



Interdisciplinary PhD in Evaluation

Student/Alumni Accolades

Alumna Dr. **Daniela Schröter** received a \$55,000 grant to conduct a large-scale process evaluation of Share Our Strength's (SOS) Operation Frontline (OFL), which is a national nutrition education program and based on an experiential learning approach in which low income, food insecure families are taught to prepare low cost, nutritious meals by professional chefs and nutritionists. *International Aid Evaluation: An Analysis and Policy Proposals*, the dissertation of alumnus Dr. **Thomaz Chianca**, was used to forward the work the American Evaluation Association's International Committee. Students **Anne Cullen** and **Stephanie Evergreen** received the Graduate Student Travel Grant from WMU and the Daniel L. Stufflebeam Travel Scholarship, respectively.



Faculty members pose with their teaching and service awards

College of Fine Arts

Faculty and Staff Accolades

On September 18, 2008, Professor **Greg Roehrick**, Department of Theatre, received the 2008 College of Fine Arts Dean's Teaching Award. Associate Professor **David Curwen**, Department of Dance, and Office Coordinator

Kathleen Keckler, Frostic School of Art, received the College of Fine Arts Outstanding Service Award. Awardees were nominated by CFA faculty, staff, students and alumni. The College Leadership Team reviews all nominations and presents their recommendations to the dean. In the case of the Dean's Teaching Award, faculty members meet with the dean and are observed in the classroom.

Carolyn Pavlik, assistant professor of dance was named the winner of the 2008 Maggie

Allesee New Choreography Award for her dance "Nothing was left but white fragments." The dance was performed by senior dance majors **Tercell Waters** and **Lonnie Poupard**,

Continued on next page

Table of Contents

College of Arts and Sciences	2	Graduate College	9
College of Aviation	10	Haworth College of Business	19
College of Education	12	Haenicke Institute for Global Education	13
Emeriti Council	4	College of Health and Human Services	6
College of Engineering and Applied Sciences	14	Interdisciplinary PhD in Evaluation	1
Extended University Programs	4	Lee Honors College	5
College of Fine Arts	1	University Libraries	5



Carolyn Pavlik

Jr. in the annual competition hosted by the Michigan Dance Council. "Nothing was left but white fragments" portrays the dual nature of relationships and how the push and pull presents itself in conversation and discussion to determine what remains when all is said. This work was influenced by collaborations with Yacov Sharir and was danced to the musical selection *Moonlight Sonata* by Beethoven.

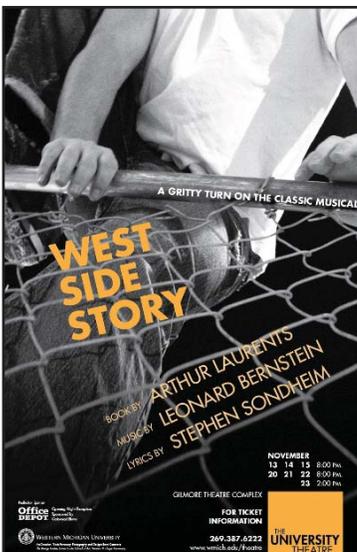
Professor **Cat Crotchett**, Frostic School of Art, will be discussing her work as a professional artist for more than 20 years as part of the RCVA 2007-2008 Visiting Artist/Scholar Series. Her presentation will take place on Thursday, November 20, at 5:30 p.m. in room 2008 at the Richmond Center. The scholar series is open to the public and is free of charge.

Assistant Professor of Dance **Megan Slayter** was a guest artist at the University of Washington in early October. With artistic collaborator Jessica Lindberg Coxe, Professor Slayter staged a reconstruction of choreographer Loie Fuller's *Lily of the Night*. Professor Slayter, an expert in historical dance lighting, was responsible for reconstructing the lighting design for the dance. Coxe and Slayter have staged *Lily of the Night* on WMU dance majors who will perform it in the Department of Dance's Winter Gala Concert in January 2009.



Cat Crotchett

Assessment of Student Learning



West Side Story

Frostic School of Art alumna **Genevieve Tiffany Holloway** recently exhibited her paintings in 'Galerie du Gildo Pastor Center' in Monaco. This exhibition will be the last of 3 solo shows this year under the theme 'Poésie en Couleurs' ('Poetry in Colours') and was previously very successfully presented in Villefranche-sur-Mer (May '08 France – Côte d'Azur) and Stamford (July '08 England - Midlands).

Upcoming Events

The Department of Theatre proudly presents a gritty turn on the classical musical, *West Side Story*. Bernstein's soaring score and Sondheim's unforgettable lyrics combine in this timeless story of prejudice and impossible love. *West Side Story* runs Thursday through Saturday at 8 p.m. in Shaw Theatre, November 13-15 and 20-22. There is a 2 p.m. Sunday Matinee on November 23. Tickets may be purchased by calling the box office at (269) 387-6222.

The Department of Dance is offering a scholarship fundraiser on Saturday, November 15, at 8 p.m. in the D. Terry Williams Theatre, Gilmore Theatre Complex. Dancing with the WMU/Kazoo Stars will feature celebrity dancers partnered with WMU dance majors. Celebrity dancers include: Carolyn Alford, Kalamazoo County Commissioner; Anne Berquist, Executive Director, Kalamazoo Arts Council; **John Dunn**, President, WMU; Bobby Hopewell, Mayor, City of Kalamazoo; Ken Miller, Chairman, WMU Board of Trustees; Marilyn Schlack, President, KVCC; Pete Strazdas, Mayor, City of Portage; and celebrity guest judge Lori Moore. Tickets are \$75 per person (\$50 is tax deductible) and may be purchased through the Department of Dance by calling 387-5835. Hors d'oeuvres and desserts will be provided. There will be a cash bar.

The WMU Bronco Marching Band will close their season in concert in Miller Auditorium at 3 p.m. Sunday, November 9. Tickets are available at the Miller Auditorium box office.

The Frostic School of Art will feature an exhibition in the Monroe-Brown Gallery from October 30 through November 25 entitled *Charismatic Abstraction*. The exhibit will feature the work of guest artists John L. Moore, Moira Dryer, Chris Martin, Dona Nelson, and Mike Cloud.



Art by Mike Cloud

College of Arts and Sciences

Items of Academic Interest

The Department of Mathematics inaugurates new Minor in Actuarial Science. As of Fall 2008, WMU students have the option to declare a minor in actuarial science through the Department of Mathematics. Coursework for the exciting new program cuts across several departments, including

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mathematics, statistics, economics and finance. Details for this program may be viewed under the Academic Programs link on the math webpage. For more information contact **Dr. John Petrovic** (john.petrovic@wmich.edu).

According to statistics from the Vice President for Research, the Department of Mathematics brought in more than \$3.5 million in external grants during 2006-2007, which is 10.6% of the University total for the year. These awards included more than \$269,000 in F&A monies. Both the total and F&A amounts were the largest for any department on campus. Much of the funding supports the Core Plus Mathematics Project and Center for the Study of Mathematics Curriculum, two major projects directed by Professor **Chris Hirsch**. More information can be found in the College of Arts and Sciences newsletter from Jan 28, 2008.

The Summer Translation Institute (STI), hosted by the Department of Foreign Languages at Western Michigan University, offers a unique opportunity for advanced language learners and professionals to improve their translation skills while working on their language proficiency. This program is unique in that it provides intensive translation training in Arabic, Chinese, French, and Japanese, which is available only in a handful of graduate programs in the United States despite the high demand for translators in the marketplace. The STI will take place during the first four weeks of Summer II 2009 (June 25, Thursday – July 24, Friday). For more information, please contact the Department of Foreign Languages at the following address: Department of Foreign Languages, 4th Floor, Sprau Tower, Western Michigan University, Kalamazoo, MI 49008-5338 or email at: summer-translation@wmich.edu.

Faculty and Staff Accolades

Dr. Jeffrey Angles received a \$20,000 grant to translate the memoirs of one of the most prominent poets in Japan. This is the second grant for Angles, assistant professor of foreign languages and director of WMU's Japanese language program, to translate "Twelve Perspectives," the 1970 memoir of Mutsuo Takahashi. Last spring, Angles received a \$3,500 award for the project from human rights and literacy organization PEN American Center. Originally published in Japanese, the work tells of the poet's youth and coming of age against the backdrop of the rise of the Japanese empire and World War II. Angles was one of just seven recipients of the NEA's highly coveted \$20,000 grants, out of a total of 13 NEA grants awarded this year.



Dr. Jeffrey Angles

MISE is pleased to announce that **Dr. Heather Petcovic** of the Institute has just been awarded a National Science Foundation research grant titled, "Collaborative Research: Learning across the Expert-Novice Continuum: Cognition

in the Geosciences." The grant is for \$500,000 over 3 years. Her co-researcher on the grant is **Dr. Kathleen M. Baker** of the WMU Department of Geography, along with external collaborators Dr. Julie Libarkin and Dr. Zach Hambrick of Michigan State University.



Dr. Heather Petcovic

New Issues Poetry & Prose, a literary publisher at Western Michigan University, has been awarded a \$9,000 grant from the Michigan Council for the Arts and Cultural Affairs to support the publication of three new titles in the Inland Seas Poetry Series. The three titles, each by poets who currently live in Michigan or who have strong Michigan connections, will be published in 2008-09.

- "Talking Diamonds," a new book of poetry by former Poet Laureate of Grand Rapids, Mich., Linda Nemec Foster
- "Beauty Breaks In," a fourth collection of poetry by Mary Ann Samyn, author of two other Inland Seas titles: "Inside the Yellow Dress" and "Purr."
- "Hilarity," a third book of poems by Detroit-native Patty Seyburn, also a winner of the 2008 Green Rose Prize in Poetry.

