

**MSUM TO AWARD 830 DEGREES
MAY 11, ALSO BREAKING GROUND
ON NEW WELLNESS CENTER**

MSU Moorhead will award degrees to about 830 students during its spring commencement program Friday, May 11 at Nemzek Fieldhouse.

To accommodate all guests, the university has split graduation ceremonies into two parts:

* Students graduating from the College of Social and Natural Sciences and the College of Business and Industry will participate in the 10 a.m. ceremony.

* Students graduating from the College of Education and Human Services and the College of Arts and Humanities will participate in the 2 p.m. ceremony.

In between the two ceremonies, the university will break ground for its new Wellness Center at noon adjacent to Ballard Hall.

Speaker for the morning graduation is Russell A. Gerdin, chairman and CEO of Heartland Express, Inc., a trucking firm he founded in 1978. Headquartered in Coralville, Iowa, Heartland Express is a NASDAQ listed company, with \$600 million in gross revenues and a \$1.7 billion market cap. The 3,000-truck fleet concentrates on short-haul freight within a 400-mile radius of its eight regional distribution hubs.

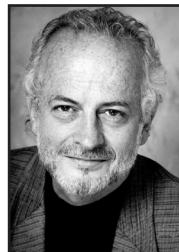
Forbes magazine has counted Heartland Express among its Best 200 Small Companies in America the last five years in a row and 15 times in the past 20 years. Business Week has recognized the company as one of the 100 Best Small Companies 10 of the last 13 years.

Gerdin is a 1965 graduate of MSUM's business administration program. He received the university's L.B. Hartz Achievement award in 2005. He and his wife Ann, a former teacher and a 1964 MSUM elementary education graduate, contribute extensively to social causes, including \$10 million to Iowa State University College of Business, \$2 million to the American Cancer Society and \$1 million to the Hurricane Katrina recovery effort.

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tornell@mnstate.edu (Deadline 10 a.m. Friday)*



Gerdin



Smith

Speaker for the afternoon graduation is Craig Smith, an actor who's appeared in more than 200 different productions over the past three decades while serving as a founding member of New York's Jean Cocteau Repertory.

Recently he and four colleagues founded the Phoenix Theatre Ensemble, an Off Broadway artist-directed ensemble. Last year the Wall Street Journal selected the Phoenix as "one of the 10 best of 2006" and the New York Times referred to the MSUM graduate as "one of the most consistently fine actors in New York."

Before joining the Cocteau Repertory, he appeared in The Guthrie Theatre productions of "Oedipus" and "A Midsummer Night's Dream." He's a 1971 graduate of MSUM's Speech/Theatre program.

**NSF AWARDS \$205,000 GRANT TO MSUM
PROF TO STUDY THE ROLE A GENE HE
DISCOVERED PLAYS IN PHOTOSYNTHESIS**

The National Science Foundation has awarded a \$205,000 grant to MSUM Biosciences professor Chris Chastain to study a new gene he discovered last summer that may play a significant role in the biological process that controls photosynthesis.

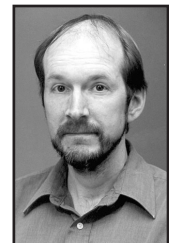
The three-year grant, awarded under NSF's Research at Undergraduate Institutions program, will involve more than 24 students who will assist Chastain in the study.

Chastain is a specialist in a photosynthetic process called C4, a more recently evolved and superior form of photosynthesis that allows plants to produce twice as much biomass as other plants that use the more common form of photosynthesis called C3.

The new gene he discovered last summer during a sabbatical leave at the University of Nebraska appears to play an important role in regulating photosynthesis in C4 plants.

"I say it's like finding a unicorn," Chastain said. "It doesn't look like any other gene. But it seems to have unprecedented catalytic properties."

That may be important in the future of agriculture and the development of biofuels, he said. "Corn, sorghum and sugar cane are only commercial crops that use the more advanced C4 form of photosynthesis. But so do most weeds, like crabgrass. That's why they easily outgrow C3



Chastain

plants such as bluegrass in residential lawns.”

But another C4 plant being closely looked at as a source of biofuels is switchgrass, a natural prairie grass that grows wild and thrives on marginal land. It doesn't need fertilizer and grows chest-high.

“We're just doing the basic research here at MSUM,” Chastain said. “But if we do establish that this gene can be used to boost the production in C4 plants, then we've made some progress that will help other scientists apply it to the marketplace.”

Chastain and his students will focus their research on cloning this gene and isolating its unique catalytic properties. They'll collaborate with Cambridge University in England, where scientists there will provide the MSUM researchers with a three-dimensional view of enzyme encoded by the gene's molecular structure using X-ray crystallography.

The grant will also provide full-time summer jobs for two MSUM biosciences majors during each of the next three years.

Chastain received a \$124,000 NSF grant three years ago, a \$75,000 NSF grant six years ago and a \$42,000 grant from the U.S. Department of Agriculture in 1997, all aimed at supporting his research on the C4 plant photosynthesis process.

MSUM'S LITERARY MAGAZINE RED WEATHER RELEASED DURING MAY 2 READING

A reading featuring the work published in this year's 26th anniversary issue of “Red Weather,” MSUM's campus literary magazine, starts at 7:30 p.m. Wednesday, May 2 in room 101 of the student union.

The new edition includes poetry, fiction and creative non-fiction by MSUM students, faculty and alumni.

Copies of the new Red Weather will be available that evening. It's also available at the MSUM Bookstore and other local bookstores.

This edition is the final one for Mark Vinz, who's been the faculty advisor of Red Weather for three decades. He is retiring this year.

