

**MSUM PROFS GET \$565,000 IN FEDERAL GRANTS FOR CELL, CANCER RESEARCH**

Two grants totaling more than a half million dollars have been awarded to two MSUM professors for their combined projects on cell and cancer research.

Joe Provost and Mark Wallert, working through the university's biochemistry and bioscience programs, are cooperating on research investigating how cells coordinate movement. And they're closing in on a possible treatment for some types of non-small cell lung cancers, aggressive forms of the disease that don't respond to chemotherapy.



**Provost**

A three-year, \$380,000 grant from the National Science Foundation will support their efforts to study a protein called a sodium/hydrogen exchanger (NHE), which is found at the surface of cell membranes and directs how and where cells move.



**Wallert**

It's basic research, examining how cells move in a coordinated fashion and how some hormones control that movement. Because many proteins can anchor to NHE, they're focusing on how that's done and regulated.

They've also received another three-year, \$185,000 grant from the National Institutes for Health, which they'll use to examine the role NHE plays in non-small lung cancer. They're looking at what proteins work with NHE, and for a drug to block it and treat the cancer, especially when used with other anti-cancer drugs.

In animal studies, Provost and Wallert have already found a treatment that can reduce by 80 percent the size of some non-small cell lung cancers.

Over the past 10 years, the two MSUM professors have received more than \$2 million in outside funding for research and teaching.

"That's pretty rare for an undergraduate institution like ours," Provost said. "On average, only 12 percent of all grant proposals submitted to federal agencies get funded."

**ANNA ARNAR GOES TO PARIS TO ACCEPT INTERNATIONAL PRIZE FOR HER ARTICLE**

Anna Arnar, Art & Design, has been awarded the Max Näny Prize for her 2006 article "A Modern Popular Poem": Stéphane Mallarmé on the Visual, Rhetorical, and Democratic Potentials of the Fin-de-Siècle Newspaper."

The International prize is awarded for the best article appearing within the previous three years on the subject of word-image relations; submissions were accepted in English, French, Dutch, German, Italian, Portuguese and Spanish, and in other languages at the discretion of the Board of The International Association of Word and Image Studies.



**Arnar**

The 500 Euros prize was awarded at the International Conference of Word & Image Studies in Paris, July 7-11, 2008. The IAWIS provided Arnar with funds to travel to the conference to accept the award. She plans to use the funds to defray the cost of copyright fees for the illustrations of her forthcoming book.

Max Näny (1932-2006) was a Swiss-born scholar of American and British literature who wrote several pioneering studies on concrete poetry and iconicity.

**LES BAKKE TO RETIRE AFTER 36 YEARS HERE**

Les Bakke, who grew up on a farm near Newfolds, Minn., is retiring after 36 years with the university, first as a veterans service officer and finally as director of information technology.

Bakke first enrolled in MSUM in 1963 as a history major, but switched to mathematics after passing a math placement exam. But he enlisted in the Air Force the next summer, assigned to the intensive Russian language program and eventually becoming an intelligence analyst. He served



**Bakke**

two years at Misawa Air Force Base in Japan and finished his military career working at the National Security Agency headquarters in Ft. Meade, Md.

He then returned to MSUM. But with three classes left for his degree in mathematics, he took a computer science class and changed majors immediately, completing his degree here in 1972. That's when

he was first hired by the university as the Veterans Service Officer under grant funding from the U.S. Department of Education. At the time, he said, there were nearly 600 students on campus receiving GI Bill benefits. Today, there are fewer than 160.

In 1975 he was appointed to a new position, assistant registrar, primarily responsible for data processing. Eight years later he became director of computer services and has held that position ever since.

During most of the 1990s, he also worked part-time with the State University System Office, leading a team that developed the basic modules for the current student records system. As a result, he won the MnSCU Chancellor's Award in 1999.

As MSUM's veterans counselor for most of his campus career, he served on two national committees with the Department of Veterans Affairs and served as president, vice president and webmaster for the National Association of Veteran Program Administrators.

Bakke isn't totally retiring. He recently accepted a full-time job as the IT director for the City of Moorhead, which he'll begin after retiring Sept. 23.

#### **NATURALIZATION CEREMONY ON CAMPUS SEPT. 13; BRING YOUR STUDENTS TO THE EVENT**

MSUM is hosting a naturalization ceremony for new citizens as they take their oath of allegiance to the United States of America at 11 a.m. Thursday, Sept. 18 in the university's Comstock Memorial Union Ballroom. The Honorable John Tunheim, U.S. District Judge, will be presiding.