New Issues believes in supporting one of Michigan's most precious natural resources. To date, the publication of over 50 books has been supported by MCACA as part of our Inland Seas Series. The Michigan Council for Arts and Cultural Affairs serves to encourage, develop and facilitate an enriched environment of artistic, creative, cultural activity in Michigan. For more information please contact **Marianne Swierenga**, managing editor: new-issues@wmich.edu or newissuespress.blogspot.com.

Renee' Schwartz (Mallinson Institute for Science Education) has a new publication in the October 2007 issue of the journal Science Scope. The title is, "What's in a Word? How Word Choice Can Develop (Mis)conceptions About the Nature of Science."



Renee' Schwartz

David W. Rudge, (Mallinson Institute for Science Education) will have an article published in the next issue of History and Philosophy of the Life Sciences, "H.B.D. Kettlewell's Research 1937-1953: The Influence of E.B. Ford, E.A. Cockayne and P.M. Sheppard."



David W. Rudge

Student/Alumni Accolades

Two College of Arts and Sciences students will study in Tokyo and Berlin on full-ride scholarships for the 2008-09 academic year. **Janelle Garchow**, a junior majoring in economics from Belmont, Mich., has received the Keio University Exchange Scholarship and David Gregg, a senior majoring in psychology, from Houghton, Mich., has received the Freie Universitat Berlin Scholarship. Both scholarships are valued at nearly \$20,000 and cover two semesters of study, including tuition, room and board, and some personal expenses. Selection is based on academic achievement and language proficiency and made by a WMU jury that includes faculty members as well as staff members from the Haenicke Institute for Global Education.

Gabriel Giron, a senior in at the School of Communication and the Lee Honors College, had the opportunity to perform and give a speech at the School of Communication Matriculation ceremony. His performing poetry duo, Kinetic Affect (with Kirk Latimer, a former WMU student), recently won the Kalamazoo Has Talent competition and has been named Kalamazoo's Most Talented Performers.

Undergraduate Research Award winners from the School of Communication and their faculty mentors:

- **Nathaniel Abernathy -- Kevin Abbott** (adjunct)
- **Brian Lane -- Jennifer Machiorlatti**
- **Mallory Yockey -- Jennifer Machiorlatti**
- **Katherine Dinsmore -- Jennifer Machiorlatti**

Robert Reichner (Political Science) has been named Presidential Management Fellow. He is the second Presidential Management Fellow from the Department of Political Science in the past five years - Dawn Heuschel received the PMF in 2005. The PMF is very competitive. Reichner received the fellowship offer in early summer and he has been in his first rotation since the last week in August - a civilian position with the Navy - the United States Fleet Forces Command in Virginia. He is veteran, a former Marine, and he participated in the Kosovo peacekeeping operations.

Upcoming Events

November 5

- Event: Center for the Study of Ethics in Society Talk
- Title: "From Guernica to Baghdad: The Normalization of State Terrorism" presented by **Ronald Kramer**, WMU
- Location: 210 Bernhard
- Time: 7:30 p.m.

November 7

- Event: Biological Seminar Series
- Title: TBA, presented by Bruce Bamber, University of Toledo
- Location: 1718 Wood Hall
- Time: 3:30 to 4:50 p.m.

November 7

- Event: Lucia Harrison Colloquium
- Title: "National Park Service Interpretive Programs: Making Your Park Visit More Meaningful" presented by **Ray Koole**, WMU and "A Comparative Analysis of the 1876 and 2000 U.S. Presidential Elections" presented by **Michael Gutowsky**, WMU
- Location: 2708 Wood Hall
- Time: 3 p.m.

November 12

- Event: Department of History and Canadian Studies Speaker
- Title: "How Old is the League of the Iroquois?" presented by Dr. William A. Starna, SUNY-Oneonta
- Location: 3301 Friedmann Hall
- Time: 1 – 2:30 p.m.

November 13

- Event: Frostic Reading Series: playwright Erik Ramsey
- Location: Little Theatre
- Time: 8 p.m.

Emeriti Council

Upcoming Events

On October 24, the Emeriti Council sponsored a panel on "The Future of Higher Education in the State of Michigan" in the Auditorium of the Haworth College of Business. This public event features Lieutenant Governor John Cherry, WMU Trustee Bill Johnston, and WMU Provost **Timothy Greene** in a panel discussion moderated by WMU President **John Dunn**. The Emeriti Council offers a monthly speaker series by emeriti on topics of general interest.

Wednesday, November 12, 2 p.m., in the Emeriti Lounge, Walwood Hall, Dave and Lyn Hargreave will speak on "People to People: Ways to experience cultures and exchange friendships around the world." Wednesday, December 3, 2 pm in the Walwood Hall lobby, "Holiday Stories presented by students from The Department of Theatre."

Extended University Programs

Items of Academic Interest

Extended University Programs and the College of Health and Human Services unveiled technology they use for a

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long-distance anatomy class. While lab assistant **Danielle Clarke** was in the cadaver lab at WMU's College of Health and Human Services, occupational therapy instructor **Cindee Quake-Rapp** and the students were some 50 miles away at WMU's downtown Grand Rapids campus. The demonstration was part of the unveiling of WMU's new 'tele-health' linkup between the anatomy lab in Kalamazoo and a classroom at the Grand Rapids campus. Because of the technology—which allows for the viewing of live moving images transmitted over the Internet—WMU will offer its 28-month master's degree program in occupational therapy in Grand Rapids next fall. **Earlie Washington**, dean of the College of Health and Human Services, called it "bridging the resources of two campuses." The course in human anatomy is a prerequisite for WMU's occupational-therapy program. Rather than try to replicate the expensive cadaver lab, program leaders turned to Internet technology. Washington and others were in the Grand Rapids classroom, while staff in the Kalamazoo lab interacted with them through the Internet link. During the demonstration, they used bone structures, but students in the classroom examine the anatomy of cadavers through the 'tele-health' link. "Using technology in this way is emblematic of the way we will approach many programs in the future," said President John M. Dunn, who was also watching from Grand Rapids. Quake-Rapp, chairwoman of the Department of Occupational Therapy, developed the technique with Jaclyn West-Frasier, director of the Grand Rapids occupational-therapy program. Because students can pose questions live and see real-time high-resolution images of anatomy, "it's very much like being in the lab with them," Quake-Rapp said. (Parts reprinted from "WMU unveils long-distance anatomy class" written by Paul Davis in the Kalamazoo Gazette, October 9, 2008.)



New 'tele-health' linkup technology in use at The Graduate Center-Downtown.

that students may encounter in their campus experiences.

Faculty and Staff Accolades

Applications are now being accepted for the Seibert Undergraduate Research and Creative Activities award.

Successful applicants will receive \$1000 to be used in designing and completing a faculty advised research project. Information about the award is available at <http://www.wmich.edu/honors/current/scholarships.html>.

Student/Alumni Accolades

Lee Honors College student **Elyse Cornett** is a 2008 recipient of the Seibert Undergraduate Research and Creative Activity award. Cornett has been working in Dr. **Lisa Baker's** behavioral neuropharmacology laboratory with doctoral student **John Panos**. In March Cornett began her honors thesis project, entitled "Effects of Orexin-A Microinjections in the Lateral

Hypothalamus on Conditioned Place Preference in Rats." Cornett presented preliminary findings from her research at the Michigan Chapter Society for Neuroscience conference in May of 2008. With a renewal of the Seibert Undergraduate Research and Creative Activities Award, Cornett is continuing her research for this project with additional doses of orexin-A in an attempt to replicate previous findings with lower doses. She plans to present the additional findings at the Society for Neuroscience annual meeting in November 2008, to be held in Washington D.C. This invaluable research experience has given Cornett a competitive edge that is most favorable when applying to research-intensive graduate programs. The knowledge and technical skills Cornett gained in the past year most likely facilitated her acceptance into a highly competitive internship position with the National Institute on Drug Abuse this past summer. The summer internship program at NIDA allowed Cornett a rare opportunity to work with two leading scientists in the field of drug abuse research, Dr. Jonathan Katz and Dr. Gianluigi Tanda.

Lee Honors College

Items of Academic Interest

Sue Oole, Nick Andreadis and nine Honors College students attended the Michigan Honors Association annual meeting at Higgins Lake in October. The theme of the two day conference was Leadership and Ethics. Students had the opportunity to discuss and manage common ethical issues

University Libraries

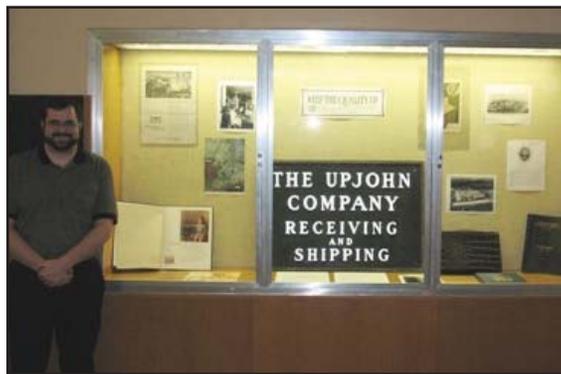
Items of Academic Interest

Volunteers for Library User Research: Faculty Librarians **Sheila Bair, Birong Ho,** and **Michael Whang** are assessing and evaluating the existing library catalog (Voyager) and the

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library's new catalog (VuFind) that is currently in development. University Libraries is continuing its programmatic approach to user-centered Web site development by conducting several HSIRB-approved usability studies with students and faculty. Investigators Whang, Bair, and Ho are seeking WMU graduate student and campus faculty volunteers to answer directed questions using the new library catalog and then communicate to them the processes that were easy to use and those in need of improvement. Interested students and faculty should contact principle investigator, Michael Whang, michael.whang@wmich.edu for details of the study. To date, a total of ten undergraduates have participated in the study.

