



PRISM

The Western Michigan University Newsletter for Academic Affairs

Items of Academic Interest

COLLEGE OF ARTS AND SCIENCES

The History Department has established an Undergraduate Fellows Emeriti Grant Program. History Emeriti have contributed funds to create this program, with the goal of encouraging professional growth of its majors, as well as acknowledging and rewarding outstanding student work. History students wishing to conduct research; present papers at conferences; attend professional meetings; participate in internships; or engage in other professional activities, may apply for grants ranging from \$50 to \$500 for such purposes. Call the History Department at 387-4652 for information.

There is a new graduate seminar for Spring 2007. The title is "Justice, Knowledge & Power in Education." The catalog numbers are EDDL 6980 or AFS 6000, and the section numbers are 16607 or 16611. This graduate seminar is designed for school teachers and teachers in training interested in memory and democracy. The seminar will also be useful to students interested in the economics of public policies for urban education. The course is based out of the Africana Studies Program and is co-taught by **Dr. W. F. Santiago-Valles** and **Dr. Joseph Kretovics** in the College of Education. The course also is available to students in Extended University Programs. In addition to putting theoretical materials and recent field work in context, this offering will feature a series of visiting scholars throughout the Spring 2007 semester, including: Jessica Gordon-Nembhard (University of Maryland: Economics & Africana Studies); Cedric Robinson (University of California-Santa Barbara: Political Science & Africana Studies); Joseph Massad (Columbia University: Middle East & Asian Languages and Cultures); Christine Sleeter (California State University: Teacher Education); George Wood (Principal Hocking High School- Stewart, Ohio); Gladys Jimenez-Munoz (Binghamton University: Education); and William Ayers (University of Illinois-Chicago: Education). Any questions about present or future sections of this seminar may be addressed to Dr. W. F. Santiago-Valles at 387-2561 or e-mail: santiago.valles@wmich.edu.

COLLEGE OF EDUCATION

Dr. Lynn Brice, associate professor, Department of Teaching, Learning and Educational Studies, has a unique opportunity this year. The WMU students are corresponding with a class of 4th/5th grade students and their teacher, **Mrs. Leigh Ann Leigh**, from San Diego Riverside School, Jemez Pueblo, New Mexico. The students exchange letters describing themselves, their families, school activities, and communities. A central focus of ED 4070 is social studies curriculum with an emphasis on critical pedagogy. Particular attention is given to the

representations of diverse peoples in the content, as well as designing responsible social studies curriculum for diverse learners. The exchange provides WMU students an opportunity to interact with a group of children who are culturally different from them. In addition to exchanging letters, WMU students prepare instruction kits that are sent to the students in New Mexico. The kits are focused on historical thinking and geographic understanding that parallel the concepts and skills the children study. The kits include primary materials, artifacts, and activities designed by the WMU students. To assist in the preparation, the WMU students work with **Dr. Sharon Carlson**, director of the WMU Archives and Regional History, and **Ms. Elspeth Inglis**, assistant director of programs at the Kalamazoo Valley Museum. The students at San Diego Riverside complete the instruction kit activities and offer the WMU teachers-in-preparation their feedback about the kits. The instruction kit project provides WMU students an opportunity to experience the entire process of designing, implementing and assessing social studies instruction for children with diverse abilities and interests. The Jemez Pueblo students are provided opportunities to practice literacy skills and further their study in social studies. The activities exchanged are integrated into the English language arts and social studies the children study. The exchange also provides WMU students an opportunity to interact with Mrs. Leigh around the curricular and pedagogical choices she makes for her students' learning.



COLLEGE OF ENGINEERING AND APPLIED SCIENCES

The image of Sunseeker '05, WMU's solar car, is part of a large wall mural that is on display this month at the North American Auto Show in Detroit. Sunseeker '05 is the solar car that finished sixth in the 2005 North American Solar Challenge (NASC) – a 2,500-mile race from Austin, Texas, to Calgary, Alberta, Canada. The car also won the competition's "Aesthetics" award. According to Sunseeker advisor **Abraham Poot**, the Industrial and Manufacturing, and Mechanical and Aeronautical Engineering technical support,



The mural displayed at this month's North American Auto Show in Detroit with its image of WMU's Sunseeker '05.

