removal technique to expose coarse substrate in small sand-embedded streams” co-authored by **Valerie Brady** and **Tom Hrabik** (UMD),

Jeremy Erickson presented a poster on “Determining the effects of urbanization on stream metabolism in Duluth streams” with co-authors L. Lehto (U.S. EPA-MED), **Lucinda Johnson, Rich Axler**, and B. Hill (U.S. EPA-MED),

Brian Black presented a poster on “Landscape effects on stream temperature in Minnesota streams of the Lake Superior Basin” with co-authors **Lucinda Johnson, Rich Axler, Valerie Brady**, and **H. Mooers** (UMD), and

Valerie Brady presented a poster on “Efficient and effective aquatic macroinvertebrate monitoring for rocky coasts” with co-authors **Lucinda Johnson, Dan Breneman**, and **Matt Gearhiser**.

Mark Severson was co-leader for two field trips at the 55th Annual Meeting of the Institute of Lake Superior Geology (ILSG), held in Ely on May 5-10. The trips were titled: 1) Cu-Ni Deposits of the Duluth Complex, and 2) Geology and Metamorphism of the Eastern Mesabi Range.

Euan Reavie gave a seminar presentation titled “Algae as indicators of stress in great rivers: phytoplankton versus periphyton” at the North American Benthological Society 57th Annual Meeting in Grand Rapids, Mich., May 2009. **Reavie**, along with, M.D. Balcer (Lake Superior Research Institute, UWS), A.A. Cangelosi (Northeast-Midwest Institute, Washington, DC), gave a presentation titled “Testing ballast water treatments on microorganisms at the Great Ships Initiative land-based facility,” at the 16th International Conference on Aquatic Invasive Species in Montreal, Quebec, April 2009.

Euan Reavie also gave the following invited presentations: “Tracking changes in the Great Lakes -- using phytoplankton for retrospective analyses and remedial solutions,” at the EPA Region 5, Great Lakes National Program Office in Chicago, Illinois, May 2009 and “Tracking changes in the Great Lakes - quality phytoplankton data are needed for retrospective analyses and remedial solutions,” at the EPA National Health and Environmental Effects Research Laboratory in Duluth, Minnesota, May 2009.

NRRI staff gave presentations at the 82nd Annual Meeting of the Society for Mining, Metallurgy and Exploration Mining Symposium held April 14 - 15 in Duluth. **Dave Hendrickson** chaired the Environmental Session and **Steve Hauck** chaired the Non-Ferrous Mining Session. At the event, the following people made presentations: **Tamara Diedrich**, "Environmental Study of Airborne Particulates in Population Centers on Mesabi Iron Range," **Mark Severson**, "Mesaba Deposit and Other Deposits," and **Jim Miller**, "New Educational Initiatives at the University of Minnesota Duluth: Preparing Students for Future Jobs in Mining and Minerals Exploration."

MN SEA GRANT NEWS

Dee Angradi, publications coordinator, presented Stop Aquatic Hitchhikers and Habitatattitude campaigns to 300 Lester Park Elementary students, April 29, Duluth, MN

Dale Bergeron, Maritime Extension Educator, participated in the Great Lakes Water Levels Public Meeting held by the International Joint Commission in Thunder Bay, Ontario on May 20.

Douglas Jensen, aquatic invasive species program coordinator, gave a guest lecture, "Moving Between Watersheds...It's About Stopping Aquatic Hitchhikers!," at a class at Woodland Hills Academy in Duluth, June 3. He also gave an invited paper "Effective Boater and Angler Education" at the Minnesota 2009 Lakes and Rivers Conference, May 7-8, 2009, Rochester, Minn..

Jensen gave a presentation, "Boat Wash Stations: Palliative or Cure?" and another "Stop Aquatic Hitchhikers! A Successful Campaign Preventing the Spread of Aquatic Invasive Species" co-authored by **D. Hinckel-Johnson, L. Stewart, M. Zhuikov, J. Rendall, S. Balgie, R. Martin, K. Bogenschutz,** and **P. Moy**, at the 16th International Conference on Aquatic Invasive Species, Montreal, Quebec, Canada, April 20-23. **Jensen** also facilitated a break out session, "Earth Day Every Day, Spread the News About Invasive Species" workshop for educators, managers, and research and policy makers at the Montreal Biodome.