INTERESTED IN SERVING ON MSUM'S CHILDREN'S BOOK AWARD COMMITTEE?

The Livingston Lord Library is looking for MSUM administrators, faculty and staff, as well as people from the community, who are interested in serving on our children's book award committee. Committee work includes screening new picture books, attending committee meetings and ultimately selecting the best read aloud picture books of 2008. Committee work may also include reading aloud to children. To receive an application form for committee membership, contact Carol H. Sibley, Curriculum Librarian, 477-2347 or sibley@mnstate.edu. **Application deadline: May 14, 2007.** Additional information about the Read Aloud Program is available at www.mnstate.edu/cmc/ComstockReadingAloudInitiative.htm.

RETIREMENT RECEPTION MAY 2 FOR SVOBODNY, WEISNBERGER

The campus community is invited to a retirement reception for Linda Svobodny, Special Education, and Harry Weisenberger, Educational Leadership, from 1:30 to 4:30 p.m. Wednesday, May 2, CMU 101. For more information contact Teri Walseth at 477-2096 or walseth@mnstate.edu.

40 COMPLETE FIREFIGHTING TRAINING FROM MSUM PROGRAM

Forty people including 14 MSUM, 13 Concordia and seven NDSU students along with five people from the community last week completed the federal S130/190 firefighting training.

This was the first time the course was offered through MSUM and it was free for all participants through help from North Dakota Forest Service. The effort developed from MSUM's newly formed Student Chapter of the Wildlife Society in the Ecology and Evolutionary Biology emphasis in the Biosciences department.



Completing the training is a huge step toward getting jobs with government, private and non-profit agencies that hire people who will be involved

with suppression and prescription burning.

Prescription burns are a primary management tool for prairies and S130/190 certification is a requirement for conservation workers in prairie regions.

Students who completed the course are planning to use fire in their research, to apply for seasonal firefighter positions, or apply for jobs where they will use prescribed burns to manage prairie ecosystems. One person from The Nature Conservancy and one from Buffalo River State Park took the course because it is required for their current position, which includes using fire as a management tool.

CAMPUS CAMPAIGN ENDS WITH \$122,578

The 2007 On-Campus Campaign total is now \$122,578.

Thanks to each and every faculty and staff member who contributed to the Campus Campaign. Because of your generous support scholarships will be available to the very deserving students we serve.

Students are so appreciative of the support they receive and feel that a scholarship not only helps them financially but also that it recognizes their accomplishments.

Elementary Education major Benjamin Wallerus says, “I truly appreciate your contributions because your donation gives students like me the opportunity to be rewarded for my accomplishments. Scholarship money will assist me in furthering my education at MSUM.” English Education major, Terri L. Clark says, “Receiving

my scholarship is an extraordinary honor, and it is also helping me realize my dream of obtaining my teaching degree. As a wife, mother, and student, balancing family and educational finances has been a challenge; thank you for lightening the load. I am very grateful for your financial assistance. I am excited to become one of MSUM's well-trained educators who positively impacts the lives of numerous children for many generations to come."

ANNUAL MATH SCHOLARSHIP WINNERS ANNOUNCED

Each year the faculty of the MSUM Mathematics department selects senior majors to be recognized for their outstanding achievements in mathematics. Selection criteria include mathematics GPA, overall GPA at MSUM, performance in difficult mathematics courses and the results of the ETS Major Field Test in Mathematics.

This year's winners, receiving memberships in The National Council of Teachers of Mathematics, were:

Arick Follingstad, Alicia Stevenson and Jessica Trautwein.

Receiving the annual James T. Wallen Scholarships, named after a member of the department for 30 years: **Rosie Pfenning and Jill Rivinius.** Aimed at junior math majors, the scholarship is based on performance in advanced mathematics courses and an overall grade point average.

Jayne Linstad was selected to receive the Bill Ritchie Award for Excellence in Mathematics based on her distinguished GPA and the contributions she's made to the department. Ritchie was a former professor of mathematics and upon his death in 1987 a scholarship in his honor was established. Linstad plans to continue her education at Clemson University in South Carolina to pursue a doctorate in mathematical sciences.

STUDENT ART EXHIBIT OPENS

A BFA exhibit will be on display through May 10 in the Roland Dille Center for the Arts. The exhibit is in partial fulfillment of students' bachelor of fine arts degrees.

Brooke Kranzler, an art major with a graphic design emphasis, will be showing graphic designs that demonstrate the impact of color psychology.

Yelena Vilenski, an art major with a painting emphasis, will be showing landscapes of North Dakota and Russia. She is originally from the Ukraine and moved to Fargo eight years ago with her husband Leonide. She is also a part-time registered nurse at Meritcare.

Gallery hours are 9 a.m. to 6 p.m. Monday, Tuesday and Thursday; 9 a.m. to 5 p.m. Wednesday; and 9 a.m. to 4 p.m. Friday; or by special arrangement by contacting gallery director Jane Gudmundson, 477.2284 or gudmunja@mnstate.edu.

NEW LIBRARY TITLES

The Livingston Lord Library is pleased to announce the presence of the following new books on its shelves:

Philosophy. Psychology. Religion.

Solomon, Robert C. True to our feelings : what our emotions are really telling us. B105 .E46 S675 2007
APA dictionary of psychology. REF. BF31 .A65 2007
Henderson, Katharine Rhodes. God's troublemakers : how women of faith are changing the world. BL458 .H46 2006
The women of Karbala : ritual performance and symbolic discourses in modern Shi'i Islam. BP194.4 .W66 2005
The Oxford dictionary of the Christian Church. 3rd ed. rev. REF. BR95 .O8 2005
Schrems, Suzanne H. Uncommon women, unmarked trails : the courageous journey of Catholic missionary sisters in frontier Montana. BV2300 .U78 S36 2003

History.