Research assistant **Andy Young** has been working on the Upjohn Archives in the University Archives and Regional History Collections. To date the Gilmore Foundation has supported the archival work through a \$30,000 grant. In October, Young mounted a display of artifacts from the Upjohn Archives in a window case located immediately after the doors of the lobby of the Bernhard Center. The Upjohn Company had been a major employer of the Kalamazoo area and supporter of education and the arts. University Archives and Regional History Collections hold valuable photos, publications and business papers of many commercial enterprises in southwest Michigan.



Andy Young

Faculty and Staff Accolades

Librarian **Michele Behr** and Director of Resource Sharing **Julie Hayward** have published a co-authored piece in librarianship: Behr, M., and Hayward, J. "Do Off-Campus Students Still Use Document Delivery? Current Trends." *Journal of Library Administration*, vol. 48.

Prof. **Michael Whang**, head of web & internet services has published: "Card-Sorting Usability Tests of the WMU Libraries' Web Site." *Journal of Web Librarianship: Library Web Sites: Evaluation and Usability Studies*. Eds. Amanda Spink and Helen Partridge. Hershey, PA: Haworth Press, 2008. 205-218.

Prof. **Ed Eckel**, engineering librarian, has had an article accepted by the online library journal *Issues in Science & Technology Librarianship*. "The Emerging Engineering Scholar: A Citation Analysis of Theses and Dissertations at Western Michigan University" discusses the research skills of master's and doctoral graduate students as indicated by the sources they use for their research.

Prof. **Sheila Bair**, Technical Services, and Dr. **Sharon Carlson**, University Archives have co-authored an article: Bair, S. and Carlson, S. "Where Keywords Fail: Using Metadata to

Facilitate Digital Humanities Scholarship." *Journal of Library Metadata*, v. 8(3): 249-262.

Assessment of Student Learning

The University Assessment Steering Committee chose a published paper of Prof. **Brad Dennis's** entitled, "Using Content Analysis Software to Analyze Survey Comments" to receive the UASC Assessment Excellence Award. University Libraries has twice administered the national-user satisfaction instrument LibQUAL+. Brad and fellow colleagues Drs. **Galen Rike** and **Barbara Cockrell** took leadership roles in its administration and analysis. In the letter announcing his award it was noted that the academic community throughout the world will benefit from his work. Work of this nature to foster

assessment practices and improve student learning at WMU is also highly valued in our times of assessing outcomes for national accreditation purposes. Brad's paper highlights the essential role played by University Libraries in the academic enterprise at WMU. UL is an integral part of the campus educational experience: providing space, materials, easy access, instruction, and assessment activities to support and improve the learning environment on campus. Dennis was publically recognized at the fall awards luncheon on Friday, October 10, 2008. His paper will be eventually linked to the Office of Institutional Effectiveness Website.

College of Health and Human Services

Items of Academic Interest

Following the cues of Occupational Therapy Instructor **Cindee Quake-Rapp**, lab assistant **Danielle Clarke** rotated a skull to show students structures at its base. While Clarke was in the cadaver lab at WMU's College of Health and Human Services Wednesday afternoon, Quake-Rapp and the students were some 50 miles away at WMU's downtown Grand Rapids campus. The demonstration was part of the unveiling of WMU's new "tele-health" linkup between the anatomy lab in Kalamazoo and a classroom at the Grand Rapids campus. Because of the technology—which allows for the viewing of live moving images transmitted over the Internet—WMU will offer its 28-month master's degree program in occupational therapy in Grand Rapids next fall. **Earlie Washington**, dean of the College of Health and Human Services, called

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watching from Grand Rapids. Quake-Rapp, chairwoman of the WMU Department of Occupational Therapy, developed the technique with **Jaclyn West-Frasier**, director of the Grand Rapids occupational-therapy program. Because students can pose questions live and see real-time high-resolution images of anatomy, "it's very much like being in the lab with them," Quake-Rapp said.



New 'tele-health' linkup technology in use at The Graduate Center-Downtown.

health sciences, has been appointed Director of the new Occupational Therapy Professional Masters program at the Grand Rapids-Downtown Graduate Center through WMU's Extended University Programs.

Dr. Barbara Barton, School of Social Work, has been reappointed by Governor Granholm for the seventh year to the Michigan Statewide Independent Living Council which oversees all fourteen of Michigan's independent living centers for people with disabilities. She has also been re-elected President of the Michigan Disability Rights Coalition Board.

In October, **Dr. Debra Lindstrom-Hazel** published two articles: Lindstrom-Hazel, D. (2008). A single subject design of ergonomic intervention effectiveness for employees in a university setting. *Work*. 31(1), 83-93, and Culig, K. M., Dickinson, A. M., Lindstrom-Hazel, D., & Austin, J. (2008). Combining workstation design and performance management to increase

ergonomically correct computer typing postures. *Journal of Organizational Behavior Management*. Vol. 28 (3), 146-175.

The National Institute of Health (NIH) has awarded a \$1.2 million grant to Western Michigan University's Southwest Michigan Children's Trauma Assessment Center (CTAC) to help maltreated, traumatized children in a multi-county region. The grant is from the NIH's Substance Abuse Mental Health Service Administration under the National Child Traumatic Stress Initiative. The federal funding will enable CTAC to improve child welfare practices in several counties across Michigan and two tribal courts. It is the second National Child Traumatic Stress Initiative grant the center has received, the first being a \$1.6 million award in 2003. The recent grant will target change at three levels--system change, service delivery and child well-being--through a series of collaborative trainings and service implementation. Change in the perspectives and skills of professionals and caregivers at every level of the child welfare system will be fostered and sustained through training and consultation at county demonstration sites from urban cities to rural communities. Key stakeholders at demonstration sites will build joint leadership, while teams will integrate new material into their practice to improve the treatment of



Dr. Debra Lindstrom-Hazel

Faculty and Staff Accolades



Dr. Diane Dirette

Dr. Diane Dirette, Occupational Therapy (OT) has been appointed to the editorial board of the *American Journal of Occupational Therapy*, the official peer-reviewed journal of the American Occupational Therapy Association that focuses on research, practice, and health care issues in the field of OT.



Dr. Barbara Barton

Dr. Cindee Quake-Rapp, OT Chair and OT professor **Dr. Jaclyn West-Frasier** have had a paper, "The Use of Mobile Tele-health Technology in Distance Education," accepted for presentation at the American Occupational Therapy Association's 89th annual conference in Houston in April 2009. West-Frasier, a member of the first cohort of students in the doctoral program in interdisciplinary

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The CTAC team, left to right: Amy Mack, Dr. Yvette Hyter, Frank Vidimos, Marianne Giles, Dr. Mark Sloane, Denise Wheatley, Dr. Jim Henry, Connie Black-Pond, Dr. Ben Atchison, Love Kirachofe, Margaret Richardson. Not pictured: Dr. Yvonne Unrau.

traumatized children, with the ultimate goal of impacting decision-making and policy. Service providers will be trained in therapies specifically designed and researched for use with traumatized and maltreated children, including "Real Life Heroes" and "Trauma Focused Cognitive Behavioral Therapy." CTAC grant staff will also train care providers in a curriculum designed to foster their ability to replicate the therapy children receive through CTAC. "The CTAC team is ecstatic to receive this grant for the second time," says Dr. James Henry, center director and WMU associate professor of social work. "Traumatized children will be better served in Michigan through trauma informed systemic change and the building of local capacity to provide evidence-based trauma assessment and treatment."

Student/Alumni Accolades

Members of Western Michigan University's Chapter of the Student Academy of the American Academy of Physician Assistants (SAAAPA) participated in a community service project for the Goodwill Inn Homeless Shelter, a shelter that provides food and care baskets to over 2000 persons per year and is the largest homeless shelter in Northern Michigan. The goal of the project was to collect as many non-perishable food items and personal care products as possible. Physician Assistant programs from across the state were in competition to determine which could donate the most items. On Friday, October 10th, the collected goods were brought to the annual Michigan Academy of Physician Assistants (MAPA) Conference, held in Traverse City Michigan, and delivered to the collection site. WMU's SAAAPA Chapter was declared the winner of the competition by donating over 40 bags of groceries and care products. Congratulations to WMU's Physician Assistant students for a job well done!

As of Oct 1, **Tom Moore**, LMSW, LLP, CCS became Director of Informatics, Quality Management and Research for Proaction Behavioral Health Alliance. The position involves community and state level collaboration regarding behavioral health issues, research opportunities with local universities, new program design and development along evidence-based practice guidelines, and quality assurance for the Proaction

organization. **Barb Howes**, MSW, was awarded a grant of \$21,000 from the State of Michigan Supreme Court Administrator's Office. The award will assist in her dissertation research focusing in the area of therapeutic jurisprudence—the use of the law for healing purposes. Janice Long, PhD, a faculty member at Kennesaw State University, was presented with the Distinguished Service Award in recognition of and appreciation for exemplary performance in professional services. Along with a plague, she was awarded \$5,000.00 provided by the Kennesaw State Foundation. **John McMahon**, CVRT, will have an article published in the Journal of Visual Impairment and Blindness. The article, "Methods of Reading Print Prescription Medication Information by Persons who are Visually Impaired," is the culmination of practicum research conducted for completion of his competency examination and is co-authored by **Amy Curtis**, PhD MPH.



Some members of WMU's Physician Assistant Program with their donations for the Goodwill Inn Homeless Shelter.

IHS student **Jody A. Susi** MSS, CSCS, ACSM-CPT, was promoted to Assistant Professor and Program Director of the Exercise Science Program at Lake Superior State University in Sault Ste. Marie, MI. The promotions committee was extremely enthusiastic regarding the research work completed through the PhD in IHS program.

