EVENTS

TWEED MUSEUM EVENTS

On Thurs., Oct. 7 at 10:30 am, the Tweed will attempt to set a new world record for the greatest number of people reading the same book on the same day. Ezra Jack Keats' *The Snowy Day* will be read.

Family Art Hour will be held on Fri., Oct. 22 from 1-4 pm. The event features museum games, art activities, stories and refreshments. It is for all ages and is free and open to the public.

Digital Art Workshop for Youth (ages 11-14) is offered at the Tweed every Tuesday from Oct. 12-Nov. 14 from 4 pm-5:30 pm. The Show & Tell is on Nov. 21.

EXHIBITS

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.

"Gilbert Munger: Niagara Falls" will be on display through Dec.

"Variations on a Theme" will be on display through Dec.

"Entertaining the Gods: Yarn Paintings of the Mexican Huichol" will be on display through Dec. 20.

"Our Own State Fair: Artists of Minnesota from the TMA Collection" will continue through Feb. 13.

"In 3D: Selections From the Collection" will continue through Mar. 25.

Works from the Richard and Dorothy Rawlings Nelson Collection of American Indian Art continues at the Tweed.

Student shows will be featured throughout the year: Lydia Kepulis and Melissa Kirchoff from Oct. 5-10, Steve Read from Oct. 12-17, Chad Lieske from Oct. 19-24, Rachel Heisler from Oct. 26-31, Gina Gleason from Nov. 2-7, Lorena Sell and Tara Mathison from Nov. 9-14, Shawntelle Bates and Amara Barthelemy from Nov. 16-21, Michelle Bennett from Nov. 30-Dec. 5, Amber Burns from Dec. 7-12, and Maria Witham from Dec. 14-19.

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

music EVENTS

All events will be held in Weber Music Hall.

The Ninth Annual Weber Concert, presented Oct. 13 at 7:30 pm, features the Symphony Orchestra & Chamber Orchestra, University Singers and Concert Chorale.

Trumpet players Tom Pfotenhauer and David Cooper will present a Guest Artist Recital on Oct. 19 at 7:30 pm.

Laura Young, solo classical guitar, will present a Guest Artist Concert on Oct. 22 at 7:30 pm.

Choral Ensembles presents the Concert Chorale, University Singers, and Chamber Singers...
as they premiere a new work by Irish composer, Rhona Clarke, with guest conductor Dr. Marion Doherty Hayden on Oct. 24 at 3 pm.

A Senior High Honor Choir concert will be held on Oct. 25 at 4 pm.

Nicolas Mallarte, piano, will present the Ovation Guest Artist Series Concert on Oct. 26 at 7:30 pm. Volcanic ash prevented this performance from being given last April.

A Senior High Honor Orchestra concert will be held on Oct. 29 at 4 pm.

A Faculty Artist Recital featuring Justin Rubin, organ, will be presented at 3 pm on Oct. 31.

For more information, call 726-8561, or see http://www.d.umn.edu/music.

theatre/dance EVENTS

Rodgers & Hammersteins' South Pacific will be performed on Oct. 21, 23, 27, 30 at 7:30 pm and Oct. 24 at 2 pm on the Marshall Performing Arts Center mainstage.

For information, call the UMD Box Office at 726-8561 or see http://www.d.umn.edu/theatre.

athletic EVENTS

CROSS COUNTRY

The Men's and Women's Cross Country teams will hold a meet, the UMD Pine Hill Invitational & Alumni Day, on Oct. 9 in Carlton, MN. The men will start at 10 am and the women will start at 10:45 am.

FOOTBALL

The UMD Bulldog Football team will play against Winona State for the Hall of Fame Game at 6:05 pm on Oct. 9. UMD's Homecoming game against the University of Mary will be held at 1:05 pm on Oct. 16, and Senior Day begins at 1:05 pm on Oct. 30 against St. Cloud State. All games will be played at Malosky Stadium.

MEN'S HOCKEY

The Men's Hockey team will play Providence College at 7:07 pm on Oct. 15 & Oct. 16, and Alaska-Anchorage at 7:07 pm on Oct. 22 & Oct. 23.. All games will be held at the DECC.