History (general).

Grun, Bernard. The timetables of history : a historical linkage of people and events. 4th ed. REF. D11 .G78 2005

History of Great Britain.

Lupack, Alan. The Oxford guide to Arthurian literature and legend. DA152.5 .A7 L87 2005

History of Northern Europe.

Taylor, Elizabeth, 1856-1932. The far islands and other cold places : travel essays of a Victorian lady. DL271 .F2 T39 1997

History of Africa.

Nzegwu, Nkiru. Family matters : feminist concepts in African philosophy of culture. DT515.45 .I33 N93 2006

History of the United States.

The China challenge : American policies in East Asia. E183.8 .C5 C45 1991

George, Sheba Mariam. When women come first : gender and class in transnational migration. E184 .E2 G46 2005

Statistical record of black America. REF. E185.5 .S7 1990

History of individual states. History of Canada.

Gelbach, Deborah L. Minnesota : shaped by the land. F606 .G45 2005

This wild spirit : women in the Rocky Mountains of Canada. F1090 .T47 2006

Anthropology. Sports and recreation.

Warner, Patricia Campbell. When the girls came out to play : the birth of American sportswear. GT1855 .W37 2006

Lewis, Michael. The blind side : evolution of a game. GV939 .O44 L49 2006

Social sciences.

Social sciences (general).

Holcomb, Zealure C. SPSS basics : techniques for a first course in statistics. HA32 .H65 2006

Industries.

Ditto, Jerry. Eichler homes : design for living. HD9715 .U52 E373 1995

Commerce.

Harris, Chris. Developing a lean workforce : a guide for human resources, plant managers, and lean coordinators. HF5549 .H33818 2007

Finance.

Mudd, Douglas. All the money in the world : the art and history of paper money and coins from antiquity to the 21st century. HG231 .M83 2006

Sociology (general).

Mobile communication and society : a global perspective : a project of the Annenberg Research Network on international communication. HM1206 .M62 2007

The family. Marriage. Women.

Trafficking and women's rights. HQ281 .T714 2006

Hendricks, Jon. Aging in mass society : myths and realities. HQ1064 .U5 H44 1986

Women's history in global perspective. HQ1121 .W88585 2004

Goodwin, Marjorie Harness. The hidden life of girls : games of stance, status, and exclusion. HQ1229 .G67 2006

Women's social rights and entitlements. HQ1236.5 .E85 W647 2006
Finlay, Barbara. George W. Bush and the war on women : turning back the clock on women's progress. HQ1237.5 .U6 F56 2006
Women public speakers in the United States, 1925-1993 : a bio-critical sourcebook. REF. HQ1412 .W68 1994
Hoffert, Sylvia D. Jane Grey Swisshelm : an unconventional life, 1815-1884. HQ1413 .S95 H64 2004
Social pathology. Social and public welfare. Criminology.
Children and youth in adoption, orphanages, and foster care : a historical handbook and guide. HV875.55 .C45 2006
Vogel, Jennifer. Flim-flam man : the true story of my father's counterfeit life. HV6248 .V64 V644 2005
Lynching in America : a history in documents. HV6457 .L95 2005
Haugen, David M. Legalized gambling. HV6715 .H385 2006
Schaffner, Laurie. Girls in trouble with the law. HV9104 .S3224 2006

Law.

Bielefield, Arlene. Technology and copyright law : a guidebook for the library, research, and teaching professions. 2nd ed. KF3030.1 .B533 2007

Education.

Guth, Nancy DeVries. Leading a successful reading program : administrators and reading specialists working together to make it happen. LB1050.5 .G865 2005
Designing everyday assessment in the science classroom. LB1585.3 .D47 2005
McNabb, Mary L. Literacy learning in networked classrooms : using the internet with middle-level students. LB1631 .M32 2006
Little, Judith Warren. Professional community and professional development in the learning-centered school. LB1715 .L58 2006
Developing and sustaining a research-supportive curriculum : a compendium of successful practices. LB2326.3 .D48 2007
Burgan, Mary. What ever happened to the faculty? : drift and decision in higher education. LB2331.72 .B87 2006
Glanz, Jeffrey. What every principal should know about operational leadership. LB2805 .G525 2006
Johnston, James. Effective school leadership : strategies for successful school administrators. LB2805 .J64 2006
Shea, Mary. Drowning in data? : how to collect, organize, and document student performance. LB2822.75 .S55 2005
The Praeger handbook of special education. LC3957 .P73 2007
Putting poor people to work : how the work-first idea eroded college access for the poor. LC4823 .P88 2006

Music.

Saariaho, Kaija. L'amour de loin : opera in five acts ; libretto by Amin Maalouf. M1503 .S1117 A6 2002
Bainbridge, Simon. Ad ora incerta : four orchestral songs from Primo Levi : 1994. M1613 .B2125 A3 1994
Ostrow, Stuart. A producer's Broadway journey. ML1711.8 .N3 O88 1999
McMillin, Scott. The musical as drama : a study of the principles and conventions behind musical shows from Kern to Sondheim. ML2054 .M353 2006
Sullivan, Jack. Hitchcock's music. ML2075 .S89 2006

Art.

Barrett, Terry. Why is that art? : aesthetics and criticism of contemporary art. N6350 .B27 2008
Halpern, Richard. Norman Rockwell : the underside of innocence. ND237 .R68 H35 2006

Language and literature. Performing arts.