Continued on page 2

Items of Academic Interest Continued...

the solar car team is presently working on an improved vehicle and initiating a fundraising campaign to make up for budget shortfalls. The new solar car body design is complete, and the car is under construction. Improvements in aerodynamics have resulted in a drag coefficient that is less than half that of the '05 car. A smaller canopy provides more space for solar cells and therefore more energy collected from the sun. To fund the project, students have prepared a community mailing to area businesses. The solar team is also seeking 'Adopt-a-Cell' donations of \$25 - the approximate cost of a solar cell. The new vehicle will need about 1,000 solar cells. Donors are given honorary team membership, regular e-mail progress reports if requested, and the donor's name displayed on the Sunseeker's race trailer. Poot said that those wishing to 'Adopt-a-Cell' could do so by going to the Sunseeker Web site at www.wmich.edu/sunseeker, clicking on the 'Adopt-a-Cell' link and following the instructions for making a donation on the WMU Foundation's Web page. Sunseeker '05 is regularly used in outreach and educational programs at high schools, colleges, technical centers, energy festivals, and parades around the state. The WMU Sunseeker team, led by Team Captain **David Ludens**, meets in the Parkview Student Project Lab. WMU students from all majors are encouraged to join the team. More information is available from Poot or Ludens: abraham.poot@wmich.edu or david.j.ludens@wmich.edu.



The new Sunseeker canopy takes shape with the help of CEAS students (left to right) Ian Smith, Stephen Yurk, and David Ludens.

Six CEAS students attended the 2006 Foundry Educational Foundation College Industry Conference (FEF CIC) last November with **Dr. Sam Ramrattan**, a specialist in material and process and the WMU FEF Key Professor, and **Dr. Tim Greene**, dean of WMU's College of Engineering and Applied Sciences. The 59-year-old conference is held annually in Chicago. The current FEF President is Bill Barrett, president and CEO of Neenah Foundry Co., who was inducted into the CEAS Alumni Excellence Academy in 2006. The WMU student delegates were **Adam Bell (ME)**, **Kyle Manduch (EGR)**, **Ryan Miller (MFT)**, **Charles Ponscheck (MFT)**, **Matthew Rutledge (EGR)**, and **Scott Seckel (MFT)**. Ramrattan described the conference as "an exciting event" that actively reaches out to engineering colleges and universities in North America. WMU is one of only 25 in the world to be accredited by this foundation. A special feature of this year's event was a fund-raising silent auction held at the awards banquet in which industry leaders competed to purchase Super Bowl XL football tickets. Proceeds from the auction will benefit students in metal casting programs. Students attend the conference to win scholarships and to network with



Representing WMU at the 2006 FEF CIC: front row (l-r) Scott Seckel, Dr. Sam Ramrattan, and Adam Bell and back row (l-r) Charles Ponscheck, Ryan Miller, Kyle Manduch, Matt Rutledge, and Dr. Tim Greene.

representatives from industry. "Companies attend this conference to help promote their names and to look at students who could potentially become part of their teams," Seckel said. Manduch described the conference experience as a "very beneficial" one that seemed like a "family reunion" and offered lifelong learning experiences the students would be unable to get in a class. "It was like a giant metal-casting family," he said. "Everyone knew everyone else, and I learned stuff I will take with me for the rest of my life." Describing his conference experience as "very valuable," Seckel said he had his first "very tasty" dinner interview, which led to a second interview and a job offer that he accepted as the Casting Engineering Manager at Blackhawk Foundry in Davenport, IA. "The opportunities presented to students like me are the result of attending industry conferences like this," he said.