Karen Alkema, M.A., a member of cohort four of the PhD in IHS program has co-authored an article—A study of the relationship between self-care, compassion satisfaction, compassion fatigue, and burnout among hospice professionals—in the Journal of



Karen Alkema

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Social Work in End-of-Life and Palliative Care 4(2), published 10/27/08. She will be presenting the information at the National Hospice and Palliative Care Organization's 9th Annual Clinical Care Conference in Dallas, Texas at the end of October 2008. The research was completed at Indiana University South Bend. Karen's mentor was alumnus **Jeremy Linton**, who received his Ph.D. in Counselor Education from WMU in 2003.

Upcoming Events

Individuals interested in seeking a master's degree in social work are invited to the WMU School of Social Work's fifth annual Master of Social Work Admissions and Program Information Day on Friday, November 7, 8:30 a.m. - 2:00 p.m. at the College of Health and Human Services, 1240 Oakland Drive, Room 4010. Information about the curriculum and the admissions process will be presented. Faculty will present regarding current research projects and a student panel will be available to answer questions. Lunch will be served. Reservations are required by telephoning 269-387-3201 or e-mailing helen.beck@wmich.edu no later than Wednesday, October 29, 2008.

As part of a series of lectures and workshops for which continuing education credit is available, the School of Social Work will present the workshops described below. For more information or to register, contact Melinda McCormick at melinda.m.mccormick@wmich.edu; phone 269-387-3158; visit http://www.wmich.edu/hhs/sw/graduate/continuing_ed.htm.

- On Friday, November 7, 9 a.m. – 4:15 p.m., **Dr. Kenneth Reid**, LMSW, professor emeritus, WMU School of Social Work will present Strategies of Successful Group Leadership: An Update for Practitioners. This event is appropriate for all social work practice levels. The target audiences are supervisors wishing to encourage and support practitioners leading groups, practitioners who are in the process of planning groups, and seasoned and beginning workers presently leading groups.
- On Friday, November 14, 8:45 a.m. – 12 noon, **Dr. Donna Weinreich**, professor with the WMU School of Social work will present Ethnic Variation in Death and Dying. This event is appropriate for all social work practice levels and appropriate for practitioners unfamiliar with practice settings involving death and dying.

Graduate College

Items of Academic Interest

On Tuesday, November 11, 2008, The Graduate Center for Research and Retention will sponsor a workshop titled "Preparing to Write Your HSIRB Protocol: What Researchers Need to Know." The Human Subjects Institutional Review

Board (HSIRB) is a local review board, established by the WMU Board of Trustees in accord with federal regulations, to interpret and apply federal regulations, state law, and research sponsor requirements for the use of human subjects in research. The HSIRB is charged with the protection of the rights and welfare of human subjects in research conducted under the aegis of Western Michigan University. The three basic ethical principles that guide the HSIRB are derived from the Belmont Report. These are with respect for persons, beneficence, and justice. By submitting a protocol to HSIRB:

- Investigators comply with university policy and federal regulations.
- Investigators promote the protection of the rights and welfare of research participants.
- Faculty set an example for student researchers.
- Students learn about the ethical conduct of human research.

Student/Alumni Accolades

The Graduate College announces the winners of the September 2008 graduate student research and travel grants. *The Graduate Student Research Fund* was established to support graduate students engaged in independent scholarly research, scientific inquiry, inventive technology, and artistic/creative activity. The applicant for a research grant must be the sole or principal investigator in the research project and it is expected that the project will culminate in a peer-reviewed publication. *The Graduate Student Travel Fund* supports graduate student travel to meetings or events sponsored by professional organizations for the purpose of reporting the results of research, exhibiting or performing creative works, or otherwise disseminating results of their scholarly activity. Upcoming Deadlines for 2008–09 graduate student research and travel grants are November 3, 2008 and March 16, 2009.

Research Grants:

Student:

- Mary Adams
- Lori Barnes
- *Michael Buchalski
- Michael Ellinger
- *Fang Huang
- Douglas Johnson
- Teck Maan Lim
- Julie Ryan
- Renée Zaya

Department/Program:

- Biological Sciences
- Psychology
- Biological Sciences
- Electrical and Computer Engineering
- Science Education
- Psychology
- Chemistry
- Biological Sciences
- Biological Sciences

Travel Grants:

Student:

- Hemant Bohra
- Anne Cullen
- Suzanne Decker

Department/Program:

- Paper Engineering, Chemical Engineering, and Imaging
- Interdisciplinary Evaluation
- Psychology

Continued on next page

- *Irene Elksnis Geisler
- Tania Iqbal
- Shannon Mortimore
- John Panos
- Deepak Ravindra
- *Mihaiela Ristei
- History
- Biological Sciences
- English
- Psychology
- Mechanical and Aeronautical Engineering
- Political Science

*also awarded a supplemental international travel grant funded by the Graduate Student Advisory Committee.

GSOC (Graduate Students of Color) hosted a Youth Day on October 3 at the Douglass Community Association. The purpose of this event was to expose area youth to the many ways they can get involved in their community. The event was free and had presenters including Phi Beta Sigma Fraternity and the WMU Chemistry Club. Attractions for local youth included **Dr. Lewis Walker**, Director of the Lewis Walker Institute for the Study of Race and Ethnic Relations at WMU, who performed as a magician, and the FIRE poets and singers. Exhibitors included representatives from Big Brothers-Big Sisters of Greater Kalamazoo, The Girl Scouts of Glowing Embers Council, The Kalamazoo Valley Museum, The Air Zoo, American Red Cross, as well as the YMCA and YWCA and Junior Achievement, all of whom presented volunteer and activity opportunities for young people in Kalamazoo. The Graduate Students of Color is an organization that serves as a support network uniting underrepresented graduate students at Western Michigan University. Their members initiate and participate in university and community events for the advancement of underrepresented students. GSOC also collaborates with other organizations in an effort to set an example, guide, and mentor underrepresented students. More specifically, they reach out to undergraduate and high school students to encourage and facilitate entrance into higher education and graduate studies. GSOC has several events planned; for more information, or to get involved, please contact Cheyla at (817) 637-8682 or wmu.gsoc@hotmail.com.

Upcoming Events

Several opportunities for student researchers in the College of Engineering on "Meeting the Challenges of the Literature Review Search for Graduate Students in the College of Engineering" will be conducted by **Edward Eckel**, WMU Science/Engineering Librarian. The three workshops will take place on the Parkview Campus in Room C228. They will take place on Tuesday, October 28, 7:00-8:30 p.m.; Thursday November 20, 2008, 3:00-4:30 p.m. and Tuesday December 2, 7:00-8:30 p.m. Registration is required, please go to our webpage at www.wmich.edu/grad and click on the 'Register Here' link for workshops.

The Graduate Student Advisory Committee (GSAC) is proud to announce its fall professional development opportunity. On November 19 and 20 GSAC will focus on the process of conducting ground-breaking research and submitting excellent scholastic work for publication. All

graduate students are encouraged to attend the Research & Publication Panel November 19 at The Fetzer Center from 6:30 to 8:30 p.m. This event will highlight the well respected work and experience of selected WMU faculty as well as guest panelist, Shawn O. Utsey, Ph.D., editor of the Journal of Black Psychology and a faculty member at Virginia Commonwealth University.

GSAC will also be sponsoring "A Night at the KIA," open to all graduate students on November 21st. This event will serve as a sophisticated social opportunity that will allow graduate students to network, enjoy hors d'oeuvre, and view thought provoking artwork. For additional information please visit the GSAC web site at www.wmich.edu/gsoc.

The Graduate College, Waldo Library, The Gwen Frostic School of Art, the History Department, along with Friends of the Library, are co-sponsoring a visit from Sylvia Van Peteghem, Chief Librarian at the University of Ghent, Belgium. Her topic is "The Tower of Books at the University of Ghent: Adapting Modernist Architecture for the 21st Century." As leader of this famed institution, which is housed in a building designed by modernist architect Henry van de Velde and constructed in the 1930's, she is charged with restoring and renovating the entire library to its original splendor with a \$100 million grant from the Flemish Community of Belgium. She also oversaw the digitization of the entire collection of the University of Ghent by Google, the first such arrangement in Europe. Her lecture will take place Monday, November 3 at 4:00 p.m. in the Mary Meader Room at Waldo Library. A reception follows.

College of Aviation

Faculty and Staff Accolades

Geoff Whitehurst earned his Bachelor of Science degree in Mathematics at London University, England, his Master of Arts in Evaluation, Measurement and Research (EMR) at WMU and is currently pursuing his Ph.D. in EMR. Geoff spent 23 years as a Navigator in the Royal Air Force before retiring to teach ab-initio pilots. He has taught fixed wing pilots in the United States, including 5 years as Chief Ground Instructor at WMU's International Pilot Training Center, and the Middle East (Qatar), and recently taught rotary pilots at Bristow Academy in Florida. Geoff returns to WMU to join the



Geoff Whitehurst, Assistant Professor, Photo courtesy of Karen Dean

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Gail Rouscher, Faculty Specialist I, Photo courtesy of Karen Dean

faculty and teach such courses as Introduction to Aviation, Aircraft Safety, Global Navigation and Aviation Meteorology.

Gail Rouscher earned a Bachelor of Arts Degree in Management and Organizational Development from Spring Arbor University, and is pursuing a Master's in Organizational Management with Spring Arbor University.

Rouscher is a U. S. Naval Veteran and holds an A & P

license. Rouscher has 15 years of aviation maintenance training and experience encompassing military, cargo, and corporate aircraft. Professional affiliations have included PAMA and Women in Aviation. She has presented to the WIA members at their annual conference within the maintenance forum.