McNeill, David. Gesture and thought. P117 .M359 2005
Plautus, Titus Maccius. Rome and the mysterious Orient : three plays by Plautus. PA6570 .A3 R53 2005
The Columbia Granger's index to poetry in anthologies. 13th ed., completely rev., indexing anthologies published through May 31, 2006. REF. PN1022 .H39 2007

Basturkmen, Helen. Ideas and options in English for specific purposes. PE1128 .A2 B317 2006
Ruszkiewicz, John J. SF writer. 4th ed. REF. PE1408 .R869 2008
The way we write : interviews with award-winning writers. PN145 .W39 2006
García Yebra, Valentín. Teoría y práctica de la traducción. 3 ed. rev. PN241 .G37 1997
Esslin, Martin. The theatre of the absurd / Martin Esslin. 3rd ed. PN1861 .E8 2004
Fraser, Pete. Teaching music video. PN1992.8 .M87 F73 2005
Clark, Paul, 1949-. Reinventing China : a generation and its films. PN1993.5 .C4 C572 2005
Dwyer, Rachel. 100 Bollywood films. PN1993.5 .I8 D95 2005
Petrie, Graham. Hollywood destinies : European directors in America, 1922-1931. Rev. ed. PN1993.5 .U6 P47 2002
Belletti, Valeria. Adventures of a Hollywood secretary : her private letters from inside the studios of the 1920s. PN1993.5 .U65 B45 2006
Teasley, Alan B. Reel conversations : reading films with young adults. PN1993.7 .T4 1997
Giannetti, Louis D. Understanding movies. 11th ed. PN1994 .G47 2008
Monaco, James. How to read a film : the world of movies, media, and multimedia : language, history, theory. 3rd ed., completely rev. and expanded. PN1994 .M59 2000
Münsterberg, Hugo. Hugo Münsterberg on film : The photoplay-- a psychological study, and other writings. PN1994 .M8 2002
Gallardo C., Ximena. Alien woman : the making of Lt. Ellen Ripley. PN1995.9 .A475 G35 2004
Kitses, Jim. Horizons west : directing the Western from John Ford to Clint Eastwood. New ed. PN1995.9 .W4 K54 2004
Rudkin, David. Vampyr. PN1997 .V24 R83 2005
Mel Gibson's Passion : the film, the controversy, and its implications. PN1997.2 .P39 M45 2006
The Village voice film guide : 50 years of movies from classics to cult hits.
The director's cut : picturing Hollywood in the 21st century : conversations with 21 contemporary filmmakers. PN1998.2 .D545 2006
Mellen, Joan. Modern times. PN1998.3 .C64 M45 2006
Alter, Nora M. Chris Marker. PN1998.3 .M366 A48 2006
Ward, Richard Lewis. A history of the Hal Roach Studios. PN1999 .H28 W37 2005
Spolin, Viola. Improvisation for the theater : a handbook of teaching and directing techniques. 3rd ed. PN2071 .I5 S6 1999
The Playwrights' Center monologues for men. PN2080 .P62 2005
The Playwrights' Center monologues for women. PN2080 .P6215 2005
Benedetti, Jean. The art of the actor : the essential history of acting, from classical times to the present day. PN2122 .B38 2007
Crespy, David Allison. Off-Off-Broadway explosion : how provocative playwrights of the 1960s ignited a new American theater. PN2277 .N5 C74 2003
The essential Chaplin : perspectives on the life and art of the great comedian. PN2287 .C5 S35 2006
Chandler, Charlotte. The girl who walked home alone : Bette Davis, a personal biography. PN2287 .D32 C54 2006
Crowl, Samuel. The films of Kenneth Branagh. PN2598 .B684 C76 2006
Trotter, Mary. Ireland's national theaters : political performance and the origins of the Irish dramatic movement. PN2601 .T76 2001
Graham, Robert. How to write fiction (and think about it). PN3355 .G73 2007
Kushner, Malcolm L. Public speaking for dummies. 2nd ed. PN4121 .K98 2004
Nowak, Achim. Power speaking : the art of the exceptional public speaker. PN4129.15 .N68 2004
Barbas, Samantha. The first lady of Hollywood : a biography of Louella Parsons. PN4874 .P35 B37 2005

Cuevas Morales, Silvia. De la "A" a la "Z" : diccionario universal bio-bibliográfico de autoras que escriben en castellano, siglo XX. REF. PQ7081.3 .C84 2003

Tompkins, Cynthia. Latin American postmodernisms : women writers and experimentation. PQ7081.5 .T66 2006

Allende, Isabel. Inés del alma mía : una novella. PQ8098.1 .L54 I54 2006

Allende, Isabel. Inés of my soul ; translated from the Spanish by Margaret Sayers Peden. PQ8098.1 .L54 I5413 2006

Shakespeare, William. The winter's tale. PR2839 .A2 O74 1998

Sugarman, Robert. Performing Shakespeare : a way to learn. PR3091 .S84 2005

MacDonald, George. Lilith : a romance. PR4967 .L55 2000

Haynes, John. Letter to Patience. PR6058 .A986 L4 2006

Mitchell, David. Black swan green : a novel. PR6063 .I785 B58 2006

Penney, Stef. Tenderness of wolves. PR6116 .E58 .T46 2006

Mighton, John. Half life. PR9199.3 .M455 H35 2005

Panych, Morris. What lies before us. PR9199.3 .P325 W43 2007

Rossi, Vittorio. Hellfire pass : a carpenter's trilogy : a chronicle in three plays, part one. PR9199.3 .R5997 H45 2007

Carlson, Tim. Omniscience. PR9199.4 .C37 O46 2007

The best American magazine writing, 2006. PS659 .B43 2006

Dall, Caroline Wells Healey, 1822-1912. Selected journals of Caroline Healey Dall. PS1499 .D83 Z46 2006