WOMEN'S HOCKEY

The Women's Hockey team will play Minnesota State-Mankato at 3:07 pm on Oct. 16 & Oct. 17, Connecticut at 3:07 pm on Oct. 23 & Oct. 24, and Minnesota at 7:07 pm on Oct. 29 & Oct. 30. All games will be held at the DECC.

SOCCER

The Soccer team will play University of Mary at 1 pm on Oct. 9, Northern State at 1 pm on Oct. 10, and Bemidji State at 3 pm on Oct. 22. All games will be played at Malosky Stadium.

VOLLEYBALL

The Volleyball team will play Upper Iowa at 7 pm on Oct. 15, Winona State at 4 pm on Oct. 16, St. Cloud State at 7 pm on Oct. 22, and Concordia-St. Paul at 4 pm on Oct. 23. All games will be held in Romano Gym.

For more information, contact the UMD Athletic Office at 726-7518 or see http://www.umdbulldogs.com.

EVENTS, lectures, workshops

DOMESTIC VIOLENCE AWARENESS

The Women's Resource and Action Center presents the following Domestic Violence Awareness Month Events: "Femicide Awareness Display" through Oct. 8 from 11 am-3 pm in the Kirby tabling area; "Clothesline Project Display" an all-day exhibit from Oct. 18-Oct. 29 in the Kirby Bus Hub; "Clothesline Project Workshop" on Wed., Oct. 20, 5-7 pm in Bohannon 346; "Annual Candlelight Vigil for Domestic Abuse Victims" on Thurs., Oct. 21 from 6-8 pm at St. Paul's Episcopal Church, 1710 E. Superior Street; the film, Tough Guise, on Wed., Oct. 27 from 11 am-1 pm in KSC 268; and a lecture by Coach Joe Ehrmann on Wed., Oct. 27 from 8-9:30 pm in the Romano Gym. For more info, contact Susana Pelayo-Woodward, 726-8444.

ALWORTH INSTITUTE EVENTS

Thomas Hanson, former U.S. Foreign Service Officer & Alworth Institute Diplomat in Residence, will present "On the Ground: U.S. Policy in Afghanistan, Pakistan & Iraq" on Oct. 6 at 7 pm in the Library Rotunda.

Deborah Good, Student Personnel Coordinator, UMD International Education Office will present "Pura Vida: Costa Rica Discovered" in the Brown Bag lecture series on Oct. 7 at noon in the Library Rotunda.


"Friluftsliv and Allemansrätt: Swedish Nature-based Outdoor Recreation and Universal Access to the Natural Landscape" an International Brown Bag lunch with Tom Berry, instructor from the UMD Department of Health, Physical Education and Recreation, will take place at noon on Oct. 21 in the Library Rotunda.

"The Wedding March: Stories from our Pre-Monsoon Wedding in Bangalore" an International Brown Bag lunch with Dr. Rebecca de Souza, assistant professor of the communication department, and Adam Pine, assistant professor of the geography department, will take place at noon on Oct. 28 in the Library Rotunda. For more info, contact 726-7493.
PLANETARIUM

The Marshall W. Alworth Planetarium holds free public shows at the planetarium every Wed. and Fri. evening at 7 pm. Stargazing Tonight will be presented on Oct. 6. "Solar System Extremes: Mercury vs Pluto" will begin planet month on Oct. 8 at the planetarium. On Oct. 13, Arrowhead Astronomical Society will present shows with varying topics. Private shows are available by appointment for groups of 10 or more. See list of shows at http://www.d.umn.edu/planet/programs.