Last November, 16 Girl Scouts built and decorated rockets and made paper airplanes as part of an "Engineer for a Day" workshop organized and directed by WMU's student chapter of the Society of Women Engineers (SWE). According to SWE President **Melanie Hancock**, an aeronautical engineering senior, seven SWE members worked with the Scouts, who were all members of the Glowing Embers Council, from Troops 154, 334, 413, and 431. "The girls made bouncy balls with an inner weight and learned why they did not bounce as normal bouncy balls do," she said. Because the workshop was held in WMU's Applied Aerodynamics Laboratory in Kalamazoo, the Scouts also examined Cessna 182 and Kitfox planes and learned general facts about the parts and observed the operation of a small wind tunnel. "For the big finale, the Scouts helped launch and recover a rocket outside of the lab," Hancock said. She credited CEAS students **Courtney Heath**, the



Girl Scouts from the Glowing Embers Council build paper and foam planes at the SWE "Engineer for a Day" workshop.

Courtney Heath, the workshop chair, and **Jennifer Wagg**, SWE treasurer, for planning and coordinating the event with her. Other students who participated in the workshop included **Sarah Gerbig**, SWE vice president; **Marji Vanhoorelbeke**, SWE secretary; and **Mallory Good**. Mad Science was credited for donating materials used in the workshop.

COLLEGE OF FINE ARTS

The School of Music will host a Baroque Festival in January and February, 2007. The festival will consist of six events throughout the six weeks, and will include various lecture/demonstrations, as part of the school's weekly Convocation Series, as well as evening performances. The festival is a focus on the musical arts which flourished from 1600 to 1750, and will encompass intense study, performance, recognition, and appreciation of the time period.

Faculty Accolades

COLLEGE OF FINE ARTS

Adriane Little, assistant professor of art, was represented by PEAK Gallery for the Toronto International Art Fair, November 9-13, 2006. She mounted a solo exhibition of her photographic series, *Paradox*, in the Nichols Gallery at the Flickinger Performing Arts Center in Buffalo, New York, November 6, 2006 through January 12, 2007. *Paradox* is a meditation on the transgressions of electronic communication constructed from a paragraph received daily in junk email. *Paradox* is scheduled for a solo exhibition at PEAK Gallery in Toronto in 2007.

Keith Hall, instructor of jazz in the School of Music, has released a new CD with his trio. The CD, *Invisible Horizon*, is the second release by the trio, which features Hall on drums, **Bennett Paster** on piano, and **Gregory Ryan** on bass. More information can be found on the Web at www.bennettpaster.com/horizon.

Music faculty members **Dr. Stephen Zegree** and **Dr. Scott Cowan** gave invited presentations at the 2007 International Association for Jazz Education conference in January in New York City. The WMU Jazz Octet, a student ensemble directed by Cowan, presented a featured performance.

Associate professor of Dance **Sharon Garber** was invited to judge the ballet portion of the Michigan Youth Arts Festival dance competition on January 7, 2007 in Fraser, MI just North of Detroit. Ms. Garber has also been invited to serve as an evaluator of the Dance Department at the Culver Academies in Culver, IN.

COLLEGE OF HEALTH AND HUMAN SERVICES

Dr. Cindee Quake-Rapp, professor and chair of occupational therapy, was one of 18 candidates out of a pool of 58 applicants selected to receive a \$2,500 Leadership Mentoring Fellows award from the American Occupational Therapy Association and the American Occupational Therapy Foundation. The fellowship is designed to support participation in a unique series of mentoring circles over the next nine months.



Dr. Cindee Quake-Rapp

Dr. Ben Atchison, professor of occupational therapy, is one of nine speakers selected to present at the 2007 National Conference on Sensory Processing Disorders in Orlando, Florida, February 22-24.

Dr. Maureen Mickus, associate professor of occupational therapy, has been invited to participate in an advisory group to explore the possibility of establishing a private dementia certificate training program for paraprofessional staff. This endeavor is part of Optimal Life Designs in Dementia Care, which is the organization that offers the Edna Gates Conference in Dementia Care.

Occupational therapy faculty, **Dr. Carla Chase** and **Dr. Maureen Mickus**, have received an award from the International Education Faculty Development Fund through the Haenicke Institute to create a cross-cultural exploration of Long Term Care issues in Ireland and the creation of an international elective for the department of occupational therapy.

Eric Vangsnes, interim director of the Physician Assistant program, was nominated for a PARagon Award for his article *PA Attitudes towards Prescription Drug Costs*, which appeared in the Journal of the American Academy of Physician Assistants (JAAPA).

