



# CONTINUES

Minnesota State University Moorhead Newsletter • [www.mnstate.edu](http://www.mnstate.edu)

## TWO MSUM PROFS GET \$197,000 NIH GRANT TO STUDY POSSIBLE CANCER-STRESS LINK

The National Institutes of Health has awarded a \$197,000 research grant to two Minnesota State University Moorhead biology professors, Joe Provost and Mark Wallert, to study a possible link between cancer and stress.

Their research will involve more than 15 MSUM undergraduates over the next three years, working part-time during the school year and full-time during the summer.

While there's no current evidence directly linking stress with cancer, Wallert said, the complex relationship between physical and psychological health is not well understood.



Provost



Wallert

What scientists do know, he said, is that many types of stress activate the body's hormone system, which in turn can cause changes in the immune system, the body's defense against infection and disease, including cancer.

Provost and Wallert, working under a previous \$156,000 grant from the National Science Foundation aimed at better understanding how normal cells become cancerous, recently identified one potential mechanism for a link between stress hormones and tumor progression involving the protein Phospholipase D.

With the new NIH grant, the two will continue investigating how the stress hormone adrenaline acts on lung cancer cells to increase the rate they invade normal tissue.

"We're not going to find a cure for or a cause of cancer," Provost said. "We just hope to add some pieces to the puzzle."

However, the two hope their research will identify new potential targets for chemotherapy agents used to treat cancer.

Wallert has spent most of his academic career studying transport and cell signaling at Emory University and MSUM. Provost did similar cancer research at Vanderbilt University before coming to MSUM.

Last spring, three students from the Provost and Wallert laboratory presented their research at the national meeting of the American Society of Biochemistry and Molecular Biology along side thousands of professional Ph.D. and M.D. scientists.

Cancer is the number two cause of death in the United States, behind heart disease.

## MSUM HIRES 20-YEAR DEVELOPMENT VETERAN TO HEAD ALUMNI FOUNDATION

Patrick Hundley, a Tennessee native with more than 20 years of development experience, has been named executive vice president of MSUM's Alumni Foundation.

The Alumni Foundation is a private, non-profit corporation involved in developing alumni and community relationships, promoting the university and providing funding for academic excellence. It is governed by a 24-member board of directors.



Hundley replaces Susan Grover, who left the position last year. He'll oversee a staff of nearly a dozen employees in the Alumni Foundation office, serve as the chief fund-raising strategist for the university, and sit on the president's cabinet.

He comes here from the University of Wisconsin-Platteville, where he served eight years as Assistant Chancellor for University Advancement and also executive director of major gifts and campaigns.

A graduate of Tennessee Wesleyan College, he also holds a master's degree in English from Middle Tennessee State University with post-graduate studies at Oklahoma State.

Hundley began his career as an assistant professor of English at the University of Arkansas-Little Rock before switching his professional interest to university advancement. He's served as director of development at Phillips (Okla.) University, Washington State University, the University of Massachusetts-Dartmouth, St. Andrews (N.C.) Presbyterian College and Oregon State University.

He and his wife Susan have three grown children. He's expected to start his new job here Aug. 23.

#### **MNSCU SETS TUITION: MSUM UP 13.1%**

Students will pay an average of 12.3 percent more in tuition and fees to attend Minnesota State Colleges and Universities next year under a budget approved last month by the system's Board of Trustees.

Average full-time tuition and fees for the coming year will be \$4,016, which amounts to an average annual increase of \$438.

**At MSUM, tuition and fees this year will total \$4,590, up 13.1 percent or \$530 from last year. It is the lowest increase among the seven state universities in the system, and the total cost is the second lowest among state universities.**

For a full-time state university student, average tuition and fees will be \$4,921 next year, and students at the two-year state colleges will pay an average of \$3,824.

Tuition alone will rise by 13.8 percent over last year, bringing average tuition for the coming year to \$3,618.

Each of the 32 state colleges and universities proposes its own tuition and fees for approval by the Board of Trustees.

The board last July had approved tuition and fee increases of 12.5 percent for each of the next two academic years, but provided for possible adjustments in the second year.

The Minnesota State Colleges and Universities System comprises 32 state universities, community colleges, technical colleges and combined community and technical colleges located on 53 campuses across the state. The system serves approximately 240,000 students annually in credit-based courses and another 130,000 in non-credit courses.

(Note: A list of annual tuition and fees for 2004-2005 in the back of this week's Continews.)