GLBT QUEER HISTORY MONTH EVENTS

Erik Janzen presents the work of two artists, a filmmaker and a poet for the expression of gay male erotica from 6-8 pm on Oct. 7 in Kirby Student Center 268. A "Come out, Cookout" will be held from 11 am - 2 pm on Oct. 12 on the Kirby Terrace. A Hate Crimes Vigil will be held beginning at 5:30 pm on Oct. 13 on the Kirby Lounge The National Coming Out Day Luncheon will be held at noon on Oct. 14 in the Ballroom. The Fall Drag Show will be held from 7-10 pm in Kirby Lounge. Monday, October 25 Speaker: Barbara Satin will speak on "Growing Old and GLBT: It's Not For the Faint of Heart" at 5 pm on Oct. 25 in the Ballroom. Tuesday, October 26 The film, Amancio will be shown at 6 pm on Oct. 26 in the Rafters. For info, contact Angie Nichols at 218-726-7300.

GEOLOGY EVENTS

Stephen Brand, senior vice president technology, Conoco Philippus, will present "Life After… The Energy Industry Pathways” on Thurs. Oct. 7 at 3:30 pm in LSci 175. Mike Berndt, Minnesota Department of Natural Resources, Division of Lands and Minerals, will present "Sulfur and oxygen isotope composition of dissolved sulfate in the St. Louis River watershed, North East Minnesota" on Thurs. Oct. 21 in LSci 175 at 3:30 pm. Anders Carlson, assistant professor, Paleoclimatology Quaternary, Glacial Geology, University of Wisconsin-Madison will present "Sensitivity of the Greenland Ice Sheet to Past Climate Warming" on Thurs. Oct. 28 at 3:30 pm in LSci 175. For more info, contact geol@d.umn.edu.

RSOP EVENTS

RSOP presents the following events for October: "Outdoor Photography Basics" in the Bagley Building on Oct. 7 from 5–7 pm; "Learn to Sport Lead Climb Indoors" on Oct 7 from 6:30–9:30 pm in the RSOP fitness center; "Northwoods Sampler on the Gunflint Trail and BWCA" on Oct. 8 at 3 pm to Oct. 10 at 6 pm; "Buckthorn Pull: Removing Exotic Species from Bagley Nature Area" on Oct. 12 from 3–7 pm, "Traditional Lead Climbing Clinic" on Oct. 14 from 6:30– 9:30 pm; "Fall Color Hike and Rappel" on Oct. 16 from noon–5 pm, "Women’s Climb" on Oct. 18 from 8–10 pm; and "Halloween Paddle" on Oct. 31 from 9 am–4 pm. For more info, visit www.umdrsop.org.

CHEMISTRY EVENTS

The UMD Department of Chemistry and Biochemistry presents a lecture by Kurt Heikkila, CEO of Tundra Technologies, and a UMD 2010 SCSE Academy Inductee on Fri. Oct. 8 at 3 pm in LSci 175. For more info, contact chemsem@d.umn.edu.

BIOLOGY EVENTS

The Department of Biology presents "Reminiscences of a Multifaceted Career," a lecture given by UMD 1949 Alumni Bruce Huntington Warren on Fri. Oct. 8 at 3 pm in LSci 185. Warren is a retired colonel for USAF Medical Corps, a retired professor at University of Texas Health Science Center in San Antonio, and a UMD Biology 2010 SCSE Academy Nominee. For more info, contact biosem@d.umn.edu.

GOVERNOR CANDIDATE RALLIES

On Fri. Oct. 8, a rally for DFL Governor candidate Mark Dayton will begin at 1:15 pm in the Kirby Lounge. Mark Dayton will begin speaking at 1:45 pm. It is part one of a three-part series of rallies for Minnesota governor candidates to get out the student vote. Introductory Speakers will be Daniel Fanning, deputy state director for Sen. Al Franken; Jeff Anderson, Duluth city council president; and Kerry Gauthier, Duluth city councilor. Sponsored by the Office of Civic Engagement and Student Association. For more info, contact umdcivic@d.umn.edu.

BOULDER LAKE EVENTS

The Fifth Annual Agate Festival will be held Sat., Oct. 9 from 1-3:30 pm. A dutch oven baking demo will be held Oct. 12 from 6-7:30 pm. The talk "How to Use a GPS Receiver for Loggers, Foresters, Landowners, Sportsman, and Geocachers" will be held on Oct. 23, from 9 am-noon; $40 per person. An aquatic invasive species talk will be held on Oct. 27 from 7-8 pm. All events require pre-registration. For info visit www.boulderlake.org, email jdgeissl@d.umn.edu, or call at 218-721-3731.