COLLEGE OF ARTS AND SCIENCES

Bill Merrow and **Deb Stoyanoff** (Mallinson Institute) have been named recipients of WMU 2006-2007 "Make a Difference" Awards. Make a Difference is a campus-wide peer-to-peer program that recognizes staff members for their accomplishments and daily investment of energy and creativity. It features semiannual and annual awards that go to non-faculty employees who provide exceptional services to the university.

Dr. Charles Henderson (Mallinson Institute) has just received an NSF award of \$97,011 for a project titled, *Facilitating Change in Higher Education: A Multidisciplinary Effort to Bridge the Individual Actor and System Perspectives*. The project will run for two years and involves planning a national multidisciplinary conference for researchers interested in studying and promoting change in higher education.

Dr. Charles Henderson (Mallinson Institute) was recently elected as the second Vice President (to progress to president) of the Michigan Section of the American Association of Physics Teachers. The July/August issue of the "Journal of College Science Teaching" contains an article relating to work that Dr. Henderson completed towards improving the introductory calculus-based physics courses. Henderson, C. & Rosenthal, A. (2006) Reading Questions: Encouraging Students to Read the Text Before Coming to Class, "Journal of College Science Teaching," 35 (7), 46-50.

The James Park Thomson Medal by the Royal Geographical Society of Queensland, Australia, has been awarded to **Joseph P. Stoltman**, (Geography and the Mallinson Institute for Science Education). The award recognizes Stoltman for his research and leadership in the professional fields of geography and education. It is named for an Australian geographer and public servant who founded the geographical society in 1885. The medal was presented by Thompson's great granddaughter during a July ceremony in Brisbane, Queensland, after which Stoltman presented the J. P. Thomson Lecture, speaking on "Public Views and Uses of Geography: Our Subject Through Different Lenses."

Faculty Accolades Continued...

HAWORTH COLLEGE OF BUSINESS

S.P. Deshpande (Management), Joseph, J. (University of Alaska Fairbanks), and Prasad, R. (University of Alaska Anchorage), Factors Impacting Ethical Behavior in Hospitals. *Journal of Business Ethics*. Vol. 69, 207-216.

Dr. Pairin Katerattanakul from the Business Information Systems Department and his co-authors: Dr. Jinyoul Lee (State University of New York at Binghamton), Dr. Mike Eom (University of Portland), and Dr. Bonn-Oh Kim (Seattle University) have their article titled "Virtual Organization: Resource-Based View" published in the *International Journal of E-Business Research*, Vol. 3, No.1 (January - March 2007).

Dr. Jim Eckert (Marketing) will present at the National Conference on Sales Management to be held in late March. "The Dreaded Daily Quiz: How More Dread Leads to Less Red" during the Special Teaching Session at the conference. Dr. Eckert has also been invited to guest lecture at the University of Kentucky's Gatton College of Business. He will be lecturing to the MBA students on Customer Relationship Management issues. This is scheduled for Wednesday, February 28.

Onur Arugaslan (Finance and Commercial Law) "Why Are Dual Class Shares Unified?" *Business Quest*, published 2007. Also accepted for publication Onur Arugaslan and Sherry Jarrell (Wake Forest University), "The Effect of Product Market Strategies on the Financial and Ownership Structures of Firms," *Management Research News*.

Dr. Karen M. Lancendorfer, assistant professor of marketing, will chair and present as part of a refereed panel at the American Academy of Advertising (AAA) Conference this April in Burlington, Vermont. The panel is entitled: "The Branding of Higher Education: The Great Awakening in the Hallowed Halls of Academia."

COLLEGE OF EDUCATION

Dr. Phillip Johnson, assistant professor in the Department of Counselor Education and Counseling Psychology, was the keynote speaker for the Greater Cincinnati Counseling Association 31st Annual Winter Workshop held January 12-13 at Xavier University. The theme of the conference is the Colorful Mosaic of the Human Spirit. Dr. Johnson's keynote address "Seeing Human Beings: The Challenge", focuses on the humanistic tradition as an important corrective to the typical way people are portrayed in the popular media today and how counselor understanding of their humanity has implications for issues of social justice and multicultural competence.

