

Currents

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CURRENTS VOLUME 18, ISSUE 19

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CAMPUS EVENTS

TWEED MUSEUM NEWS

The Tweed Museum of Art is proud to announce the exhibition "Shared Passion: The Richard E. and Dorothy Rawlings Nelson Collection of American Indian Art" on view now through October 14. Richard and (the late) Dorothy Rawlings Nelson of Duluth are well-known as collectors of American Indian art, artifacts and historical material related to American Indian culture. This exhibition features outstanding examples from several aspects of that collection, particularly Woodlands, including beadwork, basketry and weavings, and a large group of works by contemporary American Indian artists including Frank Big Bear, David Bradley, George Morrison, Norval Morrisseau, Fritz Scholder, and others.

"Taconite and Indigo" an installation by Vernal Bogren Swift and Loree

Miltich has been extended through August 26. Combining batik-decorated fabrics, found object sculptures from the mining industry, and the poetry of Loree Miltich, this installation by Vernal Bogren Swift speaks to the landscape and character of Minnesota's Iron Range.

For more information about the Tweed Museum, call Mary at 726-7823

PAINT-A-THON

The 15th annual Duluth Paint-a-thon will be held on Saturday, August 4. This is the designated day that homes throughout Duluth will be painted by members of the Corporate Volunteer Council of which UMD is a member. On Tuesday, July 31, Wednesday, August 1 and Thursday, August 2 volunteers are needed to assist in painting the home UMD has chosen this year. Join your co-workers and make a difference. For further information please contact Cheryl Aker at 726-8149, or caker@d.umn.edu.

ELDERHOSTEL

An Elderhostel adventure is being offered in the Gunflint Trail on picturesque Poplar Lake on the edge of the BWCAW. Experience a field trip to the Grand Portage National Monument and Grand Portage State Park.

From September 30-October 6 participants can study the geological music of the earth, the two sides of the fur trade -- romanticism vs. brutality and explore the forest as it prepares for winter. October 7-13 offers another opportunity to explore the history of the fur trade. Learn to identify the trees in the boreal forest using the "Keys to the Trees." Investigate how nature's creatures prepare for winter. Call 218 726-6347 for information.

CAMPUS NEWS

ALWORTH INSTITUTE

The Alworth Institute for International Studies is in the process of scheduling its Brown Bag Series for the 2001-2002 academic year. If you have recently taken a trip abroad or are planning one, please consider sharing your experiences with the campus and local community. Presentations are offered in a variety of formats, including travelogues, discussions of research and other work done in the area, reflections on social, political and economic situations, etc. The Brown Bags are generally held on Thursdays at noon and last about an hour (including the presentation and time for questions/discussions). The Alworth Institute is happy to cover the costs of making slides, transparencies, etc. If you are interested, please contact Cindy Christian at 726-8616 or alworth@d.umn.edu.

STANDARD CONTRACTS

The Office of the General Counsel completed the new Standard Contracts Program. Board of Regents' policy mandates that the Office of the General Counsel (OGC) review and approve contracts to which the University of Minnesota is a party. To learn more about this policy and process go to the OGC website: www.ogc.umn.edu/contracts

UMD CATALOGS

The 2001-2003 UMD Catalogs are in the process of being delivered to various units and college offices for distribution to departments, faculty and staff. Additional copies of the Catalog can be requested by calling Karl Johnson at 7849 or Linda Rolfe at 7105. Please continue to send all future changes, corrections, and additions to Linda Rolfe, 420 DAdB. These changes will be made to the on-line version of the UMD Catalog. The on-line version can be viewed at: <http://www.d.umn.edu/catalogs/current/umd/umd.html>

UPDATE YOUR INFO

If you have moved, changed your phone number or changed other personal information, you need to make the adjustments in the University database. This is the information that is used to create the Campus Directory. It is easy! Go to the UMD Human Resources Web Page: <http://www.d.umn.edu/umdhr/> to the section called Policies and Procedures, click on Update Personal Information, and follow the instructions. The information will be pulled from the data in the second week of September, so do it soon!