Student/Alumni Accolades

Lori Brown and the College of Aviation have been awarded a FRACASF grant to research "Pilot/Flight Attendant communications and Security Training in a post 9/11 environment." The events of September 11th, 2001, have magnified the importance of the flight attendants in protecting the safety of the passengers and crew, as well as, providing sometimes critical information to the pilots.

The threat to aviation safety has changed, and so must our response. The events of September 11 changed forever our concepts of appropriate aviation safety. The use of a hijacked aircraft as a weapon requires a new strategy to ensure that the crew always retains control of the aircraft. The research will aim to find gaps or inadequacies in current flight attendant/pilot communications. This grant specifically deals with the shortfalls of communication between pilots and flight attendants, as well as the lack of adequate security and defense training for flight attendants. Brown is assisted by research associate, **Beth Seiler** and student researcher, **John Neihaus**.

The Crew Safety and Security Research Team, lead by Brown, Risukhin and Seiler, is currently working on researching and

providing industry feedback regarding these issues. This team is composed of faculty, industry leaders, students, pilots, air marshals, and flight attendants. In addition to this research the CSSRT is involved in exploring Homeland security Research for wireless communications on board US Airlines. As a result, Spirit Airlines has donated an Md-80 Cabin Trainer to the College of Aviation, and STG Aerospace of the UK has agreed to give us a Crew Alert Monitoring System (CAMS) to be installed in the trainer for wireless communications research.

The dedication and courage of alumna **Lauren Stroschin**

is featured in the following article. Stroschin, a chief pilot in Abeche, has also flown Angelina Jolie, Mia Farrow, lots of politicians, doctors without borders, and now as the rebels approach, her missions are rescues. The following excerpt is from an article published



Lori Brown, Faculty Specialist (left) Steve Jones, Associate Dean (right), Photo courtesy of the College of Aviation

in *Flying*: Lauren Stroschin is flying for Air Serv International, a secular, nonprofit organization that was founded in 1984

to provide planes and crews for international relief organizations—especially those that needed flexible and immediate air support for disaster or conflict zones in remote areas of the world. The pilots who fly for Air Serv in Chad are based in the eastern town of Abeche—a place so remote that there's still a fortified outpost of the French Foreign Legion there. Lauren came to Chad direct from nine years of flying Dash 8s and Twin Otters in Alaska. Which means she's no stranger to physical discomfort. But Alaska still doesn't prepare you for an armed and lawless place like Chad. When Lauren was asked about coping with all the deprivations of life in Abeche, she stated: "But it's great!" she protests. "I love this place. It's like going back in time, before there were



Lauren Stroschin checks passengers for weapons before allowing them to board.

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cars or any other part of modern life, where people use donkeys to get around or carrying things!" Lauren stated: "I wanted to be a better citizen of the world; get out of the U.S. and see what was happening in these places for myself instead of relying on Wolf Blitzer to tell me. And I wanted to give something back." In Chad, the cause is the refugee camps, where over 200,000 people now huddle together in makeshift housing, having fled from levels of violence beyond imagination. Lauren and the other pilots flying in eastern Chad are providing a lifeline to food and safety. For further text, go to www.flyingmag.com for the full story written by Lane Wallace.

Steven Tkachuk recently renewed his Master CFI accreditation. Tkachuk is a Western Michigan University lead flight instructor and serves as a coach for the university's flight team as well as a FAASTeam representative for the FAA's Grand Rapids FSDO area. Recently, Steve's accreditation as a Master CFI (Certificated Flight Instructor) was renewed by NAFI, his professional aviation education association. He first earned this professional accreditation 2003. To help put this achievement in its proper perspective, there are approximately 91,000 CFIs in the United States. Fewer than 600 of them have achieved that distinction thus far. The last 13 national Flight Instructors of the Year were Master CFIs while Steve is one of only 24 Michigan aviation educators to earn this prestigious "Master" title. The Master Instructor designation is the only industry professional accreditation recognized by the FAA. It is earned by candidates through a rigorous



Steven Tkachuk

process of continuing professional activity and peer review. Much like a flight instructor's certificate, it must be renewed every two years. This process parallels the continuing education regimen used by other professionals to enhance their knowledge base while increasing their professionalism. Simply put, the Master Instructor designation is a means by which to identify those outstanding aviation educators, those "Teachers of Flight," who have demonstrated an ongoing commitment to excellence, professional growth, and service to the aviation community.

Earning this designation is tantamount to having the words *summa cum laude* emblazoned on an instructor's certificate. These Masters truly represent the *crème de la crème* of our industry! To publicly recognize these individuals and their noteworthy accomplishments, NAFI will be hosting its "Meet the Masters" breakfasts, to which Steve will be invited, during EAA's AirVenture in Oshkosh and Sun 'n Fun in Lakeland.

College of Education

Items of Academic Interest

The counseling psychology program has received two awards and been recognized nationally:

- The doctoral program has been selected as this year's recipient of the American Psychological Association Richard M. Suinn Minority Achievement Award. This award is presented in recognition of demonstrated excellence in the recruitment, retention and graduation of ethnic minority students. The Suinn Award was presented at the 2008 Annual APA Convention in Boston, Massachusetts on August 14. Dr. **Joseph Morris**, former chair and former counseling psychology doctoral program training director received the award at the APA Convention on



Pictured with the award at the APA convention are counseling psychology doctoral students and faculty. First row, left to right: Raymond Sheets, Kenlana Burton, Hartini Abdul Rahman, Nancy Hammoudah; second row, left to right: Bonnie VanderWal, Dr. Lonnie Duncan, Dr. Joseph Morris, Dr. Mary Anderson, Dr. Eric Sauer, Dr. Pat Munley.

- The counseling psychology program has also been recognized by the Committee of the American Psychological Association of Graduate Students with the 2008 APAGS Department of the Year Award. This APAGS honor is given annually to a graduate department that has exemplified outstanding commitment toward graduate students and graduate student life, recognizing superior assistance and attention to student needs, as well as excellent faculty student relations. The APAGS award is accompanied by a \$1,500 stipend to be used at the department's discretion to further benefit students. Dr. **Mary Z. Anderson** is the coordinator of the master's degree program in counseling psychology and Dr. **Lonnie Duncan** and Dr. **Eric Sauer** serve as co-training directors of the counseling psychology doctoral program.

The Health Education Teacher Preparation Program in the Department of Health, Physical Education, and Recreation was recently reaccredited in August and fully recognized by the American Association for Health Education and the National Council for Accreditation of Teacher Education. The "School Health Education" program is one of only 34 health education programs nationally recognized by AAHE and is the only health education program approved by AAHE/NCATE in Michigan. It also is the only HETP program in Michigan that prepares majors for K-12 certification and minors for 7-12 certification.

Faculty and Staff Accolades

Dr. Jiabei Zhang, professor in the Department of Health, Physical Education, and Recreation, received a Research Award in the 2008 Annual Summer Conference of National Consortium for Physical Education and Recreation for Individuals with Disabilities. The award was presented in recognition of his distinguished record of publications in refereed journals of national and international significance. His publications have systematically directed toward specific questions that helped advance knowledge in physical education and recreation for individuals with disabilities. Zhang, Treasurer of the National Consortium for Physical Education and Recreation for Individuals with Disabilities, also received an external grant of \$10,000 from Aetna Foundation. This grant is funded in support of Special Physical Education and Recreation Activities for individuals with disabilities from Kalamazoo Community. Deborah Lantzy-Talpos, Head of Michigan Markets for Aetna, presented the check on October 8, 2008.



Dr. Jiabei Zhang



Dr. Gary Bischof

Dr. Gary Bischof, associate professor in the Department of Counselor Education and Counseling Psychology, was elected to the American Association of Marriage and Family Therapy Elections Council in an election by the AAMFT membership in the United States and Canada. Dr. Bischof will serve a three-year term beginning in 2009.

Dr. Gary Miron, professor in the Department of Educational Leadership, Research, and Technology, published "The shifting notion of 'publicness' in public education" in the recent Handbook of Education Politics and Policy (New York: Routledge.)

Dr. Allison Downey, assistant professor in the Department

of Teaching, Learning and Educational Studies, wrote a song, "Please Help" on her new CD "Across the Sea" which was featured on XM Satellite Radio Show "The Village" broadcast internationally on May 20 and May 24. The show, hosted by Songwriter Christine Lavin, featured the Top 40 songs for social justice of the 2008 Music to Life songwriting contest. Allison's song, co-written with her producer Michael Crittenden, was selected by notable songwriters, including Peter Yarrow from Peter, Paul & Mary.



Dr. Gary Miron

Student Accolades

Students from HPER 2350 Theory of Coaching and HPER 3710 Recreation Programming and Leadership II were instrumental in planning and implementing the 10th Annual Medallion Golf Tournament at Grand Prairie Golf Course Oct. 12. Twenty-three Special Olympic Athletes and their partners teamed up for 9 holes of golf as a capstone to the 6 week Special Olympics Unified Golf Season. Unified golf creates 2 person teams of individuals with and without intellectual disabilities using an alternating shot format. Anyone wishing to volunteer as a coach or partner in other Special Olympic events should call (269) 387-3718.