Fulbright Senior Specialists selected **Dr. Linda Dannison**, chair of the Department of Family and Consumer Sciences and **Dr. Andrea Smith**, professor of Early Childhood in the Department of Teaching, Learning and Educational Studies, to go to the University of Tromso, Norway as Fulbright Senior Specialists in March, 2007. They will lecture at the University

and hold a series of in-service meetings for community-based professionals focused on kinship care and developing effective services for grandparent-headed family members. Researchers at the University of Tromso have been studying this issue in Scandinavia and other areas of western Europe so there is the potential for future partnerships and collaboration!

Dr. Tetana Koshmanova, assistant professor in the Department of Teaching, Learning, and Educational Studies, recently co-authored the article "Exploratory study of changing ethnic stereotypes of the Ukrainian teacher candidates" in the *Journal of Peace Education*.

Barbara Frazier, associate professor in Family and Consumer Sciences, was elected to a two year term on the Board of Directors of Kappa Omicron Nu. Kappa Omicron Nu is an honor society for students in the human sciences with a mission to create empowered leaders through scholarship, research and leadership. Membership in Kappa Omicron Nu Honor Society is available to majors in academic programs that focus on multidisciplinary education, research, and service focused on individuals, families, communities, and their health and environments for the purpose of improving and enhancing the quality of living. The organization provides leadership for collaboration among various organizations within the human sciences relating to leadership development, undergraduate research, and strategic thinking about the future of human sciences in higher education.

The College of Education Staff once again offered assistance the first week of classes to students in Sangren Hall. A help desk was set up and staff gave room directions and information to new and returning students.



COLLEGE OF ENGINEERING AND APPLIED SCIENCES

Last fall, **Fred Sitkins**, a professor in the Industrial and Manufacturing Engineering (IME) Department, became the CEAS director of cooperative education. In addition to his new responsibilities, he continues to teach both in-class and on-line courses. "I'm putting together a recruitment plan," he said. "And I'm teaching metrology and introduction to manufacturing." Including his years as an undergraduate, Sitkins has spent about 32 years at WMU. He is certified as a manufacturing engineer in both manufacturing management and robotics and as a motion control specialist. He began teaching at WMU in 1979. In 1984, he joined the newly formed Engineering Technology department, which later merged with Industrial Engineering to become IME. He became a full professor in 1998. In addition to his teaching responsibilities, he has been active in the WMU community. For several years he served as advisor to the Sunseeker solar car project and to the Society of Manufacturing Engineers (SME) student chapter, and since 1993, he has served as co-director of the Association of International Motion Engineers (AIME). He has assisted numerous senior design projects and has participated in the Mike Gary athletic fundraisers for 26 years. He is presently the chairman of the athletic board and the faculty athletic

Continued on page 5

Faculty Accolades Continued...

representative to the NCAA, the CCHA, and the Mid-American Conference. He serves on the infractions committee of the Mid-American Conference. Sitkins has also been actively involved in ABET Accreditation. As a member of the ABET/TAC commission he visited two other schools last fall and wrote two interim reports. In addition to earning his BA from WMU, Sitkins has a MS from Eastern Michigan University. Being able to teach at his alma mater is a "privilege," he said. "I shall always be a Bronco."