Teachers are invited to bring their students to the event. Space is limited. We will accommodate groups in order of their response. If you are interested in bringing your students to the event, contact Lori Eken at 477-2243, or [ekenlo@mnstate.edu](mailto:ekenlo@mnstate.edu) no later than Wednesday, Sept. 10.

#### **UNIVERSITY SYMPHONY ORCHESTRA INVITED TO PERFORM AT STATE CLINIC**

MSUM's symphony orchestra has won an invitation to perform for the 2009 Minnesota Music Educators Association Midwinter In-Service Clinic. The orchestra will perform at the Minneapolis Convention Center at 11 a.m. on Friday, Feb. 13. The music conference attracts over 2,000 attendees.

Under the leadership of Prof. Kirk Moss, the University Symphony Orchestra previously performed for the 2007 North Dakota Music Educators Association Conference. This year marks the MSUM orchestra's 45th season.



#### **SCOTLAND STUDY TOUR FOCUS OF EXHIBIT HERE**

A multimedia exhibition featuring the work of MSUM students and art faculty members Al Sheets and Don Clark, who spent three weeks in Scotland this summer, will be on display through Sept. 4 in the Roland Dille Center for the Arts Gallery. A reception for the exhibition, called "Give Way: Scotland 2008," is scheduled from 4 to 6 p.m. Thursday, Sept. 4 in the gallery. This portrait (above) by **Don Clark** is of Alistair Allan, a member of the Scottish Parliament, walking in the Luskentyre Sand Dunes on the Isle of Harris. Allan gave the MSUM students a tour of Scotland's new Parliament building.

#### **MNSCU AWARDED TWO GRANTS TO HELP STUDENTS PREPARE FOR AND SUCCEED IN COLLEGE**

The Minnesota State Colleges and Universities Foundation has been awarded two grants totaling \$425,000 for initiatives to help high school and college students prepare for and succeed in college.

The Blandin Foundation in Grand Rapids awarded the Minnesota State Colleges and Universities system's foundation \$225,000 for the northern Minnesota College Readiness Partnership pilot project. The Otto Bremer Foundation gave the system foundation \$200,000 to support the Higher Education Anti-Racism Team initiative.

The Bremer grant will support the Higher Education Anti-Racism Team initiative at **MSUM**, St. Cloud State University, North Dakota State University, Bethel University, the Minnesota Collaborative Anti-Racism Initiative and the Office of the Chancellor in the Minnesota State Colleges and Universities. The initiative encourages participating institutions and communities to strengthen policies and practices that respect and include all racial, ethnic and social groups.

#### **MISCELLANEA**

\* **Wally Sizer**, Mathematics, attended the International Conference on Difference Equations and Applications in Istanbul July 21-25. The conference was attended by over 230 mathematicians from 32 countries and featured about 115 presentations.

\* **Joel Charon**, Sociology & Criminal Justice Emeritus, and **Lee Garth Vigilant**, Sociology & Criminal Justice, have published two books: "The Meaning of Sociology" (2009) and "The Meaning of Sociology: A Reader" (2009) with Pearson Prentice Hall Publishers.

\* **Lee Garth Vigilant**, Sociology & Criminal Justice, has published a peer-reviewed article entitled "I Am Still Suffering: The Dilemma of Multiple Recoveries in the Lives of Methadone Maintenance Patients" in *Sociological Spectrum*, the official journal of the Mid-South Sociological Association.

\* **Wes Erwin**, Counseling and Student Affairs, was interviewed for an article titled "Emerging Client Issues" in the American Counseling Association's July 2008 "Counseling Today" publication. He was interviewed regarding a national survey he had used to collect data about emerging issues in counseling.

\* An article by **Paul Harris**, History, has been published in *Religion and American Culture: A Journal of Interpretation*. Entitled "Racial Identity and the Civilizing Mission: Double-Consciousness at the 1895 Congress on Africa," the article examines an important effort to promote the cause of foreign missions among African Americans and the intellectual implications of that engagement with Africa.

\* **Steve Lindaas**, Physics and Astronomy, attended the American Association of Physics Teachers (AAPT) annual summer meeting in Edmonton, Canada July 20-23. Lindaas is a member of the Committee on Apparatus and participated in the public demo show. Following the AAPT meeting Lindaas attended the Physics Education Research conference (PERC) that was held in Edmonton as a satellite meeting.