#### **AUGUST IT WORKSHOPS**

Instructional Technology will sponsor the following workshops in August. The workshops are free for MSUM faculty. They will be held in the LIT Center (Library 222).

#### **Aug 9: 9 a.m.-1 p.m. The Pedagogy of Online Teaching**

Workshops for MSUM's new Instructional Management System (Desire2Learn):

Aug 10: 9-10 a.m. **Overview of Desire2Learn**

Aug 11: 9-10 a.m. **Adding Content to your Course**

Aug 12: 9-10 a.m. **Communication Tools -- Discussion, Chat, Email**

Aug 13: 9-10 a.m. **Assessment Tools -- Quizzes/Surveys**

To register for the workshops, use the web-based registration form: [www.mnstate.edu/instrtech](http://www.mnstate.edu/instrtech)

If you have questions or need further information, contact Rhonda Ficek, director of Instructional Technology ([ficek@mnstate.edu](mailto:ficek@mnstate.edu)), or Barb Hoppe ([hoppeba@mnstate.edu](mailto:hoppeba@mnstate.edu)).

#### **NEW LIBRARY ELECTRONIC RESOURCE: OXFORD ENGLISH DICTIONARY ONLINE**

MSUM Library announces the addition of Oxford English Dictionary (OED) Online to its databases, accessible via the Library web site, <http://www.mnstate.edu/library>.

The OED Online contains the complete text of the 20-volume 2nd Edition (1989) including supplements. Entries offer pronunciation, etymologies, quotations, and date of first known usage. The OED covers words from across the English-speaking world.

"The Oxford English Dictionary is the accepted authority on the evolution of the English language over the last millennium. It is an unsurpassed guide to the meaning, history, and pronunciation of over half a million words, both present and past.

It traces the usage of words through 2.5 million quotations from a wide range of international English language sources, from classic literature and specialist periodicals to film scripts and cookery books" (<http://dictionary.oed.com/about/>).

Updated quarterly with at least 1000 new and revised entries, OED Online offers access to the "greatest continuing work of scholarship that this

century has produced" (Prescott, P. S., & Foote, D., Newsweek, 3/27/89).

### **LIBRARY ANNOUNCES NEW ELM DATABASES**

MSUM Library announces the addition of several new databases, part of the Electronic Library Minnesota (ELM), accessible via the Library web site -- <http://www.mnstate.edu/library> .

EBSCO will give the library access to four major databases:

#### **EBSCO - Academic Search Premier**

This resource contains full text for nearly 3,400 scholarly publications. This collection provides full text journal coverage for nearly all academic areas of study - including social sciences, humanities, education, computer sciences, engineering, language and linguistics, arts & literature, medical sciences, and ethnic studies.

#### **EBSCO - Business Source Premier**

Business Source Premier offers indexing and abstracting for nearly 2000 business periodicals along with online full-text for nearly 1300 of those titles -- which include a number of scholarly journals. Searches may be limited in a number of ways including only to full-text or only to peer-reviewed articles. Subjects include business, management, economics, banking, finance, accounting, international business.

#### **EBSCO - Regional Business News**

Regional Business News is a full-text newswire database that incorporates business wires from all over the world. It includes the most recent 30 days of information from wire services, such as: A&G Information, Africa News Service, InterPress Service, Resource News International, South American Business, M2 Communications, PR Newswire, Business News Wire, Canadian Corporate News, and more.

#### **EBSCO - MasterFILE Premier**

Provides full text for 1,830 periodicals covering nearly all subjects including general reference, business, health, and a wide variety of general interest topics. In addition, a new Gale database has been added:

#### **Professional Collection**

A custom selection of more than 300 full-text journals for educators that is updated daily. Coverage for professional educators in the following areas: arts and humanities; child and adolescent psychology and development; drug and alcohol abuse; health/nutrition/fitness; learning disabilities; literature; school law; science and technology; social sciences; and sports/athletic training.