10th Annual Medallion Golf Tournament

Haenicke Institute for Global Education

Items of Academic Interest

A campus-wide "laboratory" to advance comprehensive internationalization of the University's undergraduate curriculum has been launched by the International Education Council of the Faculty Senate and the Haenicke Institute for Global Education. Western is one of seven universities and colleges that have committed to participating in the American Council on Education's Internationalization Laboratory, a two-year program of assessment and planning aimed at strengthening the international education components of undergraduate curriculum. Over the 2008-2009 and 2009-2010 academic years, WMU faculty will engage in an array of activities guided by the ACE Laboratory format to develop,

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assess and implement strategies. Dr. Barbara Hill, a senior associate of ACE's Internationalization Initiatives, visited campus October 22 and 23 to host informational meetings for members of the IEC, its working groups, college-based international committees and the University's administrators, deans and chairs. "Through the internationalization laboratory, our faculty will play an important role in reexamining our community and what we teach to ensure our graduates carry with them the needed perspectives and understandings to function in the contemporary world which we so readily label as "globalized," said Haenicke Institute Dean Dr. **Donald G. McCloud**. Both McCloud and Dr. **Stephen B. Malcolm**, chair of the faculty senate's International Education Council, will lead the campus activities that will be developed during membership of the current laboratory cohort. Malcolm considers that our membership "is in perfect alignment with the mission of Western Michigan University and is a wholly constructive and persuasive means of more strongly integrating international and intercultural dimensions into the teaching, research, and service activities of our institution." The interface between students and faculty is key to the success and dynamism of WMU and enhanced "internationalization" facilitates our intent to make this interface within our university community truly "universal" and "collegial." For more information, contact **Brett Berquist**, executive director of international programs, Haenicke Institute, at (269) 387-5890, brett.berquist@wmich.edu. Periodic updates on WMU's Internationalization Laboratory will be accessible online at: <http://international.wmich.edu/content/view/1385/165>.

The Dean's Scholarship for Summer Study Abroad awarded by the Haenicke Institute for Global Education offers need-based scholarships worth up to \$1,500 for 19 short-term study abroad programs taught by WMU faculty in late spring or summer I & II semesters. Students can travel with a WMU professor to study geology in Egypt, Chinese language and culture, health care systems in South Africa, business in Thailand, creative writing in Prague or take a Grand Tour of Europe, to name just a few of the options. Some programs offer classes in a broad range of disciplines and a few offer additional scholarship opportunities. Programs run from 2 to 8 weeks, offer varying levels of undergraduate and/or graduate academic credit, and are eligible for financial aid funding. The deadline to apply for most 2009 short-term WMU study abroad programs is February 15 (comprehensive program profiles and an online application are available on the Institute's Study Abroad Web site: www.wmich.edu/studyabroad).

Minimum Qualifications:

1. Demonstrated financial need as determined by the Free Application for Federal Student Aid (FAFSA). Financial need will be based on the expected family contribution (EFC) for fall and spring semesters. The cost estimate from the on-line program profile (www.wmich.edu/studyabroad) is the official financial aid budget. Applicants who have not filed a FAFSA with the WMU Financial Aid Office will not be eligible.
2. Admission to an eligible study abroad program prior to the scholarship application deadline. Please apply

for the scholarship at the same time you apply to the study abroad program.

3. Enrollment in a WMU degree-granting program.
4. U.S. citizenship or permanent residency.

Western Michigan University's International Education Council of the Faculty Senate and the Haenicke Institute for Global Education have established a new international development opportunity for university employees in Mexico for summer II 2009. Ten grants of \$1,500 towards expenses are available to qualified employees. In collaboration with the WMU Spanish department, the institute has developed a two-week program in Querétaro, Mexico July 5-18, 2009. Participants will study Spanish language and Mexican culture with two field trips. Eligible applicants must complete Spanish 1010 or test out of the equivalent level by the end of Summer I 2009. Evening and lunch-hour sections are available for Spanish 1000 and 1010. The deadline to apply is Nov. 24 and the application is accessible from the "Faculty and Staff" menu link on the study abroad Web site: www.wmich.edu/studyabroad. The IEC has reviewed ideas to support faculty development as a key component to further internationalize the learning experience at WMU. The working group on this topic recommended the development of training opportunities for WMU faculty and staff. "We can only prepare our students to be global citizens of the 21st century by assisting individual faculty and staff in their work towards this same objective," says Dr. **Donald M. McCloud**, dean of the institute. Querétaro, capital of the state of the same name, is a medium-sized city located 135 miles north of Mexico City. Its altitude of 6000 feet above sea level is the main factor for moderate daytime temperatures (65-85 degrees F) and cool nights. Founded in 1531, the city possesses magnificent baroque churches, beautiful public buildings, harmonious and spacious plazas and parks, excellent museums and theaters. Querétaro is the site of numerous colleges and universities, the largest of which is the Universidad Autónoma de Querétaro, WMU's partner for many years. For more information, contact **Brett Berquist** at (269) 387-5890, brett.berquist@wmich.edu, or visit the institute's Web site: <http://international.wmich.edu>.

College of Engineering and Applied sciences

Items of Academic Interest

More than 80 employers offered jobs, co-ops, and internships at the 2008 Engineering and Applied Sciences [EAS] Career Fair, held Sept. 25, at the Parkview Campus.

Heather Highhouse, assistant director for Career and Student Employment Services (CSES) and career advisor for the CEAS, coordinated the event themed "Aspire to a Career," which focused on the CEAS spire that serves as a beacon in

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front of the Parkview Campus. Representatives from many sectors of the economy offer opportunities to students, alum, and others. "We had an excellent balance of employers at this year's fair," Highhouse said. Eaton Corp. is this year's EAS Career Fair Premiere Partner. Highhouse said that Eaton is a member of CAVIDS and supports projects including the Sunseeker. Eaton is a diversified power management company and global technology leader in electrical systems, hydraulics, aerospace technology for commercial and military use, and truck and automotive drivetrain and powertrain systems. With 81,000 employees, Eaton sells to customers in 150 countries, and had \$13 billion in sales in 2007. To prepare students for the fair, Eaton sponsored "Engineer Your Career," a four-hour workshop that attracted over 120 students the week before the fair. It included a resume workshop, a fashion show with professional attire from Macy's, and a panel of professionals from Eaton, Amway, Whirlpool Corp., Consumers Energy, and the Department of Labor and Economic Growth that provided tips for success and perspectives on networking, interviewing, etiquette, and the economic outlook. "This was one of the best resources to help students prepare for the fair," Highhouse said. Three student assistants were acknowledged for their support: **Nicole Maggio**, graduate assistant, **Joe Mydosh**, peer educator, and **Matt Smith**, co-op assistant. For more info, call (269) 387-2745 or go to <http://www.wmich.edu/career>.



Representatives of Eaton Corp., the sponsor of the 2008 EAS Career Fair, kept busy discussing job opportunities at with students.

CEAS students devoured hotdogs and networked with corporate representatives at the 3rd Annual Co-op Cookout, a three-hour opportunity for students to explore displays of co-op and internship opportunities and **Fred Sitkins**, CEAS director of co-operative education, coordinated the event, which was held during fall semester for the first time. "For two years, we held this in the spring, but we are holding it in the fall this year to encourage students to get involved earlier in the school year," he said. The picnic-style eating fest offered students information on the CEAS co-op and internship programs. In addition representatives from Amway networked with students. Amway, headquartered in Ada, MI, is, according to its Web site at <http://www.amway.com/>, "a global leader in multilevel marketing" with over four decades of experience and more than 450 exclusive products and services. Sitkins has arranged for several companies to visit the Parkview Campus this semester. Company representatives from a company come to the Parkview Campus for a day to explain the company and to network with students about



Amway representative David Byrne, a CEAS alum, discusses engineering opportunities at the 3rd Annual Co-op Cookout.

jobs, internships, and co-operative opportunities. "Representatives from a company wishing to participate in our 'Information Session' concept may have exclusive use of our main lobby to promote the company and to explain it to interested students the majors that are hired for co-op, internship or full-time positions. The company also presents a technology transfer session illustrating its new and innovative technologies." The concept of the "Information Session" is coordinated by both the CEAS co-op and career development offices. "We're

continuing our goal to enhance networking between business and industry and our engineering and technology students," Sitkins said. Employers interested in learning more about the information session program or to schedule a session, contact Sitkins at fred.sitkins@wmich.edu or Heather Highhouse, CEAS career advisor, at heather.highhouse@wmich.edu.

WMU is completing its first year as a registered education provider (REP) for the Project Management Institute (PMI), "the world's leading not-for-profit association for the project management profession," according to its Web site [<http://www.pmi.org>]. Three Department of Industrial and Manufacturing Engineering (IME) faculty – Dr. **Larry Mallak**, Dr. **Betsy Aller**, and Dr. **David Lyth** – are involved in the delivery of courses and/or training offering professional development units (PDUs). Mallak said that as a REP, WMU can offer PDUs for those who wish to sit for the Project Management Professional (PMP) exam. IME 6140 Project Management provides an effective means for local employers to send their employees for project management training. "Project management is an essential skill set in industry today," Mallak said. Also, WMU's program offers more than the typical training. "They get the academic foundation for project management and preparation for the PMP exam," Mallak said. "The Project Management Body of Knowledge (PMBOK), a required course text, is the basis for the PMP exam material." By taking IME 6140 and paying an administrative fee, those students interested in earning PMI certification can garner the necessary 35 PDUs needed to take the PMP exam. "We are the only university in Michigan that's licensed to deliver the training and offer those PDUs," Mallak said. WMU's REP status was awarded last January for the calendar year, and plans call for the license to be renewed on an annual basis. As

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Dr. Betsy Aller (holding a PMI certificate), who teaches IME 6140 and the fall semester IME 6140 class; most of the students are working toward the 35 PDUs needed to take the PMP exam.

a REP, WMU is also licensed to award PDUs in short training courses, which must be approved by PMI. To retain PMP certification, individuals must participate in professional development activities, some offered by WMU. According to Dr. Paul Engelmann, the IME Chair, the advantage to having certification is that training is available locally. For more information about PMI, email larry.mallak@wmich.edu or betsy.aller@wmich.edu.