Tuerk, Richard Carl. Oz in perspective : magic and myth in the L. Frank Baum books. PS3503 .A923 Z88 2007

Peattie, Elia Wilkinson, 1862-1935. Impertinences : selected writings of Elia Peattie, a journalist in the Gilded Age. PS3531 .E255 A6 2005

Steinbeck, John. Travels with Charley and later novels, 1947-1962. PS3537 .T3234 A6 2007

Wilder, Thornton. Thornton Wilder : collected plays & writings on theater. PS3545 .I345 A65 2007

Doig, Ivan. The whistling season. PS3554 .O415 W48 2006

Mason, David. Ludlow : a verse-novel. PS3563 .A7879 L8 2007

Wilson, August. King Hedley II. PS3573 .I45677 K56 2005

Zimmerman, Mary. The Odyssey : a play. PS3576 .I66 O39 2006

Joern, Pamela Carter. The floor of the sky. PS3610 .O25 F58 2006

Letts, Tracy. Bug : a play. PS3612 .E887 B84 2006

Letts, Tracy. Man from Nebraska : a play. PS3612 .E887 M36 2006

Raffo, Heather. Heather Raffo's 9 parts of desire : a play. PS3618 .A378 H43 2006

Setterfield, Diane. The thirteenth tale : a novel. PS3619 .E86 T48 2006

Toso, Erec. Zero at the bone : rewriting life after a snakebite. PS3620 .O87 Z46 2007

Inglis, Raul Sanchez. In the eyes of God. PS8617 .N53 I5 2007

Sciences.

Science (general).

Xie, Yu. Women in science : career processes and outcomes. Q130 .Z54 2005

The best American science writing 2005. Q158.5 B47 2005

Exemplary science in grades 5-8 : standards-based success stories. Q181 .E94 2006

Keeley, Page. Uncovering student ideas in science. Q181 .K248 2005

Penick, John E. Teaching with purpose : closing the research-practice gap. Q181 .P3475 2005

Pfeifer, Rolf. How the body shapes the way we think : a new view of intelligence. Q335 .P445 2007

Mathematics.

Schwartz, Sydney L. Teaching young children mathematics. QA135.6 .S437 2005

Chemistry.

Hutchings, Kevin. Classic chemistry experiments. QD43 .H883 2000

Cooper, Alan. Biophysical chemistry. QD476.2 .C66 2004

Natural history - biology.

Rivers of North America. QH102 .R58 2005

Physiology.

Pochapsky, Thomas C. NMR for physical and biological scientists. QP519.9 .N83 P63 2007

Agricultural sciences.

Binnie-Clark, Georgina, 1871-1955. Wheat and woman. S417 .B545 A3 2007

Technology.

Reporting technical information. 11th ed. T11 .R426 2006

Calori, Chris. Signage and wayfinding design : a complete guide to creating environmental graphic design systems. T385 .C351 2007

Process control performance assessment : from theory to implementation. TJ222 .P76 2007

Wheeler, Paul. Practical cinematography. 2nd ed. TR850 .W53 2005

Military sciences.

Zeigler, Sara L. Moving beyond G.I. Jane : women and the U.S. military. UB418 .W65 Z45 2005

Information resources (general).

Theories of information behavior. ZA3075 .T465 2005

Beagle, Donald Robert. The information commons handbook. ZA3270 .B43 2006

Suggestions for new materials are welcomed and encouraged. Direct them to Larry Schwartz, Collection Management Librarian for the LLL, at x2353 or schwartz@mnstate.edu. Lists of recent acquisitions are available at <http://www.mnstate.edu/schwartz/newbooks.html>. 030707/030807.

The MSUM Department of Music is proud to announce student awards and accomplishments:

ANNUAL MUSIC DEPARTMENT STUDENT HONORS Graduating Seniors:

Music Industry/Music Education senior Nicole LaBore has accepted a year-long internship with Digital Bear Entertainment in Boston.

Music Performance/Music Education senior Kiyotada Ota has been offered a Graduate Scholarship to pursue a Master's Degree in Percussion Performance at Texas Tech University in Lubbock.

Music Performance/Music Industry senior Lucas Bernier has been offered a Graduate Teaching Assistantship at the University of Iowa to pursue a Master's Degree in Percussion Performance.

Music Education senior Paula Musegades has been accepted into the Brandeis Graduate Program to pursue a Master's Degree in Music History.

Music Composition senior Zach Kurth-Nelson has been accepted into the Mills College Graduate Program to pursue a Master's Degree in Music Composition.

MSUM Upperclass Music Scholarship Recipients:

Ashley Sumpter, Kristina Vigesaa, Jannel Barnes, Drew Larson, Cassie Roder, Ashley Leines, Holli Hagen, Justine Fischer, Steve Burket, John Giedosh, Peter Johnson, Cory Sailer, Katherine Storm, Chad Mathis, Morgan Elfelt, Jessica Allen, Christina Jordan, Sarah Howell, Megan Schumacher, Carlie Brekke, Bethany Mathsen, Dustin Schultz, Travis Kuntz, Kristina Vigesaa, Jim Vilandre, Benjamin Jechorek, Jeffrey Taylor, Chad Mathis, and Stacey Knutson.

MSUM Honors Scholarship Recipients: Peter Johnson and Jim Vilandre

Presser Scholarship Recipient:
Haley Rydell

MISCELLANEA

* **Chang-Seong Hong**, Philosophy, presented his paper "Reduction and the Buddhist Mereology" at the American Philosophical Association meetings in Chicago on April 21. He also chaired a three-hour session on "Virtue in Traditional Chinese Thought."