CAREER SERVICES

Career Services presents the workshop "What are Employers Looking for?" on Mon. Oct. 11 from 4-5 pm in Mon. 70. It is open to UMD students and alumni. The Head of the Lakes Job & Internship Fair is a general (all majors) job fair held on Oct. 13 from 10-2 pm
in the Ballroom. Employers will be seeking candidates for internships and full-time positions, as well as promoting their company. On-campus interviews in conjunction with the Fair will be held Oct. 13 and Oct. 14.

A "Getting Ready for the Job Fair" workshop will also be held for students on Oct. 6 from 4:30–5:30 pm in Career Services. For more info contact Career Services at 218-726-7985 or carserv@d.umn.edu.

MULTICULTURAL EVENTS

The film, When Worlds Collide, will be shown at noon on Oct. 12 in KSC 273. It illuminates the origin of today's Latino culture in the United States through the untold story of what happened in the Americas after Columbus. It is sponsored by Latino/Chicano Student Programs and Latino/Chicano Student Association, and WDSE WRPT Public Educational Television.

On Oct. 24 the Multicultural Center will display the "Dia de los Muertos"-Day of the Dead Exhibit in KSC. For info, contact swoodwar@d.umn.edu.

A Queer History Month Display will be located in the Multicultural Center from Oct. 1-20. Sponsored by UMD GLBT Services and Queer and Allied Student Union. For more info, contact Angie Nichols at 218-726-7300.

LOVE YOUR BODY WEEK


"If only I was..." workshop will be held on Oct. 15 from 3-5 pm in the Kirby Rafters presented by Cara Pearson of the YWCA Duluth. For more information, contact WRAC at wrac@d.umn.edu.

VISUAL LECTURE SERIES

Jim Gaylord will give a presentation on painting and drawing at 6 pm on Tues., Oct. 26, in Montague 70. For info, contact the Department of Art and Design, 726-8225.

special EVENTS

VOTE FOR BOB

Voting has begun for the Liberty Mutual Football Coach of the Year Contest, the only contest that recognizes coaching excellence both on and off the field. UMD Coach Bob Nielson, who came very close last year, will be a favorite. Four coaches will be awarded $50,000 for charity and $20,000 for their alumni associations. NEW this year: an additional $10,000 prize awarded to the alumni association that rallies the most votes for their coach, win or lose. Vote for Bob every day through Dec. 4 at http://www.coachoftheyear.com. Check out the video a UMD student made: http://www.youtube.com/watch?v=n2nNmRC95hU.

Vote for Bob Nielson for Coach of the Year and be entered into drawings for prizes from Oct. 4-Dec. 4. Enter a drawing for an Apple iPad. Participants must come to the UMD Stores' Computer Corner during hours of operation and demonstrate proof of voting on their computer or phone. Drawings for prizes will be held on Mon. Oct. 18, Nov. 1, and Nov. 15. All entries and bi-weekly winners are eligible for the Grand Prize Drawing, an Apple iPad. The Grande Prize winning number will be drawn and announced on Mon. Dec. 13. For info, contact alumni@d.umn.edu.

HEALTH SERVICES EVENTS

UMD Health Services will offer their annual Depression Screening on Oct. 6, in the Kirby Ballroom from 1-3 pm. Visitors can watch a video, fill out a screening tool, and meet with a counselor one-on-one. For more info, contact Health Services at 218-726-8155.

MAJOR/MINOR EXPO

The "Chart Your Course: Major/Minor Expo" will be held from 10 am - 2 pm on Wed., Oct. 13, in the Kirby Student Center, across from bookstore. Students are invited to explore majors and careers. For info, contact arennne@d.umn.edu.

HOMECOMING 2010 EVENTS

UMD will hold a celebration of all things Bulldog from Wed., Oct. 13-Sat., Oct. 16. This year's events include concerts, giveaways and other events for UMD students, staff, faculty, and alumni. Pick up a t-shirt in the Kirby Commons for $5 starting Oct. 5.