Fred Sitkins

The CEAS Manufacturing Research Center (MRC) hosted the 4th Annual Conference on High Pressure Phase Transformations last summer to review the results of a National Science Foundation (NSF) Focused Research Group (FRG) program that began in 2002 and that wrapped up at the end of 2006. **Dr. John Patten**, chair of the CEAS Department of Manufacturing Engineering (MFEG) and director of the MRC, coordinated the two-day workshop. About 20 industry people, professors, and students attended and gave abstract oral and/or poster presentations about ongoing research in an issue related to the project. Nearly five years ago, Patten, then a mechanical engineering professor at University of North Carolina – Charlotte, received the NSF grant, which has grown to a "more than \$1 million grant" for the high-pressure phase transformation research. As the project's principal investigator (PI), Patten moved the project to WMU when he came here in 2003. The 2006 workshop represented the project's fourth and final group meeting activity. Earlier annual workshop conferences had been held at University of North Carolina – Charlotte, NC; North Carolina State University in Raleigh, NC; and the University of Tennessee, in Knoxville, TN. Among those who attended the conference were several members of the project team that have been involved in this project from the beginning and will probably be involved in future projects: John Gilman, a UCLA emeritus Patten described as "the world's foremost expert in high pressure phase transformations"; George Pharr, a University of Tennessee expert in nano-indentation; and Ron Scattergood, a North Carolina State researcher whose specialty is ductile behavior of very hard materials like semiconductors. "I think the conference was a big success," Patten said. "It achieved its goals, and we got quite a bit done." Patten explained that the research project at the heart of the conference represented fundamental science about an issue related to manufacturing operations. "It deals with using very high pressure to cause phase changes that avoid breakage in fragile materials such as glass and ceramics," he said. According to Patten, the research involved a lot of pure science and it was fun. "The manufacturing issue is how to make something out of nominally brittle semiconductors and ceramics without their breaking," Patten said. Attending the conference from WMU were **Jerry Jacob**



Dr. John Patten, chair of the CEAS Department of Manufacturing Engineering (MFEG) and director of the CEAS Manufacturing Research Center (MRC).

(ME student), **Ramesh Kattumenu** (PCI student), **Tatiana Mitchell** (psychology student), **Deepak Ravindra** (ME student), **Andre Williams** (ECE student), and others, such as Dave Stephenson from Third Wave Systems, Inc. Deepak Ravindra who Patten said, "wandered in and out of the conference," participated in the research program. Patten said that a new grant application would probably be in the works next year. "We answered all the fundamental questions and basically put the theory in a box," he said. "Now we need to decide the next step. The challenge is to extend, re-invent the research, and develop a new project." Information is available at www.wmich.edu/mfe/hppt and anyone interested in present or future projects should contact Patten at john.patten@wmich.edu. The project's web site is: <http://www.micro.physics.ncsu.edu>. Originally from Detroit, Patten earned his Ph.D. in precision engineering at North Carolina State University. His credentials include a BS at General Motors Institute (GMI) and a MS at Oakland University, both in mechanical engineering with a manufacturing concentration from GMI. Patten directs the off-campus program that offers a BS in Engineering – Manufacturing degree.



Some of those who attended the conference are (left to right): George Kim, Edge Technologies; Bryan Crawford, Nano Instruments; Andrew Gouldstone, SUNY Stony Brook University; John Gilman; Ron Racobsen, Day Mound Laser & Photonics; George Pharr, University of Tennessee; Ron Scattergood, North Carolina State; Imin Kao, SUNY Stony Brook University; Lei Dong, University of North Carolina at Charlotte; Jerry Jacob, WMU ME student; Ramesh Kattumenu, WMU PCI student; Tom Finland, Nano Instruments; Tim Kennedy, North Carolina State; and John Patten.

Student Accolades

COLLEGE OF EDUCATION

President **Diether Haenicke** made graduation day very special for the Edison Urban Program Interns. The Urban



Left to right: Pat Stringham, University Coordinator at Edison, Samantha Todd, Tawnya Olen, President Haenicke, Melissa Strung, Jessica Johnston, Jessica Van Treese

Program offers education students a special opportunity to pre-intern and intern in the same urban school. The schools involved in the Program are Edison Environmental Science Academy, Washington Writer's Academy and Northeastern Elementary. Pat Stringham, University Coordinator for Edison says, "The

program is very challenging, but our students learn a great deal and are definitely ready for a classroom of their own."

The Family and Consumer Sciences student organization M.O.D.A. (Merchandising Opportunities Design Association) staged "Fusion", a fashion show held at the Radisson Plaza Hotel in November 2006. The show featured over 100

Continued on page 6

student-designed and constructed garments as well as clothing from local Kalamazoo boutiques. Over 600 people attended the show and \$3,000 of the proceeds was donated to the Susan G. Komen Breast Cancer Foundation. The MODA spring fashion show is scheduled for April 21, 2007 at the Radisson Plaza Hotel.