UMD FARMERS MARKET

The UMD Farmers Market is open beginning at 2 p.m. every Wednesday under the Dining Center on Oakland Avenue just outside of the Kirby Student Center. The market will run through September or October if there are enough products. If you want to participate as a seller or have questions contact Deb Shubat at 726-7258.

UMD STORES

Campus Books is open from 8 a.m. to 3 p.m. Monday through Friday. Bulldog Shop, Computer Corner and The Marketplace are open 9 a.m. to 3 p.m. Monday through Friday. There will be an Intersession Book Buyback in front of Campus Books from 8 a.m. until 2 p.m. on Thursday, August 2 and Friday, August 3.

CURRENTS SCHEDULE

Currents is printed regularly throughout the school year. The Fall Semester 2001 schedule is as follows:

Deadline: Wednesday, August 29;

Print date: Tuesday, September 4.
Deadline: Wednesday, September 12;
Print date: Tuesday, September 18.
Deadline: Wednesday, September 26;
Print date: Tuesday, October 2.
Deadline: Wednesday, October 10;
Print date: Tuesday, October 16.
Deadline: Wednesday, October 24;
Print date: Tuesday, October 30.
Deadline: Wednesday, November 7;
Print date: Tuesday, November 13.
Deadline: Wednesday, November 28;
Print date: Tuesday, December 4.
Deadline: Wednesday, December 12;
Print date: Tuesday, December 18. Communication student Lisa Beelner helped edit this issue of Currents. Questions? Contact Cheryl Reitan at 726 8996. Currents can be viewed at www.d.umn.edu/currents.

FACULTY/STAFF NEWS

Don Collins, UMD Athletic Coaching Coordinator, attended the National Council for Accreditation of Coaching Education meeting held in Indianapolis at the end of June. Coaches, administrators, and coaching coordinators from around the country attended workshops in how to best plan and implement quality training and education programs for sport coaches.

Ron Caple, professor, Department of Chemistry, participated in the doctoral defense of Elena Cordero Machado at the Universidad de Pinar del Rio, Cuba, on July 6 on the thesis entitled "Influencia de la Epoca del Ano en el Contenido de Sustancias Extraibles y Rendimiento de los Productos con Actividad Biologica Que se Obtienen del Follaje de Pinus caribaea Morelet caribaea, eucalyptus citriodora Hook Y Eucalyptus saligna."

William A. Fleischman, Department of Sociology Anthropology, gave a presentation titled, "A Sociologist's Look at Public Forestry in Finland: Considerations for Technology Transfer" in April in St. Cloud, MN at the 2001 Annual State Convention of the Minnesota Division of the Izaak Walton League. The presentation was related to the recent MNDNR efforts to incorporate some of the Finnish forest management practices in Minnesota.

Morris Levy, assistant professor, Department of Health, Physical Education and Recreation, was invited to present at the annual meeting of the American College of Sport Medicine in Baltimore, Maryland. The presentation entitled "Vertical Force and Impulse during Bump Impact using Mountain Bike Suspension Forks" identified the importance of impulse as a marker for suspension fork performance. Additionally, he was selected to present a paper at the XVIII Congress of the International Society of Biomechanics (ISB) held in Zürich, Switzerland. The paper was entitled: "Effectiveness of front suspension vibration damping in off-road cycling." These two presentations are part of a comprehensive research project attempting to quantify and compare the performance and effectiveness of suspension forks in mountain biking.

Continuing Education is pleased to announce that Lynn Burbank has joined the department as Program Director. She will fill the position vacated by Terry Anderson.

SCHOOL OF MEDICINE NEWS

Richard Leino, senior research associate, UMD Biomedical Academy, was invited to give the keynote address at the First International Workshop on Rodlet Cells in Ferrara, Italy. He also gave three presentations at the meeting: "Phylogenetic Differences in Tissue Distribution of Rodlet Cells," "Formation and Release of the Secretory Product in Rodlet Cells" and "Seasonal Increases of Rodlet Cells and Other Cell-types in Percid Gills: Association with Parasitic Infections."