Students, faculty, staff and kids are invited to meet the Bulldogs at the Non-Fire Bonfire on Thurs., Oct. 14 at 6 pm in Ordean Court. Cheer on your favorite in the hot dog eating contest, submit your child's entry for the coloring contest and enjoy free food from Famous Dave's.

A special hockey tailgate party will be held on Fri., Oct. 15 at Grandma's Sports Garden. Bring your U Card for $2 off the Bulldog Buffet and enjoy other food and drink specials from 5-7 pm.

To volunteer at any activities, contact Lacey Solheid, Student Traditions Manager, at solhe048@d.umn.edu. For a complete list of Homecoming activities, visit the website at http://www.d.umn.edu/homecoming.

LSBE: COMPETE TO SUCCEED

"Competing to Succeed: What it Takes to be Successful in the 21st Century" featuring Scott Anderson, Ph.D., Director and Senior Economist at Wells Fargo will be presented from 11 am-noon on Wed. Oct. 20 in the Weber
Music Hall. There will be refreshments prior to the presentation at 10:30 in Weber lobby. The event is part of the Labovitz School of Business and Economics Distinguished Speakers Series. For more info, contact LSBE at 218-726-7440.

GLENSHEEN

Glensheen’s third annual Halloween Living Literature will be held from Oct. 21-23. This year they’re partnering with UMD’s Theater and English departments and presenting Edgar Allan Poe’s “The Fall of the House of Usher.” The evening includes the performance, a flashlight tour of Glensheen mansion, and guided discussion with refreshments. The performance venue is small and there is limited seating.

The historic Congdon estate, Glensheen mansion, is open for tours daily from 9:30 am-3:30 pm. For more info and prices for events, visit http://www.d.umn.edu/glen/, call 218-726-8910, or email glen@d.umn.edu.

EVENTS, faculty and staff

DIVERSITY TRAINING

The UMD Office of Equal Opportunity has a "Diversity Training" workshop scheduled on Thurs., Oct. 7 from 1:30 pm-3:30 pm at KSC 333. For more info contact UMD Office of Equal Opportunity at 726-6827.

WELLNESS WORKSHOPS

"Surviving the Sometimes Empty Nest Syndrome" will be held on Thurs. Oct. 7 from noon-1 pm in KSC 323. For info, contact UMD Human Resources at 726-7161.

FALL 2010 IDS WORKSHOPS

Join IDS for these workshops: "Bringing the World to Your Classroom: Best Practices" held from 1-2:30 pm on Oct. 13 in KSC 268; "20-minute Mentor Film Festival" held from 1-3:30 pm on Oct. 25 in KSC 268; Creating Super Surveys" held from 10-11:30 am on Nov 12 in KSC 268; and "Just Us: Conversations on Issues and Isms" held from noon-1:30 pm on Nov. 19 in EduE 142. Register with Jason Ellis at jellis2@d.umn.edu.

JUST US

Just Us is an ongoing training and discussion group for faculty and staff on creating curriculum/programming to address cultural competence, racism, and establishing a more welcoming climate for all faculty, staff, and students. Sessions take place on Fridays in EduE 142 on: Oct. 29 from 8-9:30 am, Nov. 19 from noon-1:30 pm, and Dec. 10 from noon-1:30 pm. For more info, contact lrutherf@d.umn.edu or 726-6207.

TECH TALK PLUS

Tech Talk offers a forum for faculty from all disciplines to discuss uses and abuses of educational technology. All sessions will run from noon-1 pm in EduE 142. The sessions will be held on Wed., Oct. 6; Fri., Oct. 22; Thurs., Nov. 18; and Thurs., Dec. 16. Request to join the alias by emailing LeAne Rutherford at lrutherf@d.umn.edu

ITSS TECH TUESDAYS

"How to do Class Capture" with Bruce Reeves and Amanda Evans will be held at 2 pm on Oct. 12 in Viz Lab (154 MPAC). Join Debra Wing at 2 pm on Oct. 19 Viz Lab (154 MPAC) to learn how to use the Data Warehouse Tables or find a report already created in UMReports. For more info, contact Visualization and Digital Imaging Lab at 726-8093.