Publications

"Shorelines Go Au Nature!," an article by **Sharon Moen**, science writer, was featured in the May issue of *Cabin Life Magazine*. www.cabinlife.com/cgi-bin/articles/csvread.pl?ID=MAY09-06

"Voracious Vegetation: Protecting your waters from invasive plants," an article by **Doug Jensen**, aquatic invasive species program coordinator, is featured in the May issue of *Cabin Life Magazine*. www.cabinlife.com/cgi-bin/articles/csvread.pl?ID=June09-08

"VHS-Free, So Far," an article by **Jeff Gunderson**, interim director, is featured in the 2009 *Lake Superior Angler Magazine*. www.steelheaders.org/news.htm

Program News

The UM Sea Grant Program is sending out regular "tweets" through the social networking services of Twitter. The messages contain facts about Lake Superior, Minnesota's inland waters, and news and information about upcoming events and opportunities. Access Minnesota Sea Grant's Twitter messages online at www.twitter.com/mnseagrant.

Planting and landscaping has begun in Duluth's Lakeside neighborhood as part of the Stormwater Runoff Reduction Project. Researchers and Sea Grant staff are working with neighborhoods as well as civil engineers in road construction to find ways to reduce stormwater runoff to streams in Duluth's cold climate and heavy clay soils. See: www.lake-superiorstreams.org/weber/LNSRP/index.html

Minnesota Sea Grant has just received confirmation from Mills Fleet Farm that the Stop Aquatic Hitchhikers! (SAH!) campaign will be featured at their 11 stores in Minnesota on July 11 during "Kid's Fishing Day" events. The effort will not only educate youths and adults about aquatic invasive species, but also Mills Fleet Farm staff. Mills Fleet Farm included the SAH! tattoo image on their promotional flyers.

On June 4 about 30 people attended the 2009 Great Lakes Rip Current Conference sponsored by Minnesota Sea Grant and the National Weather Service office in Duluth,. Highlights included insights into the lake physics influencing rip currents and hypothermia. Participants also discussed forecasting rip current conditions, how cold water can affect rescues, and educating beach users to recognize and escape from rip currents.

Minnesota Sea Grant staff presented aquatic invasive species information to about 750 students during the St. Louis River Quest, a not-for-profit organization operating under the auspices of the Duluth Seaway Port Authority. The program is designed to instill environmental stewardship in area sixth graders while helping them understand industrial, commercial and recreational activities in the Duluth Superior Harbor. (www.duluthport.com/rqhistory.html)

Staff also presented Sea Grant messages to 800 northern Minnesota and Wisconsin elementary students on May 15 at the Lake Superior Zoo's Earth Tracks event in Duluth. Also in the middle of May, staff worked with hundreds of middle and high school students and teachers, and university

researchers to make the Lake Superior Youth Symposium, held at the College of St. Scholastica, a success. The *Lake Guardian* will be taking teachers and Great Lakes Sea Grant staff out onto Lake Superior on July 7-13. The excursion is part of the Shipboard and Shoreline Science Workshops being offered through The Center for Ocean Sciences Education Excellence (COSEE) Great Lakes.

On June 6, Sea Grant staff participated in the Regional Stormwater Protection Team's Third Lake Superior Watershed Festival in Duluth. Approximately 500 people came by the booth where staff were talking about managing rainwater and snowmelt.

MEDICAL SCHOOL-DULUTH NEWS

On June 5 over 150 people packed the University of Minnesota Medical School-Duluth's atrium for the dedication of the new Duluth Medical School Legends and Leaders Wall of Honor and sculpture. The 40-year milestone memorialized the 1969 legislation that started the School. The Wall of Honor recognizes donors who supported programs, buildings, research and scholarships with gifts of \$10,000 or more or who specified a gift to the school in their wills; founding and charter faculty; founding physicians – a group of local physicians who became the first teachers and administrators; Duluth legislators who passed key bills in 1969 and 1974 to develop the curriculum, hire founding faculty and fund the building; community leaders who advocated for the school; and UMD administrators in the early 70s. Their names are on 182 nameplates on the Wall which also has open space to recognize those who will be honored in the future.

PHARMACY NEWS

Bjoern Bauer has been invited to speak at the 8th Cerebral Vascular Biology Biennial Meeting of the International Brain Barrier Society (IBBS) to be held June 28-July 2, 2009, in Sendai, Japan. He will present "P-glycoprotein and the Sacred Disease - New Targets to Treat Drug-Resistant Epilepsy."

Grant Anderson gave an invited oral presentation entitled "Thyroid Hormone Transporters and the Blood-Brain Barrier" at the Canadian Society of Pharmacology and Therapeutics Annual Conference in Saskatoon, Saskatchewan, on June 1, 2009.

umd COMMUNICATION

ABOUT CURRENTS:

Questions? Contact Cheryl Reitan at 726-8996. Submit items to *Currents*, by emailing currents@d.umn.edu. *Currents* can be viewed at www.d.umn.edu/currents. The schedule for the next Summer Session issue is: Deadline: Wed., July 22; Print date: Tues., July 28

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