EVENTS

art EVENTS

TWEED MUSEUM EXHIBITS

"New Installation of Works from the Richard & Dorothy Rawlings Nelson Collection of American Indian Art" will continue through Aug. 16.

The collection feature, "Blue Dot: The Real Good Chair," which illustrates contemporary industrial design will be on display through Sept. 5.

"Brave, Strong, True: Selections from the Potlatch Collection of Royal Canadian Mounted Police Illustrations," includes paintings and illustrations of Mounties set against breathtakingly beautiful backdrops of western Canadian scenery. The exhibition will be on display through Sept. 12.

"In 3D: Selections From the Collection" will continue through Sept. 13.

The exhibition, "You and Yours: A Curatorial Project on the Theme of Family by Patricia Briggs" will be on display through Oct. 17.

"Form and Surface: Selections from the Glenn C. Nelson Collection" will be on display through Nov. 7.

"Entertaining the Gods: Yarn Paintings of the Mexican Huichol" will be on display through Dec. 20. This exhibit showcases various symbolic paintings made with colorful strands of yarn by native Huichol (WEE-chol) people of Mexico. Bright, bold and joyful, they originally functioned as aids to spiritual leaders, as they communicated between the Gods of the Huichol peyote religion and earthly life.

For Tweed Museum information go to http://www.d.umn.edu/tma, contact tma@d.umn.edu or call 218-726-8222.

music EVENTS

SIEUR DU LUTH OPERA SCENES

On July 29 at 7:30 pm, members of the Sieur Du Luth Opera Training Program will perform scenes and arias from your favorite operas at the UMD Weber Music Hall. Tickets can be purchased at 218-726-8561 or at www.umdartsfest.com

SIEUR DU LUTH OPERA GALA

The festive conclusion of the Sieur Du Luth Opera Training Program will be held Aug. 1 from 2-4 pm in Weber Music Hall. The gala presentation will consist of opera arias with orchestra accompaniments. Tickets can be purchased at 218-726-8561 or at www.umdartsfest.com
EVENTS, lectures, workshops

BOULDER LAKE ELC

There will be a free Dragonfly/Damselfly Field Workshop on July 31 from 9 am-4 pm.

Archaeology Series: Woodland Period will be presented on Aug. 15 from 1-3 pm.

Master Naturalist Volunteer Training will be held Aug. 24, 28, 31 and Sept. 7, 14, 18, 21, 28. The training will be instructed by Larry Weber and John Geissler. Pre-registration is required and space is limited to 22 participants. For more information and to register, visit http://www.minnesotaoutdoor_teacher.org/courses/register/?courseId=208

The Fifth Annual Agate Festival will be held Saturday, Oct. 9 from 1-3:30 pm.

For more information about these events, visit www.boulderlake.org or email jdgeissl@d.umn.edu.

For directions to Boulder Lake ELC, visit http://www.boulderlake.org/maps/Directionsmap.pdf

PLANETARIUM

The Marshall W. Alworth Planetarium holds free public shows at the planetarium every Wednesday and Friday 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.

special EVENTS

MARKET DAY IN THE PLAZA

UMD's Market Day in the Plaza will be held every Wednesday through Sept. 29. Market Day consists of a farmers market, arts and crafts, live entertainment, and more. The market runs from 1:30-4:30 p.m. or until sellout and is located in 1120 Kirby Drive, in front of UMD Stores. For more information, visit http://www.d.umn.edu/umdhhr/wellness/farmersmarket/

The event is sponsored by UMD Employee Wellness Program, Department of Human Resources, UMD Stores, Auxiliary Services, Office of Civic Engagement, and Sustainable Farming Association.

SIDEWALK SALE

UMD Stores Summer Sidewalk Sale will be held July 28 through Aug.1 in Kirby Plaza. Save up to 70% off UMD wear, gift, art supplies, snacks, bargain books, select textbooks, office and school products, and more.

SUMMER CASH FOR BOOKS

Textbook buyback will be held Thursday, July 29 and Friday, July 30 from 8 am-3 pm in front of UMD Stores lower level.

Online textbook reservations for Fall semester are now open and online textbook buyback is available at www.umdstores.com. UMD Stores textbook department offers new and used textbooks, digital textbooks, and new this year, a few titles will be offered as rental textbooks.

TALL SHIPS DULUTH

As part of Tall Ships Duluth 2010, UMD's School of Fine Arts presents Gilbert and Sullivan's Pirates of Penzance, July 29-Aug. 1 at 6 pm at Bayfront Festival Park stage. This comic operetta is filled with tender-hearted pirates, wide-eyed young lovers, and the very model of a modern Major-General. The show is co-produced by the Duluth Playhouse.