\* **Tom Brandau**, Art & Design, is producing a docudrama dealing with the life of an African-American named Jim Brown, who grew up in the Twin Cities and was one of the first African-American chief naval engineers to sail for the American Merchant Marines. Shooting took place in Fargo and Moorhead using local actors, many of them MSUM students. Part of the film deals with racial conflict and is set in the mid 1930s-40s. It's a piece he's working on for the Minnesota Historical Society's "Minnesota's Greatest Generation" competition.



\* **Shelton Gunaratne**, Mass Communication emeritus, has published an essay titled "Understanding systems theory: transition from equilibrium to entropy" in the September 2008 issue of the *Asian Journal of Communication* (Vo. 18 No.3, pp. 175--192). This essay, written from the perspective of communications scholarship, examines the transition of systems theory from the age of equilibrium to the age of entropy during the middle of the 20th century, and then to the age of emergence at the end of the century. It distinguishes between the old equilibrium-based systems theory and the entropy-based systems theory, as well as the 'new' emergence-centered social systems theory. It asserts the existence of close similarities between the fundamental concepts of systems theory and Asian philosophies, despite the cynical dismissal of these similarities by a Luhmann disciple. It documents how media sociology has applied chaos theory to justify market-driven journalism and claim the emergence of a global

public sphere; and it looks at the potential of network analysis, an offshoot of systems theory.

## VACANCIES

### Assistant Professor Of Accounting

<http://www.mnstate.edu/vacancy/0909P-AcctAsstProf-2nd.pdf>

### Assistant Professor Of Operations Management

<http://www.mnstate.edu/vacancy/0908POperMgmtAsstProf-2nd-.pdf>

### Speech/Language/Hearing Sciences Instructor/ Assistant Professor

<http://www.mnstate.edu/vacancy/0912FE-SLHS.pdf>

### Film History/Criticism Assistant Professor

<http://www.mnstate.edu/vacancy/0911P-FilmHistorypdf.pdf>

### Chief Information Officer

<http://www.mnstate.edu/vacancy/0910X-CIO.pdf>

## UPCOMING CAMPUS EVENTS

### August

\* All **MSUM classes begin Monday, Aug. 25** when the university opens its 120<sup>th</sup> year.

\* A **faculty** recital featuring **percussionist Kenyon Williams** starts at 7:30 p.m. Tuesday, Aug. 26 in the Roland Dille Center for the Arts Gaede Stage. (free)

### September

\* **Labor Day** holiday Sept. 1, no classes at MSUM.

\* A University Honors Program lecture on "**Jazz: An International Community?**" featuring drummer Allen Carter, bassist Alexander Pershounin and pianist Simon Rowe is scheduled at noon Thursday, Sept. 4 in the Center for the Arts gallery hall. (free)

\* A faculty recital featuring **percussionist Allen Carter** starts at 4 p.m. Sunday, Sept. 7 in Weld Hall's Glasrud Auditorium. (free)

\* MSUM's Planetarium will feature the show "**Amazing Stargazing**" at 2 p.m. Sundays and 7 p.m. Mondays from Sept. 14 through Nov. 17. A clever cast of characters will teach you all about the Moon, meteors, comets, constellations and much more. General admission is \$3; children 12 and under, senior citizens and Tri-College students are \$1.50. The Planetarium is located on the MSUM campus in Bridges Hall 167. For more information or to arrange special group showings, call 477-2904.

\* The **Mid America Print Conference juried exhibition**, featuring the work of 37 printmakers from across the country, will be on display from Sept. 15 through Oct. 8 at the Roland Dille Center for the Arts Gallery. The exhibit is based on the theme Agrophobia. The exhibit is being held in conjunction with the conference, held in Fargo this fall, which includes other printmaking exhibits, demonstrations and workshops throughout the F-M area. (free)

\* An MSUM Dean's Lecture Series event on "**Function Creep: Invasive Technology's Daily Impact**" by Michael Ruth from the Technology department starts at 3 p.m. Wednesday, Sept. 17 in Center for Business 111. The lecture will define and identify "function creep" and explore some of its financial, workplace and social impacts. Called featuritis, or creeping featurism, it refers to products that overemphasize new features to the detriment of other design goals such as simplicity, compactness and stability. (free)

\* MSUM will host a **Naturalization Ceremony** at 11 a.m. Thursday, Sept. 18 in the student union ballroom. U.S. District Court Judge John Tunheim will be swearing in the new citizens. The ceremony is usually held in a federal courtroom, but U.S. District Judge John Tunheim and his staff have agreed to hold it at MSUM as part of an educational event, the university's annual Constitutional Law Series. It's free and open to the public. For details, contact Prof. Andrew Conteh at 477-4009.