CAMPUS news

academic NEWS

GEOLOGY NEWS

The Precambrian Research Center conducted its fourth Precambrian geology field camp this summer from July 4-Aug. 14. The camp was attended by 22 students from 17 different school throughout the US. Two of the students are current UMD undergraduate students and two are incoming MS graduate students.

administrative NEWS

DONATE BLOOD

Memorial Blood Center will be on campus outside the Kirby Student Center on Thurs., Oct. 7. Stop by the Kirby Information Desk to sign up. Time slots are available from 8-11:30 am. For more info, contact the Kirby Information Desk at 726-7163.

FLU SHOTS

Seasonal and H1N1 flu shots will be available on campus in the KSC Lounge on Tues., Oct. 19 and Wed. Oct. 27 from 10 am-3 pm. Sponsored by UMD Health Services and the College of Pharmacy. Staff and Faculty with UPlan Insurance are covered with presentation of their insurance card and ID. All others will pay $20, cash or check only. For info, contact health@d.umn.edu.

2010 DEPARTMENT DECORATING

The Homecoming Department Decorating Contest is open to UMD departments. The theme this year is “Maroon the Marauders.” Departments must sign up by Mon. Oct. 11 at noon and judging begins on Wed. Oct. 13 from noon-2 pm. First place wins a pizza lunch with beverages and a trophy. For info, visit http://www.d.umn.edu/homecoming.
ACCESSIBLE TRANSPORTATION

Accessible transportation assistance is available on the UMD Campus. Departments are encouraged to arrange transportation for individuals with mobility limitations at the same time they arrange their other University-sponsored travel transportation needs.

Possible sources for this transportation include Courtesy Cab (218-590-9222) or Northern Access (218-728-5464). Requests for reimbursement of costs should be submitted to the UMD Business Office, 209 DAdB.

Questions regarding transportation arrangements, reimbursement requirements, and this procedure should be directed to Greg Sather, UMD Business Office, at 726-6137 or email gsather@d.umn.edu.

KUMD NEWS

On Oct. 11, KUMD will start airing "Democracy Now," a national news show. Tune in to KUMD at 103.3 FM or online at www.kumd.org Mon.-Fri. at 9 am to enjoy national, independent, award-winning news program hosted by journalists Amy Goodman and Juan Gonzalez. For info, see www.kumd.org.

UMD STORES

UMD Stores Balloon Sale will be on Wed., Oct. 13 from 7:30 am-8 pm in UMD Stores street level. Pop a balloon and receive 25%-80% off UMD wear and UMD imprinted gift items.

October is Breast Cancer Awareness Month, and UMD Stores will donate 50% of the selling price of each pink ribbon UMD cap, $4 from the sale of each pink ribbon Minnesota Duluth Bulldogs tee, and $20 from the sale of each pink UMD hockey jersey to St. Luke’s Regional Breast Center.

The first 500 people at the UMD Homecoming game onOct. 16 will receive a free UMD Bulldogs mini-football.

Wear UMD wear and get 20% off UMD wear on Fan Fridays throughout Oct. Save your UMD football, soccer, and volleyball game tickets and get 20% off UMD wear and gifts the Sat. and Sun. after the game attended.

Get 5% off UMD wear and gifts for every UMD touchdown during home games up to 30% off on Touchdown Tuesdays. Discount is good the Tues. after the game attended.

A Brighter UMD Energy Event will continue through Oct. 29 in UMD Stores Express. CFL light bulbs, desk lamps, table lamps, floor lamps, and more are specially priced through Minnesota Power to save energy and money. Minnesota Power will make a donation to the U-Pass Program for every product purchased through Oct. 31.