Admission to the operetta is included in the price of a Tall Ships Duluth 2010 ticket. To view various ticket packages, visit http://visitt duluth.com/tall-ships or call 1-800-736-8636.

UMD AT THE STATE FAIR

UMD faculty, staff, and students are invited to sign up for the UMD Booth in the Crossroads Building on Dan Patch Avenue at the Minnesota State Fair on Aug. 27 and Aug. 28. The booth is open from 9 am-9 pm.

The UMD Marching Band will again entertain the crowds. Theatre students will also be back. For more information, see: http://www.d.umn.edu/unirel/homepage/10/statefair2010.html

For additional information or to sign up for the booth, contact Cheryl Reitan, director of marketing and communication, at creitan@d.umn.edu or 218-726-8996.

BOAT FESTIVAL

UMD will be participating in the Lake Superior Dragon Boat Festival on August 27-28. The race day will be held at Barkers Island on the 28th.

The UMD Team consists of 22 paddlers and one drummer. Individuals who are interested in paddling and can commit to the race day, which can run from 7 am-7 pm depending on race times, are needed. No prior experience is required, but attendance at 2 one-hour practice sessions the week before is mandatory.

This event raises money for digital mammography at St. Mary's Hospital of Superior.
If you are interested in participating or would like more information, contact Wendy J. Larrivy at wlarivv@d.umn.edu or Tracey Lundgren at tlundgr1@d.umn.edu.

GLENSHEEN

GLENSHEEN EVENTS

On Saturday, July 31 Chancellor Kathryn A. Martin will host the Tall Ships Gala from 7-10:30 pm. Cocktails and hors d’oeuvres will be served, followed by a plated dinner and entertainment.

On August 2-3, 9-12, and 16-17, at 8 pm Italian composer Gaetano Donizetti's operatic melodrama L'Elisir D'Amore – The Elixir of Love will be performed in the formal garden.

The Festival of Fine Art and Craft will be hosted on Glensheen grounds on Aug. 14 and 15 from 9 am-5 pm. The festival features some of the region’s finest artists and is attended by thousands every year. The event is free to attend.

The Glensheen 2010 Croquet Tournament will take place on Saturday, Aug. 28 from 9 am-4 pm. Dress the part by donning your croquet whites, and enjoy a champagne toast at the end of the day.

The historic Congdon estate, Glensheen mansion, is open for tours daily from 9:30 am-4 pm. For more information and prices for the events listed above, visit http://www.d.umn.edu/glen/, call 218-726-8910, or email glen@d.umn.edu.

CAMPUS NEWS

academic NEWS

STUDY IN ENGLAND PROGRAMME

As of July 1, 2010, the UMD Study in England Programme will be held at the University of Worcester in Worcester, England. Under the Programme, undergraduate students will spend one academic year at the University of Worcester enrolled in a variety of classes. A UMD professor will serve as Programme Director each year along with four other UMD faculty members who will teach in the curriculum. Both campuses will engage in faculty exchange and collaborative research projects.

WOODS HOLE BIOLOGY PROGRAM

Allen Mensinger, associate professor, UMD Department of Biology, co-founded a new undergraduate research program at the internationally renowned Marine Biological Laboratory (MBL) in Woods Hole, Massachusetts. Along with Paul Malchow, a faculty member at University of Illinois, Chicago, Mensinger developed the Biological Discovery in Woods Hole (BDWH) program, pairing undergraduates and faculty mentors for summer research in molecular and cell biology, neurobiology and behavior, physiology, developmental biology, ecology, and evolutionary biology.

In this inaugural year of the program, Samantha Lindemann, biology major at UMD, joins nine other promising junior and senior undergraduates from U.S. universities. Each student is paired with MBL scientists as research mentors; Mensinger is Lindemann's mentor.

INTERNATIONAL PROPOSALS DUE

The International Education Office (IEO) is now accepting program proposals to lead 2010-2011 short-term international programs. The IEO website has a faculty resource page with information on program development guidelines (faculty handbook), program proposal form and program time lines at: http://www.d.umn.edu/ieo/faculty/index.htm.

The priority deadlines for program proposals are Aug. 6 for winter break (J-term) programs and Nov. 5 for May/summer programs.

Contact Leigh Neys at lneys@d.umn.edu with any questions or to schedule an appointment to discuss your program proposal.

administrative NEWS

EDIBLE LANDSCAPE

As part of a campus-wide effort to be more sustainable and energy efficient, various vegetable gardens have been constructed and planted this summer by Facilities Management, as well as student and staff volunteers. When the crops come in this fall, they are planning on being used for various health food workshops as well as a possible harvest festival. Not only do the gardens help educate those on campus and in the community about healthy eating habits and diet but they also hope to control the temperature in the classrooms that lie below them in the Life Science building.