For the fifth consecutive year, several former students of the course EMR 652: Evaluation Practicum in the Evaluation, Measurement, and Research (EMR) Program represented WMU at the American Evaluation Association (AEA) Conference in Portland. With **Dr. Liliana Rodríguez-Campos**, assistant professor in the Department of Education Leadership, Research, and Technology, encouraged doctoral students to prepare and submit their evaluation proposals. Out of the fifteen students that presented, five of these students (**Fatma Ayyad, John F. Hoye, Wes Martz, Nadini Persaud, and Ryoh Sasaki**) received related awards. The following doctoral students represented WMU at the AEA Conference:

- Fatma Ayyad and **Julien Kouame** with the paper entitled: "Evaluating Needs for Children Exposed to Violence: Teaming up Parents, Youth and Youth-Centered Program."
- **June E. Gothberg** and **Michelle A. Bakerson** with the poster entitled: "An Analysis and Metaevaluation of Public Health Evaluation Reporting Processes."
- **Maxine Gilling** and John F. Hoye with the paper entitled: "Building Collaboration Capacity: A Case Study in Higher Education."
- John F. Hoye with the paper entitled: "Digital Libraries: A Qualitative Study of Design and Functionality."
- **P. Cristian Gugiu** and Nadini Persaud with the paper entitled: "A Case Study on Using the Value-Driven Approach in an International Context."
- **Otto W. Gustafson** with the paper entitled: "Driving Customer Value in New Product Development Evaluation."
- **Mukaria Itang'ata** with the papers entitled: "Neighborhood-Sensitive Transit: Evaluating the Impacts of Light Rail Transit on Urban Neighborhoods" and "A Trend Analysis Comparative Evaluation of the United States and Canadian Social Welfare Policy Reform Initiatives."
- Wes Martz with the paper entitled: "Building Shareholder Value Using Formative Evaluation."
- **Michael S. Nokes** with the paper entitled: "Model for Collaborative Evaluations MCE in the DOC: Implementing the Model for Collaborative Evaluations in a Department of Corrections Program."
- Nadini Persaud with the paper entitled: "How Can Multiple Evaluative Statements Be Synthesized Into A Summative Evaluative Conclusion?"
- Ryoh Sasaki with the paper entitled: "A Consequence of the Policy Evaluation Law in Japan."
- **Willis Thomas** with the paper entitled: "Evaluating the Effectiveness of Business and Compliance Training at Pharmaceutical Companies."
- **Brandon Youker** with the paper entitled: "How Can Values and Standards be Used to Formulate Evaluative Conclusions."



Students from ED 3500 "Children, Their Families and Society" pose in front of Housing Resources, Inc. This class features an academic service learning project in which students interact with the community by developing a project to help homeless children.



COLLEGE OF ENGINEERING AND APPLIED SCIENCES

An electrical engineering junior won the Spring 2006 AutoCAD Contest. **David Geiser** was honoured last month in a ceremony held at the CEAS Parkview Campus before an audience that included many students currently enrolled in IME 1420 – Engineering Graphics, the requirement for eligibility in the competition. **Aaron Bonine**, a senior in civil engineering, and **Brian Jager**, a sophomore in mechanical engineering, earned second and third places respectively. The three-hour competition is held each semester by **Slobodan Urdarevik**, IME 1420 lead faculty. "I am particularly proud of these three winners," he said. Geiser, who completed an internship last summer at Kapex in Troy, enjoys CAD work even though it is not a major part of his future plans. Before taking IME 1420, Geiser took one year of high school graphics. Bonine, from Dexter, MI, completed a summer internship doing survey work for Atwell-Hicks in the Brighton office. He's presently the vice president of Theta Tau engineering fraternity and a member of the American Society of Civil Engineers (ASCE). After graduation, he plans to attend graduate school to study structural or civil engineering. Jager, a Zeeland native who had three years of high school graphics, is planning for a career in his hometown area, possibly at Gentex, a car supplier in Zeeland. "I want to stay in the area," he said. All winners received engraved plaques donated by Dr. Hooks, Inc., a Kalamazoo-based business that specializes in awards; Inventor 11 by Autodesk