Shoppers can support local charities through the UMD Stores “Wooden Nickel Program” when they don’t take a plastic bag. Reusable bags and back packs are available for purchase at UMD Stores and plastic bag recycling containers are located at each entrance. For store hours, events, and merchandise visit http://www.umdstores.com.

faculty/staff NEWS

Clay Carter, associate professor, Department of Biology, and Wayne Xu, University of Minnesota Supercomputing Institute, have published "Parallel multiplicity and error discovery rate (EDR) in microarray experiments" in the journal BMC Bioinformatics.

Tim Craig, associate professor, Department of Biology, recently had a paper published entitled, "The resource regulation hypothesis and positive feedback loops in plant-herbivore interactions." The paper appeared in Population Ecology, vol. 52, pages 461-473.

Douglas Dunham, professor, Department of Computer Science, attended five conferences in June, July, and August, giving talks at each. The first paper, "Creating Families of Repeating Patterns," was a plenary presentation at the Sixth Mathematics & Design International Conference, Buenos Aires, Argentina, June 7-11. The paper will appear in the conference proceedings. The second paper, "Creating Repeating Patterns with Color Symmetry," was presented at the International Society of Art, Mathematics, and Architecture (ISAMA) Conference 2010, DePaul University, Chicago, IL, June 21-25. The paper appears in the conference proceedings, the summer issue of Hyperseeing. Three color prints were also displayed at the Art Exhibit of ISAMA 2010. The third paper, "M.C. Escher's Use of the Poincave, Models of Hyperbolic Geometry" was presented at the first European Society for Mathematics and Art Conference (ESMA), Institut Henri Poincare, Paris, France, July 19-22. The fourth paper, "Hyperbolic V asarely Patterns", was presented at the Bridges 2010 Conference, Pvecsk, Hungary, July 24-28, and appears in the conference proceedings. Four color prints were also displayed at the Art Exhibit. The fifth paper, "A Family of `Three Element' M.C. Escher Patterns," was presented at the 14th International Conference on Geometry and Graphics, Kyoto University, Kyoto, Japan, Aug. 5-9, and appears in the CD proceedings.

Dalibor Froncek, professor, Department of Mathematics and Statistics, was an invited speaker in the special session on Graph Labelings at the Satellite Conference of the International Congress of Mathematicians “International Conference on Recent Trends in Graph Theory and Combinatorics” in Cochin, India. He presented a lecture “Incomplete round-robin tournaments and distance magic labelings.”
Robert Hecky, professor, Department of Biology, Norine Dobiesz, Large Lakes Observatory, Richard Axler and George Host, NRRI, and Cynthia Hagley, Minnesota Sea Grant, held a workshop in Jinja, Uganda from Sept. 15-17 to discuss fisheries data management and decision support tools. The workshop was held in response to a request by the Lake Victoria Fisheries Organization for advice and assistance in managing the burgeoning amount of data and information from Africa’s largest lake. In attendance were 30 fisheries managers and IT personnel from Uganda, Kenya, and Tanzania. Participants identified key issues facing Lake Victoria fisheries and how integrated data and advanced models can help address these concerns. This workshop and a follow-up meeting are funded by an Office of International Programs Seed Grant.


Zhuangyi Liu, professor, Department of Mathematics and Statistics, attended the IX Workshop on Partial Differential Equations at Rio de Janeiro, Brazil from Aug. 24-27. He was an invited speaker and a member of Scientific Committee of the conference. He gave a talk on "Stability of a Beam-Spring System with Local Damping" which is a joint work with Caihong Zhang, a Ph.D. student from Ocean University of China who was supervised by professor Liu during her one year visit to UMD.

In August 2010, Daniel Martin, assistant professor, Department of Sociology and Anthropology, presented the paper, "Between Protesters and Police: The Role of Peace Team Members" at the American Sociological Association conference in Atlanta. The paper was co-authored with John Hamlin, assistant professor, Department of Sociology and Anthropology, and supported with funding from the Vice Chancellor’s Academic Administration grant. The paper is the fourth research piece supported through VCAA funding and produced by the State Suppression of Dissent Project.