Faculty and Staff Accolades

Dr. Osama Abudayyeh, CEAS associate dean, is principal investigator of the Michigan Department of Transportation (MDOT) project "Health Monitoring and Evaluation of the Rapid Bridge Replacement Technique at Parkview Bridge in Kalamazoo, MI," which funded the placement of sensors – vibrating wire gauges embedded in the concrete deck of the new bridge over US 131 – that measure stresses and temperature and monitor the bridge's health. "This is the first time this kind of monitoring has been used in Michigan," he said. The final implementation stage, which involves monitoring and collecting data from the sensors, begins this year and serves both research and diagnostic functions. "It's research for us, and it's a monitoring tool for MDOT," Abudayyeh said. The sensor system is an inspection tool that can become an early-warning system for MDOT to learn about bridge performance before the problems become visible. Finding problems early could mean less costly bridge repairs. Data collected could also affect considerations for future bridge replacements and upgrades. Key members of the bridge-sensor project include faculty



Posing with a laboratory setup of the monitoring system that will be used in collecting Parkview Bridge data are some key members of the research team (from left) Brock Mellema, Dr. Hubo Cai, Dr. Osama Abudayyeh, Mike Peake, and Joe Barbera.

and graduate and undergraduate students from Departments of Civil and Construction Engineering (CCE) and Electrical and Computer Engineering (ECE): Dr. Hubo Cai, CCE assistant professor (Co-PI); CCE students Joe Barbera (MS), Brock Mellema (MS), and Mike Peake (BS); Dr. Ikhlas Abdel-Qader, ECE associate professor (Co-PI); and ECE student Eyad Almaita (ECE Ph.D.). Others initially involved include Dr. Sherif Yehia, CCE associate professor (Co-PI) who is on leave of absence this year, and CEAS alumni Vijay Meganathan (ECE), Ammar Zalt (CCE), Mike Maurovich (CCE) Ashwin Vijayakumar (ECE), and Pramod Govind Lalji (ECE). Current plans call for one year of monitoring, but the team recently requested an additional three years of study. More information available at abudayyeh@wmich.edu

Dr. Claudia Fajardo, assistant professor in the Department of Mechanical and Aeronautical Engineering, won the Silver Combustion Medal at the 32nd International Symposium on Combustion, held August 3-8, at McGill University in Montreal, Canada. The silver medal was awarded to Fajardo by the Combustion Institute to honor a paper she presented at the 31st International Symposium on Combustion, held in Heidelberg, Germany in 2006. The International Symposium on Combustion is held biannually. The conference location rotates among North America, Europe and Asia. More than 300 papers distributed over 12 colloquia were presented at the 31st symposium, at which Fajardo presented



Dr. Claudia Fajardo, MAE assistant professor, won the Silver Combustion Medal.

her winning paper, "Flow Field Assessment in a Fired, Spray-Guided, Spark-Ignition Engine Based on UV Particle Image Velocimetry with Sub Crank Angle Resolution." She explained that the paper focused on the development of an experimental technique that allows researchers to measure the flow velocity inside an internal combustion engine at high sampling rates. "I was working on a type of engine technology that can provide efficiency gains, but it was important to be able to measure the flow to diagnose a problem with this type of engine," she said. In presenting her with the award last August, the judges described her paper as "technically sound and

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very well presented." At the 32nd symposium, she was also invited to chair the diesel combustion session. "I feel extremely honored and happy about this accomplishment," she said. The Combustion Institute is an educational non-profit, international, scientific society whose purpose is to promote and disseminate research in combustion science, according to its Web site. With 29 sections throughout the world, its main activity is the symposium. More information is available at <http://www.combustioninstitute.org>.

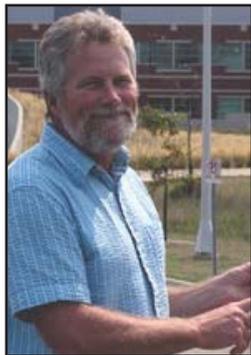
Abraham Poot, the engineering lab coordinator responsible for electronics support for the Departments of Industrial and Manufacturing Engineering and of Mechanical and Aeronautical Engineering, has won a WMU Distinguished Service Award. He will receive an awards plaque and a \$2,000



Abraham Poot, CEAS lab supervisor, has won a distinguished Service Award.

honorarium for becoming one of only 44 other faculty and staff who have earned the award. He will be honored at the Academic Convocation ceremonies set for Thurs., Oct. 30, at 3:30 p.m. in the Dalton Center Recital Hall. Poot was especially acknowledged for his work as adviser to the WMU Sunseeker Solar Car project, a position he has held since 2001. In both 2003 and 2005 North American Solar Challenge (NASC) competitions, Sunseeker placed and won a Best Design Award. Last summer the 14-member WMU

Sunseeker team won the Sportsmanship Award at 2008 NASC, an intercollegiate 2,400-mile race from Texas to Calgary, Canada. Poot came to WMU in 1995. His position involves computer and equipment design, assembly, and maintenance; networking; PLC programming; data acquisition system design and programming; and electronics resource for faculty and student project groups. He supports research projects in tribology, thermal systems, aerodynamics, biomechanics, foundry, and automotive laboratories. He has also served on both departmental and college safety committees and on CEAS computer committee and IT policy committees.



For his work with environmentally friendly energy in manufacturing, Dr. John Patten was honored in the latest issue of MiBiz.

Dr. **John Patten**, manufacturing engineering department chair and director of the Manufacturing Research Center, was celebrated for heading up WMU's Green Manufacturing Initiative (GMI) in a feature article that appeared in the Oct. 13, 2008, issue of MiBiz, a journal that serves West Michigan business. Dubbed as "WMU's Dr. Green" in the article's title, Patten was acknowledged for tackling "incredible" projects. According to the article, GMI helps companies

achieve the environmental and energy components of green manufacturing in products, processes, and buildings. GMI supports businesses with green suggestions that often lead to energy savings. GMI is part of the Consortium for Advanced Manufacturing of Alternative and Renewable Energy Technologies (CAMARET), which includes four other Michigan universities. Patten came to WMU in 2003 and his department offers a Bachelor of Science: Manufacturing degree at WMU's off-campus programs in Muskegon, Lansing, Benton Harbor, and Battle Creek. In the summer of 2007, he erected the 45-foot wind turbine located on the WMU Parkview campus along US 131, which is now providing green electricity to WMU. He came to WMU from University of North Carolina at Charlotte, where he created the Manufacturing Engineering Technology program and established and co-directed the Carolinas' Consortium for Alternatively Fueled Electric Vehicles, which developed electric vehicle programs.

The College of Engineering and Applied Sciences (CEAS) acknowledged several promotions, new hires, a visiting professor, and retirements:

Promotions to Professor:

- **Dr. Margaret Joyce**, Dept. of Paper Engineering, Chemical Engineering, and Imaging (PCI) professor
- **Dr. Dewei Qi**, PCI professor

Promotions to Associate Professor with tenure:

- Dr. **Jun-Seok Oh**, Dept. of Civil and Construction Engineering (CCE) associate professor
- Dr. **Wuwei Shen**, Dept. of Computer Science (CS) associate professor

Tenure recipient:

- Dr. **Tianshu Liu**, Dept. of Mechanical and Aeronautical Engineering associate professor

Other promotions:

- **Annette Cummins**, PCI office coordinator
- **Johanna Wells**, CEAS Dean's office coordinator

New members of the CEAS team:

- Dr. **Peter Gustafson**, MAE assistant professor
- Dr. **Sarah Shao**, CCE assistant professor
- **Heather Highhouse**, CEAS adviser
- **Rebecca Schmidt**, CEAS adviser
- **Karen Lawrence**, PCI office assistant



Dr. Margaret Joyce was promoted to professor.



Dr. Dewei Qi was promoted to professor.

Continued on next page

Visiting professors:

- Dr. **Ghassan Halasa**, is visiting the ECE department from Jordan for one year.

CEAS retirements this past year:

- Dr. **Joseph A. Keleman**, Dept. of Electrical and Computer Engineering (ECE) associate professor, 41.5 years, effective Jan. 1, 2008
- Dr. **S. Hossein Mousavinezhad**, ECE professor, 26 years
- Dr. **Thomas F. Piatokowski**, CS professor, 18.5 years effective April 30, 2008
- **Richard A. Reames**, director of the Paper Pilot Plant, 18.5 years
- **Barbara A. Vilenski**, PCI administrative assistant, 30 years, effective June 30, 2008



(Left to right) Dr. Frank Severance, Sister John-Mary Vianney, Michael Ellinger, and Dr. Damon Miller pose with a poster Ellinger prepared as part of his presentation at the 13th Annual Conference of the Michigan Space Grant Consortium in October.

Campus. Project advisers are Dr. **Brad Bazuin**, Dr. **John Gesink**, Dr. **Damon Miller**, and Dr. **Frank Severance**, ECE professors, and Dr. **John Jellies** and Dr. **John Spitsbergen**, BIOS professors. Ellinger's research was supported in part by a MSGC grant and a WMU FRACASF grant. Ellinger plans to complete his master's thesis on the cell culture research by Summer 2009. A poster on a cell-culture companion project – "Low Noise Instrumentation for Amplification of Electrode Voltages in Neuron Cell Cultures" by **John Stahl** and **Eric Jones**, master's and bachelor's students in electrical engineering respectively, was also displayed

at the conference.