BAGLEY CLASSROOM

On June 22 the new state-of-the-art sustainable Bagley Classroom, located on the 55-acre Bagley Nature Area, opened its doors. Much of the building is made from recycled and local materials and all exposed materials are maintenance free. This classroom will be primarily used by the Department of Biology as well as environmental studies, outdoor management/operations studies and recreational outdoor programs.
CIVIL ENGINEERING BUILDING
The new $15 million Swenson Civil Engineering Building, located next to Voss Kovach and the Library, had its grand opening June 28. The Civil Engineering Building is the second Leadership in Energy and Environmental Design (LEED) and Certified GOLD Award building on campus. LEED certification is a rigorous process that evaluates the environmental sustainability of building design, construction and operation. With two-story high "mega labs," the newest addition to campus will allow the also new and growing civil engineering program to have a building as unique as their curriculum.

faculty/staff NEWS

Jay Austin, professor of physics at the Large Lakes Observatory, was mentioned in The New York Times for his research on temperature change in Lake Superior. For the full article visit, http://nyti.ms/98rba3.

Steve Colman, director, Large Lakes Observatory and professor, Department of Geological Sciences, had a research study published in Science, the world's leading journal of scientific research. UMD postdoctoral researcher Dr. Shiyong Yu, who is now at Tulane University, conducted this significant research study under Colman's supervision. To find out more about the study, which is titled "Freshwater Outburst from Lake Superior as a Trigger for the Cold Event 9300 Years Ago," visit: http://www.d.umn.edu/news/2010/June/21.html

Dalibor Froncek, professor, Department of Mathematics and Statistics, presented a talk "Decompositions of Complete Bipartite Graphs into Generalized Prisms" at Fourth Pythagorean Conference, an advanced research workshop in geometry, combinatorial designs & cryptology, in Corfu, Greece. This was a joint work with Sylvia Cichacz from AGH-UST Krakow, Poland, who was a Fulbright Junior Scholar at UMD's Department of Mathematics and Statistics in 2007–2008.

Ahmed Heikal, associate professor, Department of Chemistry and Biochemistry and Department of Pharmacy Practice and Pharmaceutical Sciences (Adjunct), was awarded a grant in aid of research, artistry, and scholarship in spring 2010. The objective of this grant is to understand the role of cholesterol in the structure-function relationship in the plasma membrane during the cell response to external stimulation.

Heikal and his colleagues have also been awarded a grant from the Office of Interdisciplinary Initiatives, University of Minnesota, to establish an "Interdisciplinary Life Science Consortium" for promoting interaction/collab-
oration among UMD researchers from different disciplines. More information can be found at: http://www.grad.umn.edu/oii/Groups/current/IDLifeSciences.html

John Hiller, professor, and research fellow Sophia Chabysheva, both of the Department of Physics, presented papers at the Light-Cone Workshop on Relativistic Hadronic and Particle Physics in Valencia, Spain, in June and at the QCD@Work workshop on QCD Theory and Experiment in Martina Franca, Italy, on June 20. Hiller spoke on "Pauli-Villars regularization of field theories on the light front" and Chabysheva on "Nonperturbative calculations in light-front QED".

Professor Ron Marchese and Professor Emeritus Thomas Hedin brought 22 students to Greece as part of the Office of International Programs "Classical Study Tour of Greece" last May.

Marchese, along with his colleague Dr. Andreas Konency, published a featured article, "Plataiai: More than a Famous Battle." in the nationwide publication of The Hellenic View. The article dealt with their research on ancient Plataiai in central Greece. The research, which has taken over 10 years, has defined a previously unknown ancient city of some magnitude.

Marchese also recently appeared in the the national publication of Alpha Phi Omega National Service Fraternity Our Community Leaders. Marchese is a faculty advisor for the Nu Mu chapter at UMD.

Ted Pedersen, professor, Department of Computer Science, presented a paper entitled "Information Content Measures of Semantic Similarity Perform Better Without Sense-Tagged Text" at Human Language Technologies: The 11th Annual Conference of the North American Chapter of the Association for Computational Linguistics, held in Los Angeles in June.

Pedersen also co-organized the Young Investigators Workshop on Computational Approaches to Languages of the Americas, which was held in conjunction with Human Language Technologies: The 11th Annual Conference of the North American Chapter of the Association for Computational Linguistics. This workshop drew participants from all over the Americas, including Brazil, Argentina, Uruguay, Colombia, Costa Rica, Mexico, and the United States.