James Miller, associate professor, Department of Geological Sciences, was awarded a $35,000 grant from the MN Department of Natural Resources to collaborate on a study of sulfate release from mining in the St. Louis River watershed. The funding will largely go toward support for Stephanie Theriault, an MS candidate in the Geology Department. Stephanie will be studying the sulfur isotope composition of sulfide in the Biwabik iron formation, a possible source of sulfate in the watershed.

Debao Zhou, assistant professor, Department of Mechanical and Industrial Engineering advised Jonas Swedberg, senior student in Department of MIE, who won third place in the 2010 ASME Student Mechanism & Robot Design Competition in Montreal, Quebec, Canada on Aug. 15-18. Swedberg presented a “Path Finding Track Vehicle.” Zhou, Peter Walls, Gordon Kuhnley, Alex Houck, Aaron Stotko and Richard Lindeke published "Development of a Flexible Contact Sensor Array for Contact Force Identification during Colonoscopy" in Proceedings of the 12th Mechatronics Forum Biennial International Conference in Zurich, Switzerland from June 28-30. Zhou and Kevin Jax also had the paper "Design a Pressure Sensor Array with Reduced Number of Wires" in Proceedings of the 2010 IEEE International Conference on Information and Automation (ICIA 2010), pp 900-905, Harbin, Heilongjiang, China, June 20-23. Zhou was invited as conference session chair to "Sensors I," and "Sensors II" at the 2010 IEEE International Conference on Information and Automation, Harbin, Heilongjiang, China from June 20-23. He also presented his findings from “Design of a Pressure Sensor Array with Reduced Number of Wires” at the conference.

**NRRI NEWS**

Val Brady gave the keynote address titled “Stormwater’s Biotic Impacts and Human Solutions” to the Minnesota Wastewater Operators Association on July 28 in Grand Rapids, Minn. Val Brady and Jesse Schomberg hosted two rain garden building workshops in June and August at Minnesota Sea Grant as part of the Lakeside Stormwater Runoff Reduction Project. Val Brady gave a poster presentation titled, “Monitoring Macroinvertebrates along Rocky Coasts using Artificial Substrates,” at the Lake Superior Conference at the U.S. Environmental Protection Agency in May. She gave a presentation titled “North shore streams and stormwater” to the Two Harbors Rotary Club in February and again to the Duluth Township Town Board in April. She also gave a University for Seniors presentation on stormwater titled, “North shore streams and stormwater issues, including solutions” in January.


Lucinda Johnson served as the academic research "sector" representative at the 2010 Climate Change Adaptation Workshop, "Advancing the Regional Discussion on Climate Change Adaptation by the Great Lakes” in Buffalo, New York on Sept 22, 2010.

Bernie McMahon gave an oral presentation, co-authored by Bill Berguson, Dan Buchman, Tom Levar, Craig Maly and Timothy O’Brien, UM North Central Research and Outreach Center, titled “Populus Breeding and Hybrid Poplar Development Program in Minnesota” at the Northern Forest Genetics Association meeting held at Purdue University from Sept. 8-9. They also presented a poster titled “Populus breeding and hybrid poplar development program in Minnesota, USA” at the 5th International Poplar Symposium held in Orvieto, Italy from Sept. 20-25.

MN SEA GRANT NEWS
See next issue of Currents

PHARMACY NEWS
See next issue of Currents

umd COMMUNICATION

ABOUT CURRENTS:
Questions? Contact Cheryl Reitan and Kathleen McQuillan-Hofmann at 218-726-8996. Mandee Kuglin, Zach Lunderberg, Katherine McQuarter, and Brian Robertson 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., 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

UMD EVENT PUBLICITY
There are many ways to get publicity for your UMD events: Currents faculty-staff newsletter, the WEB Calendar of Events, Business Announce E-mail, Department Web pages, News Releases, the UMD Home Page, advertisements, producing brochures, and advertising in the Statesman student newspaper. Information and policies can be found at http://www.d.umn.edu/publications/publicizingevents.html.

UMD CALENDAR OF EVENTS

Don't forget, public events must be posted on the web calendar and sent to Currents before you can send out a UMD business announce message. For more information, contact Cheryl Reitan at 218-726-8996 or email creitan@d.umn.edu.

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