<http://infotrac.galegroup.com/itweb/mnamoor?db=S P00>

These databases are all part of the Electronic Library Minnesota (ELM). For more information on ELM, see this website: [www.minitex.umn.edu/cpers/elm/FAQ.asp](http://www.minitex.umn.edu/cpers/elm/FAQ.asp)

The addition of these new databases is simultaneous with the cancellation of the following ELM databases:

- General Reference Center Gold (Gale)
- Expanded Academic ASAP (Gale)
- General Business File (Gale)
- Business and Company Resource Center (Gale)
- Health Reference Center Academic (Gale)
- Health and Wellness Resource Center (Gale)
- Computer Database (Gale)
- InfoTrac OneFile (Gale)
- Contemporary Authors (Gale)
- OCLC ArticleFirst (OCLC FirstSearch)
- OCLC Union Lists of Periodicals (OCLC FirstSearch)
- OCLC Electronic Collections Online (ECO) (OCLC Firstsearch)

### **MSUM MEMBER OF U.K.'S NATIONAL TRUST**

Because it worked out cheaper for the group, Wayne Gudmundson and Alan Davis purchased a year-long membership in the National Trust while visiting England this past spring. The card expires in May 2005 and may be used by other university groups and individuals until that time. See International Programs for further information.

### **HR HAS EMPLOYEE DISCOUNT TICKETS FOR MINNESOTA RENAISSANCE FEST**

The Human Resources office has acquired Employee Discounted tickets for the Minnesota Renaissance 2004 Festival. Adult tickets are \$14.50 (Reg. \$17.95), Children tickets (age 6-12) are \$6.50 (Reg. \$8.95) and Children (under 5) are FREE.

NEW FOR 2004: Interactive Wizard School, New Children's Special Events, Low-Carb menu items, new acts each weekend.

DISCOVER THE ADVENTURE: The Renaissance Festival, offering the authentic marketplace, unique entertainment, delicious foods, family activities and more & is open (rain or shine) weekends and Labor Day from August 14 to September 26 (Plus Friday, September 26). Hours are from 9 a.m. to 7 p.m. Parking is free.

LIVE THE LEGEND: Costumed characters represent village life from simple peasants to ornate Royalty. Twelve stages are continuously alive with comedy, music and mayhem! The talented artisans

sell and demonstrate their wares in more than 275 craft shops. The full contact Armored Joust and Feast of Fantasy are also popular activities.

FOR INFORMATION: Call the Festival Hotline at 1-800-966-8215 or check the website at: [www.renaissancefest.com](http://www.renaissancefest.com) If you would like to take advantage of the discounted prices, stop in at the Human Resources Office, Owens. 210.

**Donate items Aug. 10-14 in red barrels at HR...  
MSUM HELPS COMMUNITY SCHOOL  
SUPPLY DRIVE & DISTRIBUTION**

MSUM has joined with other Fargo-Moorhead organizations to help support the 6th Annual Community School Supply Drive & Distribution, sponsored by the United Way of Cass-Clay.

This MSUM drive will run through Tuesday, August 10, with distribution on August 14. Last year, with the help of over 100 volunteers and \$60,000 in donated supplies, 2,472 children in Cass & Clay Counties were sent to school with a complete set of supplies, ready to learn.

Help solve this critical need in our community by dropping off school supplies on or before Tuesday, August 10 in the red barrels located outside the Human Resources office - Owens 210.

**ITEMS NEEDED:**

New Backpacks, Markers, Rulers, Notebooks, Pens, Binders, Pencil Boxes, Scissors, Erasers, Loose Leaf Paper, Colored Pencils, Crayons, Folders, & Pencils.

Cash donations are appreciated and will be accepted at the United Way of Cass-Clay. Make checks payable to United Way School Supply Drive and send to: United Way of Cass-Clay, PO Box 1609, Fargo, ND 58107.

For more information, contact Deb Lewis, Human Resources, at 2158.

**OUTING CENTER SUMMER EQUIPMENT SPECIAL**

The Comstock Memorial Union's Recreation and Outing Center is having a Summer Special on outdoor equipment. The following items are priced half off from Aug. 6-18. Rented items need to be picked up at the ROC by 4:30 p.m., Friday, August 6 and brought back to the ROC between 9 a.m. and 9 p.m. on Wednesday, Aug. 18. Below are the summer special prices:

Kayak Package \$45  
Mountain Bikes \$14  
Roller Blades \$14  
Tents \$13.50

Sleeping Bags \$6

For more information, call 477-2265.

**'UNBELIEVABLE UNIVERSE'  
SHOWING AT MSUM PLANETARIUM**

The Unbelievable Universe" will be showing at the MSUM planetarium at 7 p.m. Thursdays Aug. 5-19. The show examines our vast universe and its amazing features, including black holes, exploding supernovae and brilliant stars. Viewers will also learn about the August sky.