\* MSUM English professor Lin Enger, author of the recently released novel "**Undiscovered Country**," **kicks off this year's Tom McGrath Visiting Writer's Series** with a reading from his book at 8 p.m. Thursday, Sept. 18 preceded by a 4 p.m. talk on the writer's craft, both in the student union's Comstock Room 101. (free)

\*An **open house and guided tours** will be held from 2 to 4 p.m. Sunday, Sept. 21 at the MSUM Regional Science Center's interpretive center, located 15 miles east of Moorhead adjacent to Buffalo River State Park. Take part in some hands-on learning about Minnesota's native prairie grasses and wildflowers. Enjoy a peaceful hour picking seed for the center's prairie restoration program at 3 p.m. You'll learn why the prairie ecosystem is important. For details, call 477-2904.

\* MSUM Theatre presents "**You're a Good Man, Charlie Brown**" at 7:30 p.m. Tuesday, Sept. 30 through Thursday, Oct. 2 in the Roland Dille Center for the Arts Gaede stage with a 2 p.m. matinee Sunday, Oct. 5. It's a lighthearted musical that brings the "Peanuts" comic strip to life. For tickets, call the MSUM box office at 477-2271.

\* MSUM Theatre presents the regional premiere of "**DOG SEES GOD: Confessions of a Teenage Blockhead**" Wednesday, Friday and Sunday (Oct. 1, 3 and 5) at 7:30 p.m. And Saturday, Oct. 4 at a 2 p.m. matinee in the Roland Dille Center for the Arts Gaede stage with a 2 p.m. matinee Saturday, Oct. 4. The show revisits the "Peanuts" gang a decade later. After the death of his dog, Charlie Brown turns to his friends to find closure. You'll get a twisted insight into the adolescence of one of America's most loved comic strip characters. For tickets, call the MSUM theatre box office at 477-2271.

\* The National Council of **Alpha Lambda Delta** Honor Society for First Year College Students has given a Golden Award the MSUM chapter, which finished last academic year with an 88% increase in membership.

\***Merry Sue Holtan**, Mass Communications, is one of 16 candidates nominated by the National Federation of Press Women for its 51st Communicator of Achievement Award. They'll be recognized at the group's annual awards banquet and convention Sept. 12 in Idaho Falls, Idaho. She has been a freelance feature and public relations writer for more than 25 years with more than 300 published articles. She's the author of the biography and producer of the documentary, "Power and Stride—the Nancy Burggraf Story," soon to be published by Finney Press. She's also editor of Open magazine in Fargo.

\* **Sylvia Barnier**, Athletics, **Ed Choate**, Human Resources, and **Teri Walseth**, Education, recently graduated from The Academy for Leadership and Development program developed by the Chair Academy, a division of the Maricopa Community College District in Mesa, Ariz. The academy is a yearlong program that includes an initial week of on-site training; a practical experience involving implementation of an individualized

professional development plan focus in on the application of skills learned during the training; a mentor and coaching program; and a final week of on-site training consisting of additional leadership issues. Participants in the program were selected and nominated by their individual colleges.

#### **CLASSIFIEDS**

**Cabin for Rent:** Winterized cabin for rent on Lake Lida. 2 Bdrms, large living room; overlooking Lake Lida; near Maplewood State Park. Six miles east of Pelican Rapids. Sept. 08 – April: \$500 / month plus utilities. May 09-Sept.09: \$6,000 plus utilities for the season. Lakeshore access, private. Leave a message at 218 863 6600.

#### **DAREL PAULSON, JODY BENDEL NOW UNDER ADMINISTRATION OF PUBLICATIONS**

Campus photographer Darel Paulson and graphic designer Jody Bendel, previously administered under Instructional Media, are now part of the Publications Office. They will remain in their same location on the first floor of Livingston Lord Library. Their office is now called **University Photo and Graphics**.