* **Shelton Gunaratne**, Mass Communications, has written the entry on "Triadization" for the Encyclopedia of Governance (Vol. 2, pp. 989-990) edited by Mark Bevir and published by Sage in November 2006.

* An article by **George R. Holley**, Anthropology & Earth Science, entitled "Perspectives From the Edge of Looking Glass Prairie: The Scott Joint-Use Archaeological Project," appeared in the 2006 Southeastern Archaeology Volume 25 no. 2 pg. 301-328.

* **Stephen Hamrick**, English, recently hosted the 15th annual Northern Plains Conference on Early British Literature (NPCEBL). Scholars from as far away as Manhattan and Kansas enjoyed thirty-two papers ranging from the earliest texts in English to the poetry of William Blake, as well as a banquet held in the shadow of the Viking Ship at the Hjemkomst Center. A primarily regional conference, NPCEBL attracts advanced scholars, graduate students, and select undergraduates from the upper Midwest (and farther) to discuss pedagogical, theoretical, and literary-critical issues concerning the early literatures of the British isles. Hamrick now serves as part of the NPCEBL's advisory group and as webmaster and host for the permanent website: www.mnstate.edu/hamrick/NPCEBLWeb.htm. He will edit and publish this year's proceedings shortly.

* **Craig Ellingson** and **Kristin Larson**, Theatre, performed last weekend in Music Theatre Fargo-Moorhead's production of "You're A Good Man, Charlie Brown." Music Theatre Fargo-Moorhead is a new theatre organization aiming to produce professional quality musical theatre for the audiences of Fargo-Moorhead and its surrounding areas. While still in its formative stages, the organization intends to stage a mix of classic, audience favorites as well as contemporary shows and local premieres. "You're A Good Man, Charlie Brown" was the follow up to MTFM's successful inaugural production of 24 Songs in Fall 2006.

* **Maryam Hosseinnia**, Art and Design, was selected to give a presentation at the AIGA "Cross-Cultural Perspective of Visual Communication" conference on April 19 & 20. National and international colleagues attended the conference exploring new ways of using visual communication to bridge diversity, communicate different perspectives, expand horizons, and evolve with global advancements.

* **Peter Geib** and **Ruth Lumb**, School of Business, have co-authored two articles that have been accepted for publication. They are "Ethnocentric Tendencies of Chinese Consumers: Implications for Indian Managers"

in the Journal of St. Joseph's College of Business Administration, and "The Chinese Market: Navigating for Sustainable Competitive Advantage" in The International Trade Journal, Texas A&M International University.

* **Cristina Dobrescu-Mitrovici**, Languages and Cultures, was invited to present the following papers: -"La ejemplaridad de la novela 'El celoso extremeño' de Cervantes" ("The exemplary character of Cervantes' short novel 'The extremely jealous man'"), at the 6th International Congress of Hispanic Literature that took place on the Riviera Maya, Mexico, March 8-10, 2007. Cervantes' originality is once again confirmed by this short story where, beyond the deceptive appearance of the story of the old jealous husband, a deeper meaning lies: a system of social and religious responsibilities, which represent the central problem of the Baroque. The subtle debate regarding marriage can only be understood in the light of the texts of the Council of Trent, and is part of the enormous effort of education of the Spanish writers of the Baroque. According to Lafuente Ferrari, "this sensibility of the Baroque authors, born in a moment of danger for Europe's religious unity, leaves aside the artificial world of the humanists in order to lay again before the public the eternal and painful problems faced by man, and first of all, those regarding his freedom and his salvation, his responsibility and his misery."

-"Women from Byzantium in Medieval Spain", at the 42nd International Congress on Medieval Studies, Kalamazoo, May 10-13, 2007. A mysterious princess from the Eastern Roman Empire comes to the court of Alfonso the X the Wise of Castile seeking help, and is received with the highest honors. The chronicles mention her visit but not her name. Who was she? Why did she come to the faraway court of Castile? What was the relationship between the Castilian king and the Byzantine Empire? Although some documents still exist that deal with the role of Byzantine women, most of the original sources were destroyed by the Fourth Crusade of 1204 and by the Ottoman conquest of 1453. Nonetheless, the information we do possess offers a striking picture of powerful and respected women, who influenced the political and cultural life both in the East and in the West, of woman viewed as made in the "image of God"; a human being who deserves the respect and love of society, whose rights and dignity were to be strenuously safeguarded.

CLASSIFIEDS

* For Sale: Wood dining room hutch with sliding glass doors. \$50. Call Carolyn Zehren 477-2085.

* Professor Emeritus Martin Holoien and his wife are looking for a **house to rent in Moorhead for the month of June**. They have references. If you can help them, call 805-569-7038

* **Mission style furniture for sale:**

-One bookshelf, three shelves on top plus doors at the bottom with two shelves inside (\$75)

-Two end tables or bedside tables each with three drawers (\$100 each)

-Four plant tables, legs are mission style and top surface is granite, would be perfect as end tables in a living room or family room/den (\$50 each)

-One mission floor lamp (\$25)

-Two custom-made genuine Washington State cedar

wood Adirondack chairs with matching small side table and Adirondack chair covers for outdoors included (three pieces \$75)

Contact Richard at 477-5841, e-mail adlerri@mnstate.edu or call his cell at 866-1890.

PROVOST, WALLERT SPEAK AT EXPERIMENTAL BIOLOGY 2007

Joseph Provost and Mark Wallert, from the MSU Moorhead Biosciences department, spoke last weekend at the Experimental Biology 2007 meeting in Washington, D.C., and the American Society for Biochemistry and Molecular Medicine chose the following paper to be included in materials given to reporters covering this meeting.