Joseph R. Prohaska, professor, Department of Biochemistry and Molecular Biology, was an invited participant in the Third Heinz Institute Workshop on the intersection of nutrition and toxicology held this June at the University of Rochester New York. He also published "Brain copper content and cuproenzyme activity do not vary with prion protein expression level," in the *Journal of Biology and Chemistry*, 275 7455-7458, with colleagues from Washington University, St. Louis, Missouri and the University of Michigan: D. J. Waggoner, B. Drisaldi, T. B. Bartnikas, R. L. B. Casareno, Joseph R. Prohaska, J. D. Gitlin, and D.A. Harris. He published "Isolation of a murine copper transporter gene, tissue specific expression and functional complementation of a yeast copper transport mutant.," in *Gene* 254, 87-96 with J. Lee, Joseph R. Prohaska, S. L. Dagenais, T. W. Glover, and D.J. Thiele.

Kendall B. Wallace, professor, Department of Biochemistry and Molecular Biology, has been appointed by the U.S. Food and Drug Administration as chair of the expert working group to investigate and identify molecular biomarkers of drug-induced cardiac toxicity. This working group is convened by the Nonclinical Studies Subcommittee of the Advisory Committee for Pharmaceutical Science of Center for Drug Evaluation and Research of the U.S. FDA. The goal of the committee is to evaluate opportunities, such as genomic technologies, for developing sensitive and specific bioindicators that can be used to predict cardiotoxicity during preclinical drug development as well as to monitor drug safety in avoiding adverse cardiac events in early clinical drug trials.

Wallace, along with S. Zhou and C. M. Palmeira, published "Doxorubicin induced persistent oxidative stress to cardiac myocytes" in the 2001 issue of *Toxicology Letters* 121, 151-157

NRRI NEWS

Brian Brashaw, senior research fellow, Applied Research and Technology Development, and Chris Edwardson, program director, Applied Research and Technology Development, were both invited speakers for the Upper Mississippi Valley Section Forest Products Society Annual Spring Meeting held in Duluth in June. Brian's presentation was "Nondestructive Evaluation of In Service Wood Products." Chris's presentation was "Pre-treating Wood Elements to Enhance Composite Product Durability."

Subhash Basak gave an invited lecture on "Chemistry in Silico as a Tool for Hazard Assessment and Drug Discovery: Prospects and Problems," at the International Congress on Computational Intelligence: Methods and Applications, organized at the University of Wales, Bangor, UK, recently. Basak continued his trip to London where he discussed collaborative research with colleagues at the Department of Crystallography, Birkbeck College. At the end of June, Basak gave an invited presentation "A Graph Theoretical Approach to Modeling Urban Development," at a conference on sustainable ecological, economic and social systems organized at the Laboratory of the Midcontinental Ecology Division, US Environmental Protection Agency, in Duluth.

George Host and Mark White recently gave a presentation on "Potential Native Plant Communities and the Range of Natural Variation: Tools for Regional scale Forest Landscape Management" at a conference on Ecosystem Management in Boreal Forest Landscape held at the Koli National Park north of Joensuu, Finland. The conference was followed by a field trip into Karelian Russia and the Valaam Monastery on Lake Lagoda.

SEA GRANT NEWS

The University of Minnesota Duluth and Lake Superior College have received an \$800,000 grant from the National Science Foundation's Advanced Technological Education Program. This funding will expand the scope and reach of an existing Internet-based water resources curriculum project, Water on the Web (<http://wow.nrri.umn.edu>), to community colleges and undergraduate institutions across the country. Project collaborators are Bruce Munson, Cindy Hagley, and Carl Richards with Minnesota Sea Grant; Rich Axler and George Host of the Natural Resources Research Institute; Glenn Merrick of Lake Superior Community College; and Chris Owen of Apprise Technologies, Inc. The project's title is, "Training Water Science Technicians for the Future - A National Online Curriculum Using Advanced Technologies and Real-Time Data."

Hagley, Barb Liukkonen, water resources educator; and Barb Peichel, program assistant, presented a "Beyond the Pond" workshop to 20 high school teachers in conjunction with the Science Museum of Minnesota in St. Paul in July. The workshop introduced teachers to the Water on the Web curriculum and other Internet resources available to expand classroom and water monitoring activities.

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