The MSUM planetarium is located on 11th Street South in Bridges Hall room 167. General admission to the show is \$3; children 12 years of age and under, senior citizens and Tri-College students are admitted for \$1.50. For more information or to schedule a group show, call 218.477.2920.

**PARTY ON THE PRAIRIE AUG. 12**

Come join the fun at MSUM's Regional Science Center's "Star Party on the Prairie" Thursday, Aug. 12 from 9-11 p.m. at the Buffalo River site, located 15 miles east of Moorhead, off Highway 10, adjacent to Buffalo River State Park.

Away from city lights and in the prairie darkness, participants will learn how to find constellations, and view the Milky Way, nebulae and star clusters through our telescopes. Some August meteors may also be visible. Participants can bring their own binoculars or telescopes if they wish. If it's cloudy, an indoor presentation will begin at 9 p.m.

The program is free and open to the public. Visitors are encouraged to wear comfortable walking shoes and to bring insect repellent.

In addition, the Science Center hiking trails are open to the public from 6 a.m. to 11 p.m. daily for birding and hiking. Science Center attractions include the nature trails, native plants garden, "Cluster of Prairie Grasses" sculpture, and the interpretive center's bird observatory and special exhibits.

For more information or special group activities, call 477-2904.

**MISCELLANEA**

\* An essay by **Paul Harris**, History, has been published in "North American Foreign Missions, 1810-1914: Theology, Theory, and Policy," edited by Wilbert R. Shenk for William B. Eerdmans Publishing. The essay is entitled "Denominationalism and Democracy: Ecclesiastical Issues Underlying Rufus Anderson's Three Self Program," and it explains how a policy that appears to respect

cultural differences was actually designed to reinforce a status hierarchy separating foreign missionaries from native ministers. His review of "The Foreign Missionary Enterprise at Home: Explorations in North American Cultural History," edited by Daniel Bays and Grant Wacker, was also recently published in the June issue of The Journal of American History.

\* **Richard K. Adler**, SLHS, was the keynote speaker at the United Kingdom Gender Dysphoria Conference held at Charing Cross Hospital, London, England, on July 5 and 6. His workshop speech was on the topic of "Voice and Communication Programming for the MtF and the FtM Transsexual Patient."

\* **Mark Strand**, Mass Communications, took an honorable mention award at the Rourke Art Gallery Museum's 45<sup>th</sup> Midwestern Exhibition this summer with a color photograph titled "Irish Harp." The exhibition is the oldest and largest art exhibition in the Red River Valley. The exhibit, titled "The Year of the Irish," runs through Sept. 12 and features the work of more than 100 artists from across the nation. The museum is located at 521 Main Avenue in Moorhead.

\* **Rinita Dalan**, Anthropology & Earth Science, won the Illinois State Historical Society Book of the Year award this summer for her scholarly publication "Envisioning Cahokia: A Landscape Perspective," published by the Northern Illinois University Press. Dalan edited the book, which investigates Illinois' prehistoric urban history. The award recognizes the efforts of individuals and groups that collect, preserve, exhibit or publish the history of the Prairie State.

## VACANCIES

\* Director of Human Resources:  
[www.mnstate.edu/vacancy/unclassified/0472x.pdf](http://www.mnstate.edu/vacancy/unclassified/0472x.pdf)

\* Assistant professor of Sociology:  
[www.mnstate.edu/vacancy/unclassified/0448p.pdf](http://www.mnstate.edu/vacancy/unclassified/0448p.pdf)

## CLASSIFIEDS

\* Available now: **Home for rent**, 1112 Elm St. S., Moorhead. Three-bedroom rambler with single attached garage, \$775 per month plus utilities. Security deposit is equal to one month's rent and a one-year lease is required. No smoking and no pets, although a cat may be allowed with an additional \$200 deposit. Renter would do own snow removal and lawn care. Call Mary 293-9039, evenings.

\* Beautiful **home for sale** in historic neighborhood, walking distance to MSUM. Lovely maple woodwork, beveled leaded-glass windows, fireplace, large front porch, open staircase. 715 5th St. S., \$122,900. Call Bill Richter, 236-0567 (Coldwell Banker).



**At the July 21 meeting of the Minnesota State Colleges and Universities Board of Trustees, Dr. Roland Barden was recognized for his 10 years of service as president of Minnesota State University Moorhead. In the photo are (from left to right) Ivan Dusek, Trustee and Chair of the Human Resources Committee; Robert Hoffman, Chair of the Board;**