Newly Recognized Events On Signaling Pathway Enable Stress Hormones To Enhance Tumor Cell Migration, Metastasis

For most cancers, the major risk to life and health is metastasis: when tumor cells migrate from the original site to create secondary tumors in other organs. Some studies have shown that stress hormones can affect this migration and hence the invasive potential of cancer cells. Minnesota State University Moorhead scientists Joseph Provost and Mark A. Wallert currently are studying the cell signal pathways through which stress related hormones regulate tumor cell migration.

Speaking April 29 at Experimental Biology 2007, in Washington, D.C., Dr. Provost reports a new understanding of some of the factors involved in increased cell movement and tumor migration in lung cancer, bringing the laboratory another step forward in the search for a previously unsuspected protein that activates the cascade of cellular events leading to metastasis. The team is working with five different cell lines from patients with lung cancer, the leading cause of cancer deaths in the United States for both men and women, claiming more lives than colon, prostate and breast cancer combined.

Provost's presentation is part of the scientific program of the American Society for Biochemistry and Molecular Medicine.

Cell signaling pathways represent different steps or chemical reactions that occur in a cell when a molecule, such as a hormone, attaches to a receptor of the cell membrane, activates components within that cell, and induces a specific response. This process coordinates all cell actions, including the nitty gritty of biological life such as cell growth, discrimination, and gene expression. But slight changes in cell signaling processes can cause cancer and other diseases. In fact, the abnormal behavior of cancer cells often can be traced to an error or alteration in cell signaling mechanisms. Provost and Wallert believe that better understanding of this complex process could lead to more effective treatment for lung and other cancers.

The major focus of half of Provost's and Wallert's research has been understanding how the Sodium Hydrogen Exchanger (NHE) acts as a center for directing cell migration in an organized fashion. Although some

of NHE's functions have been known to play key roles in acid base regulation, its role in cell motility and metastasis has not yet been fully identified. The scientists look at the interaction of NHE and a family of proteins named ERM involved in the cell signaling process.

The other half of the scientists' research focuses on how these molecular events impact human cancer. Working with human lung cancer cell lines, they have been able to see that the enzymes phospholipase D and ERK both play a role in coordinating how three different hormones believed to be involved with cancer contribute to the mobility and invasion of cancer cells. The three hormones are the α 1-adrenergic receptor agonist phenylephrine (note that the person formatting release will make this alpha with lower set 1), urokinase plasminogen activator and lysophosphatidic acid. The scientists found that stimulation of the α 1-adrenergic receptor leads to increased cell movements and that the enzyme phospholipase D, long thought to be involved in organizing cellular mechanisms, is critical in this process. These enzymes also signal through other important proteins in tumor migration, and drugs that inhibit their activity and the activity of NHE (the Sodium Hydrogen Exchanger that acts as a center for directing cell migration) appear to prevent this invasion. The scientists currently are working on understanding how NHE is activated by other proteins within the cell.

Related work in this area being presented at Experimental Biology has been conducted by more than 10 different undergraduate students at Minnesota State University Moorhead, mentored by Provost and Wallert, both of whom have been named members of the Faculty for the 21st century in Project Kaleidoscope, a program to help build and sustain strong undergraduate programs in science, technology, engineering and mathematics.

The presentations are part of an expanded effort by the American Society for Biochemistry and Molecular Biology to showcase science at undergraduate institutions. These presentations are funded by the National Science Foundation with a partial match by the ASBMB. Funding for the study described above came from the National Science Foundation and the National Institutes of Health.

STRAW HAT FEATURES FIVE SHOWS IN ITS 44TH SUMMER SEASON

The Straw Hat Players Summer Theatre Company will open its 44th season with five hit shows on its marquee: three musicals: "I Love You, You're Perfect, Now Change," "The Best Little Whorehouse in Texas," and "Guys and Dolls"; a comedy, "Prelude to a Kiss"; and the classic Tennessee Williams drama, "A Streetcar Named Desire."

All shows start at 7:30 p.m. and the season opens Tuesday, June 12.

Single show ticket prices range from \$12 for seniors and \$15 for general admission. A variety of season ticket options are also available. Call the MSUM Box Office for reservations or details, 477-2271 or go to www.mnstate.edu/strawhat/tickets.cfm

Featured this summer:

“I Love You, You’re Perfect, Now Change”

Tuesday through Friday, June 12-15

Joe DiPietro and Jimmy Roberts’ musical comedy revue about everything you have ever secretly thought about dating, romance, marriage, lovers, husbands, wives and in-laws, but were afraid to admit. It’s Off-Broadway’s longest-running musical.

“Prelude to a Kiss”

Tuesday through Friday, June 19-22

This comedy focuses on the wonder and confusion of life in a romantic and metaphysical thriller. The story revolves around a couple that meets, falls in love and gets married. But at the wedding reception, something mysterious and supernatural occurs, throwing light on modern relationships. Written by Craig Lucans, the play ran for 440 performances, received a Tony Award nomination as Best Play, and was a finalist for the Pulitzer Prize for Drama. The title is taken from the torch song by Duke Ellington.

“The Best Little Whorehouse in Texas”

Tuesday through Friday, June 26-29

The happy-go-lucky story, set in Gilbert, Texas, concerns a brothel outside of town that has been operating for more than a century. It was known as the Chicken Ranch because during the Depression customers could pay with poultry. In the late 1970s it’s under the proprietorship of Miss Mona Stangle, who, while taking care of her girls, is also on good terms with the local sheriff, Ed Earl Dodd. When a crusading television reporter, Melvin P. Thorpe, “uncovers” the illegal activity (that is, makes an issue out of something that is common, but quiet, knowledge in Texas), political ramifications cause the place to be closed down.