Upcoming Events

The 43rd Conference on Senior Engineering Design Projects (SEDP) – set for Tues., Dec. 2 – features 36 projects presented by 99 seniors from five CEAS departments. The 25-minute presentations are scheduled to begin between 9 a.m. and 1:30 p.m. at the Parkview Campus. The event is free and open to the public; parking is available. All sessions begin exactly on the hour and half hour. No projects are presented during the lunch break from 12 to 1 p.m. The Department of Mechanical and Aeronautical Engineering (MAE) is offering two concurrent sessions for 14 projects completed by 35 students: 8 presentations from 9 to 2 in D-109 and 6 from 9

Student/Alumni Accolades

Michael Ellinger, a master's student in electrical engineering, presented "Computing with Neuron Cell Cultures," based on his research in biological computation, at the 13th Annual Conference of the Michigan Space Grant Consortium (MSGC), held in October at the University of Michigan in Ann Arbor. He described his research project, which includes the acquisition and analysis of electrical signals from cell cultures using microelectrode arrays (MEAs).

According to Ellinger, MEAs are special tissue culture dishes embedded with electrodes that enable measurement and stimulation of cell culture electrical activity. Low-noise multi-channel electronic instrumentation is being developed, and specialized software is required to analyze and model system behavior. Ellinger said this project was his first involving living cell cultures. In order to eventually examine the results of stimulating the cells, he first had to understand cell culture protocols and learn to work with cells in a sterile environment. To learn about the cells, he credited the assistance he received from **Sister John-Mary Vianney**, a graduate student from WMU's Department of Biological Services (BIOS), which is collaborating with the Department of Electrical and Computer Engineering (ECE). Work on the project takes place at the Neurobiology Engineering Laboratory located at the Parkview



In a senior design project that seeks to improve quality in foundry processes involving green sand, MFT senior Ron Davis (seated) monitors the vibration results of cone-jolt testing done on a two-inch specimen of sand being tested by Dr. Sam Ramrattan, project advisor, and MFT senior Mike Horvath. The third member of the project is UEM senior Alex Hiday. The project will be presented at the 43rd Conference on SEDP at 9:30 a.m. in Parkview Room D-201.

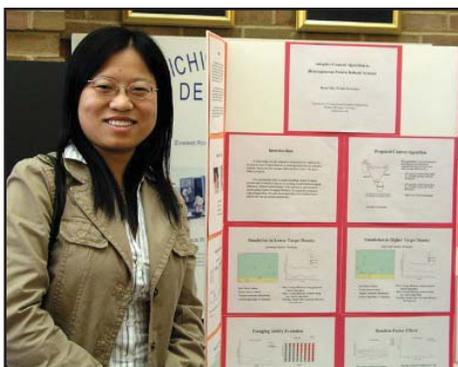
to noon in D-206. The Department of Industrial and Manufacturing Engineering (IME) has scheduled 8 projects by 24 students from 9 to 2 in D-201. The Department of Electrical and Computer Engineering (ECE) is presenting 7 projects by 22 students from 9 to 1:30 in D-208. From the Department of Civil and Construction Engineering (CCE), 11 students are offering 3 presentations between 9:30 and 11 in D-115. Four presentations by 9 students in the Department of Computer Science (CS) are scheduled at 9 and 11 in D-204/5. Sponsors for this semester's projects include the following: AC Foundry, Decco Software, Diagnostic Systems, Associates, Eaton Corporation, eInternet Design, Fantom Racing, FEMA Corporation, Frank's Shoe Parlor, Kelen Sales Consulting, LLC, Parker Hannifin Corporation, Stryker

Continued on next page

Medical, and Whirlpool Corporation. About 30 faculty and administrators are serving as advisers for one or more projects. Professors chairing the various sessions are Dr. **Hobo Cai** (CCE), Dr. **John Kapenga** (CS), Dr. **John Gesink** (ECE), Dr. **Betsy Aller** (IME), Drs. **Rameshwar Sharma** and **Pnina Ari-Gur** (MAE), and Drs. **Claudia Fajardo** and **Christopher Cho** (MAE). For more information about the conference, call **Tamara Bergman** at (269) 276-3248.

Assessment of student learning

Hanyi Dai, a Ph.D. student in electrical engineering who earned her master's at WMU, presented a poster display at the 13th Annual Conference of the Michigan Space Grant Consortium (MSGC), held in October the University of Michigan in Ann Arbor. "Adaptive Control Algorithm in Heterogeneous Swarm Robotic Systems" showcases her work in a large group of robots, how to coordinate a large group of simple robots, and how to control them to work effectively and efficiently to complete a task. The idea for this project comes from biological swarming of black ants and bees," she said. "They always work together efficiently without obvious controls." Dai, who is a Chinese citizen, does not qualify for MSGC grants, but she said she wanted to share her research. "This is very exciting," she said. After earning her Ph.D., Dai would like to continue her research in a future career as a university professor. Dai's Ph.D. adviser is Dr. **Frank Severance**, a professor in the Department of Electrical and Computer Engineering.



Hanyi Dai with her poster.

To prepare for future careers, students majoring in programs offered by the Department of Paper Engineering, Chemical Engineering, and Imaging (PCI) participated in several fall activities that enhanced their connection to the world of work. According to **Nichole Perk**, PCI's paper program specialist, more than 30 students attended this year's annual "Paper Engineering Career Opportunities" panel discussion with the Paper Technology Foundation (PTF) board members. The students networked with members of the Technical Association of Pulp and Paper Industries (TAPPI). The PTF panelists were Pat Gibney, new technologies' director of Verso Papers Corp.; Gerard Marshall, managing director of Management Recruiters; Larry Montegue, TAPPI president; and Vince Newberry, manager of emerging technologies at Appleton Ideas. The panelists were visiting WMU to take part in PTF's Annual Meeting and Student Scholarship Luncheon. More than 65 students joined the board for lunch and networking opportunities. Another PCI event was a field



In October, 41 paper and chemical engineering students attended a two-day field trip to Verso Papers, in Quinnesec, MI.

trip on October 10 when Perk and Dr. **David Peterson**, PCI associate professor, accompanied 41 WMU paper and chemical engineering students on a 10-hour chartered bus trip to tour

Verso Paper Corp. in Quinnesec, MI. Verso hosts were Santo Atkinson, human resources director; Siri Henson, training and recruiting manager; Mark Pontti, communications director; and Mike Sussman, mill manager-Quinnesec. The group toured the state-of-the-art pulp and paper-making facility inside, and were allowed access to all other aspects of a full-production mill: railway and lumber yard operations and water treatment facilities. Students also networked with Verso personnel. "Our students left with unique insights into today's technological paper-making operations," Perk said. She acknowledged WMU's appreciation for the event to the Quinnesec team, and to Gibney (PTF recruitment and scholarship chair) for sponsoring the trip. "It enabled students to visualize themselves as professionals in various roles of paper-making," Perk said.

Haworth College of Business

Items of Academic Interest

Beginning fall 2009, HCOB will offer incoming freshman the option of living in Eicher-LeFevre on a floor dedicated to students who have chosen to enroll in pre-business programs. The business community residence will emphasize peer support and foster a positive environment for academic and social success among those with similar career interests. The college joins other programs such as Aviation, Engineering and Health and Human Services in providing such an option.

Student/Alumni Accolades

Integrated Supply Management students **Andrea Blankers**, a junior from Portage, Mich., and **Richard Wentworth**, a senior from Farmington, Mich., competed against seven MBA teams and one faculty team in a competitive business simulation game using SAP's Enterprise Resource Planning software as the interface to design,

Continued on next page

produce and manufacture different brands of cereal. The game creates a virtual marketplace where customers buy cereal from the team that has the combination of ingredients and price that best matches the virtual customer's preferences. The team that generates the most profit during the game is the winner. "I'm extremely proud of the WMU team," said Dr. **Bret Wagner**, director of WMU's Integrated Supply Management program in the Haworth College of Business. "Richard and Andrea really mastered the complexities of the game and were very close to a first-place finish. They were not intimidated by competing against MBA students from some very prestigious schools. They were confident of their abilities and their strategy during the game, and the results support their confidence."



Andrea Blankers and Richard Wentworth.

Faculty and Staff Accolades

- **Valorie Juergens** has joined HCOB as a communications coordinator. Juergens previously worked at The University of Toledo as a recruitment coordinator for the College of Health Science and Human Service. In addition, she worked for Eastern Michigan University and for Sunoco.
- Dr. **Kuanchin C. Chen**, an internationally known expert on Internet use and online privacy, will be honored by Western Michigan University as one of two emerging scholars during an Oct. 30 awards ceremony. Chen, a faculty member at WMU since 2001, was praised in nomination materials for his research, teaching and academic service in the areas of internet user behavior, internet dependency, electronic business and online privacy and security--specifically through steganography, the use of digital protection techniques that rely on hiding written messages in a way that only the sender and recipient realize there is a message.



Dr. Kuanchin C. Chen

Upcoming Events

The next 2008-09 Distinguished Speaker Series will be held on Wednesday, November 19 at 5 p.m. in Schneider Hall.

- "The Financial Crisis from the World to Kalamazoo," Bill Johnston, president, director and chair, Greenleaf Companies

The Faculty Enhancement Committee continues its series

of seminars for WMU faculty. The next two include:

- "Internationalizing Your Courses," with Dr. **Zahir Quraeshi**, professor of marketing, and panelists; 2:30 to 4:30 p.m. Friday, Nov. 14, 2145 Schneider Hall.
- "Do We Teach the Right Stuff in a Time of Crisis and Change?," with panelists Drs. **Christopher Korth**, professor of finance and commercial law, **Robert Landeros**, professor of management, **Stephen Newell**, chair of the WMU

Department of Marketing, and **Andrew Targowski**, professor of computer information systems; 9:30 to 11 a.m. Friday, Jan. 16, 3350 Schneider Hall.



Dr. Christopher Korth



Robert Landeros



Stephen Newell



Andrew Targowski

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