Daniel N. Pope, associate professor, Department of Mechanical and Industrial Engineering, along with Vasudevan Raghavan, and George Gogos, had their paper, "Gas-phase Entropy Generation During Transient Methanol Droplet Combustion." published in the International Journal of Thermal Sciences.
Eun-Kyung Suh, associate professor, Department of Art and Design, and Cecilia Ramon, instructor, Department of Art and Design, both have sculpture and installation pieces on display at the Hopkins Center for the Arts through Aug. 8. Both artists share an interest in using visual media to explore the relationship between body, mind, and object.

This show is part of an ongoing series of free, public exhibitions at the Hopkins Center for the Arts. For more information, go to http://www.hopkinsartscenter.com

Suh's exhibition titled "The Voided" is featured at the Minneapolis Institute of Arts. The installations, which are comprised of many pieces each containing a snippet of information, will be on display in the Minnesota Artists Exhibition Program Gallery through Sept. 26.

NRRI NEWS

Blair Benner was named Mining Professional of the Year at the Minnesota Section of the Society for Mining, Metallurgy and Exploration (SME) annual conference in April in Duluth. Benner has over 40 years of research and development experience in mineral processing and extractive metallurgy. His recent efforts are focused on the application of mineral processing techniques for environmental remediation.

Ron Moen, and his research on the Canada lynx was published as the cover story for the current July/August 2010 issue of Canadian Geographic. For the full article visit, http://www.canadiangeographic.ca/magazine/ja10/lynx-cross-border-cat.asp.

The Weber Stream Restoration Initiative received the 2010 Environmental Stewardship Award from the Lake Superior Binational Forum on July 9. Cameron Davis, senior advisor on the Great Lakes to the U.S. EPA presented the award to Ron Weber whose private donation started the Initiative. The award recognizes the comprehensive stream protection and restoration activities of this partnership in the western arm of Lake Superior.

The Initiative was highly scored by the U.S. and Canada judging panel because it represents a partnership of scientists and resource managers from more than 25 different groups coordinated by UMD's Natural Resources Research Institute. UMD's Minnesota Sea Grant program and the University of Minnesota Extension Service are also collaborators. Focusing on the impaired Amity Creek and Lester River watersheds in Duluth, the project partners provide financial, scientific and labor support. Over the past five years, this collaboration has culminated in at least 13 stream-related projects along the North Shore of Lake Superior.

Jeff Gunderson, director, served on the symposium steering committee and presented a paper on "Great Lakes Invasive Species at the International Symposium on Genetic Control of Invasive Fish" held in Minneapolis in June.

Doug Jensen, aquatic invasive species program coordinator, organized an exhibit at the 9th annual Mills Fleet Farm Kid's Fishing Day on July 10. The exhibit taught children how to recognize invasive species and how to prevent their spread. Other experts from the Minnesota Department of Natural Resources (DNR), Wildlife Forever, and lake associations were on hand to answer questions.

Jensen and Mallory Anderson, program intern, helped staff the Stop Aquatic Hitchhikers! booth at the Two Harbors Heritage Days, July 9-10. Co-hosted by Minnesota Sea Grant and the Minnesota DNR's Watercraft Inspection Program, visitors were taught about the threats aquatic invasive species pose to our waters and how to prevent their spread.

Jensen also gave an invited presentation, "Stop Aquatic Hitchhikers! In Your Neck of the Woods," at a meeting of the Golden K Kiwanis Club, Cloquet, Minnesota, on July 20.

Jesse Schomberg, coastal communities and land use planning extension educator, and Dr. Valery Brady, research coordinator, conducted a Rain Garden class in Duluth's Lakeside neighborhood in June. A dozen residents helped build a rain garden that will reduce stormwater run-off and help protect area streams. The class is part of the Lakeside Stormwater Reduction Initiative, a partnership between Minnesota Sea Grant, the Natural Resources Research Institute (NRRI) and the City of Duluth. The next class will be held on August 11, and there is still room to sign up. To register call 218-726-8106.

MEDICAL SCHOOL-DULUTH NEWS

See next issue of Currents.

PHARMACY NEWS

See next issue of Currents.
ABOUT CURRENTS:

Questions? Contact Cheryl Reitan and Kathleen McQuillan-Hofmann at 218-726-8996. Samantha Lefebvre, and Caroline D. Kennedy helped edit this issue of Currents. Submit items to Currents, by emailing currents@d.umn.edu. Currents can be viewed at www.d.umn.edu/currents.

The fall Currents schedule is:
   Print Date: Tues., Sept. 7, 2010
   Print Date: Tues., Sept. 21, 2010
Deadline: Wed., Sept. 29, 2010
   Print Date: Tues., Oct. 5, 2010
   Print Date: Tues., Oct. 19, 2010
   Print Date: Tues., Nov. 2, 2010
Deadline: Wed., Nov. 10, 2010
   Print Date: Tues., Nov. 16, 2010
   Print Date: Tues., Dec. 7, 2010

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