“A Streetcar Named Desire”

Tuesdays through Fridays, July 10-13 and July 17-19

The play is considered an icon of its era, as dealing with a culture clash between two symbolic characters, Blanche DuBois—a pretentious, fading relic of the Old South—and Stanley Kowalski, a rising member of the industrial, inner-city immigrant class. The play, a critical and box office success, won Tennessee Williams the Pulitzer Prize for Drama in 1948.

“Gus and Dolls”

Wednesday through Saturday, July 25-28

Based on Damon Runyon’s short story “The Idyll of Miss Sarah Brown,” “Guys and Dolls” revolves around Nathan Detroit, the organizer of the oldest established permanent floating crap game in New York, who bets fellow gambler Sky Masterson that he can’t make the next girl he sees fall in love with him. The next girl he sees happens to be Miss Sarah Brown, a pure-at-heart Salvation Army-type reformer, and the stage is set for a hilarious evening of complications. The show features such musical hits as “Luck Be A Lady” and “Sit Down You’re Rocking The Boat.”

MSUM PARTNERS WITH ANOKA RAMSEY COLLEGE TO DELIVER EDUCATION DEGREE

Anoka Ramsey Community College (ARCC) and MSUM

are collaborating to deliver a bachelor of science degree in special education on the ARCC Cambridge campus.

This opportunity is attractive to ARCC students and graduates, who will complete their associate’s degree at ARCC and then apply directly to MSUM. MSUM will accept their degree as completion of under-division requirements. Once accepted, students will continue to take classes on the ARCC campus, but the classes will be offered by MSUM and apply toward their bachelor’s degree. Successful completion of this degree allows graduates to obtain a Minnesota teaching license in Special Education: Emotional/Behavior Disorders.

The U.S. Department of Labor, Occupational Outlook Handbook, states: “Employment of special education teachers is expected to increase faster than the average (18 to 26 percent) for all occupations through 2014,” created by increased need for services, legislation emphasizing training for individuals with disabilities, educational reforms, and by special education teachers retiring or leaving the profession.

Courses begin Fall 2007 and will be delivered through a combination of on-campus, online, ITV and hybrid formats.

An information meeting for interested ARCC students and alumni will be from 5:30-6:30 p.m. Thursday, May 3 at the ARCC Cambridge campus in E244.

This program benefits students because the environment is familiar and convenient—same campus, same library, same parking, same support services, and now a bachelor’s degree, too!

ARCC students and graduates do not need to travel a long distance to get a bachelor’s degree. Working professionals, who want to complete their bachelor’s degree or obtain a teaching license in Special Education, can take evening or weekend classes, too.

For more information, contact Britt Ferguson, 477-2554 or fergub@mnstate.edu.

WALKATHON TOPS \$106,000 SO FAR

Last week’s Dragon Fire Walk for Athletics has taken in more than \$106,000 to date. Besides all the walkers and donators, Dragon Fire President Greg Peterson would like to thank the university’s physical plant and grounds crew for their work during the event.

IT SUMMER DEVELOPMENT OPPORTUNITIES

Instructional Technology Services will be providing several faculty development opportunities this summer. Faculty who participate will be eligible for several software and hardware products and MSUM bookstore certificates. The workshops are free and open to all MSUM faculty. More details will be published soon regarding specific dates and times of the workshops.

June: Teaching Online Webinar Series

This series of webinars focuses on developing skills to teach online or hybrid-delivered courses. We will

view several archived and “live” webinars that present excellent practices for teaching online. Many of the webinars have links to wonderful handouts and resources.

Join us to view the webinars and exchange ideas and strategies for teaching online. These webinars will be approximately 1 hour each, and we’ll provide an additional 30-minute discussion opportunity following the webinar.

* Selected archived and “live” webinars cover the following areas:

- * Online Course Design
- * Classroom Assessment Techniques in the Online and Blended Classroom
- * Promoting Online Communication
- * Creating Your Own WebCast
- * Support Tactics to Help Online Students

(July) Enriching Course Content with Multimedia

This series focuses on applications that work with audio, video, scanning, and image editing.

- * Scanning Tips and Techniques
- * Adding Narration to PowerPoint Presentations
- * Editing Images with PhotoElements
- * Creating Online Demonstrations and Simulations using Captivate
- * Working with Audio (Audacity and GarageBand)
- * Web-Based Simulations Made Easy

(August) Collaboration Made Easy with Web

2.0 Applications (Wikis, Blogs, News Readers, and Podcasts)

This series of workshops focuses on new web-based applications that allow individuals to easily collaborate on the Web.

- * Wikis
- * Blogs
- * RSS and News Readers
- * Podcasting
- * Social Networks

(August) Desire2Learn Series

This series focuses on MSUM’s Instructional Management System (Desire2Learn):

- * What’s New in D2L Version 8.1?
- * Adding Content to the Course
- * Communication Tools: Discussion, Chat, Pager, Blog
- * Assessment Tools: Quizzes, Survey, Gradebook, Rubric-Creator & Competencies
- * Creating Groups

SPRING IT CONFERENCE u-CONNECT: WEB 2.0 TOOLS AND STRATEGIES, MAY 14

Register now for the Spring Instructional Technology Conference, u-Connect: Web 2.0 Tools and Strategies, at the MSUM Center for Business on May 14, 2007.

More information is available at www.mnstate.edu/ITAdvisory/Conf2007.html