At the ceremony to honor AutoCAD winners are (left to right) IME Dept. Chair Dr. Paul Engelmann, David Geiser (1st), Aaron Bonine (2nd), Brian Jager (3rd), and IME 1420 Professor Slobodan Urdarevik. Geiser's entry is featured on the screen in the background.

provided by Edutronix LLC, based in Troy; and gift certificates for a dinner for two from Damon's. Geiser also received a \$50 gift certificate from Best Buy. **Dr. Paul Engelmann**, chair of the Department of Industrial and Manufacturing Engineering (IME) congratulated the winners and encouraged audience members to "take the initiative" and take part in this semester's competition. "Taking the extra step when you're in college shows employers that there's a greater likelihood that you'll take the extra step in the workplace," he said. "That sets you apart from others." For the competition, students draw a 3D solid model of a complicated part with three orthographic views and an isometric offset section of it. They must show all dimensions, symbols, and manufacturing notes.

Student Accolades Continued...

Four CEAS students have been invited to present a paper at the **2007 Annual Conference of the American Society of Engineering Education (ASEE)** this summer in Hawaii. An abstract prepared by Civil and Construction Engineering (CCE) sophomores **Paul Pagano**, **Amanda Rossman**, and **Kendall Vasilnek**, and Engineering Management Technology (IME) junior **Edward Brabrandt** has been accepted for presentation. The paper, titled "First-year Experience and Beyond: Using the Engineering Design Process to Support Learning and Engineering Skill Development," is based on a design project the students started in the ENGR 1010 Introduction to Engineering class taught by **Dr. Edmund Tsang** in Fall 2005.

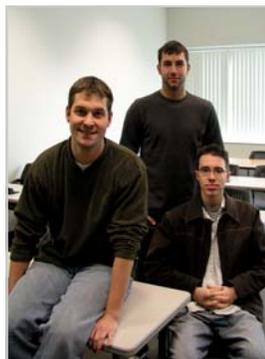


Dr. Betsy Aller (left) and Dr. Andrew Kline (right) with CCE students (l-r) Paul Pagano, Amanda Rossman, and Kendall Vasilnek, who have been invited to present a paper at the 2007 ASEE conference in Hawaii.

The students designed a working prototype of a demonstration kit for use by a local (Loy Norrix) high school science teacher to safely teach x-ray diffraction of a single crystalline solid and demonstrate mathematical concepts of rotational symmetry. The project was implemented as part of the ENGR 2020 Service Learning Design class taught by **Dr. Betsy**

Aller and Dr. Andrew Kline in Spring 2006, and has now been classroom tested. Their project is supported by the Engineering Design Center for Service Learning through grants from the National Science Foundation and the Learn and Serve America program under the direction of Kline and Tsang. The students presented a poster of the project in April 2006 at the ASEE North Central Regional Conference in Fort Wayne, IN, where they were the only non-senior or graduate students presenting.

Four student members of the WMU chapter of Institute of Industrial Engineers (IIE) are presenting two papers as part of the technical paper contest at the 2007 IIE Region 4 Conference set for Feb. 23-25 at Ohio State University, in Columbus, OH. IE seniors **John Knapp**, **Michael Kruse**, and **Lawrence Pitcher** will present "Analysis of Forecasted Capacity Utilization through a Simulated Environment of an Outpatient Pharmacy." The paper explores a Southwestern Michigan hospital's outpatient pharmacy and uses work design and a simulated environment to develop models, analyses, and recommendations to improve the workflow and customer wait time. To complete the project, the students used several exploratory tools to uncover the items that were adversely affecting productivity, efficiency, and customer wait time. IE senior **Jason R. Saksewski** will



Industrial Engineering seniors (left to right) Lawrence Pitcher, John Knapp, and Michael Kruse will present at IIE Region 4 Conference

present "Process Design and Improvement: Primary and Finish Broaching Operations." The paper is based on his experiences as an intern. This year's Regional conference, with its "Think Global" theme, will include social networking, team-building events, a panel discussion on post-graduation opportunities, and several speakers. IME professors and IIE advisors **Dr. Steven Butt**, current IIE Region IV vice president, and **Dr. Tycho Fredericks**, current IIE Region IV assistant vice president for student development, anticipate that about 20 WMU students will attend the event that includes students from Dayton University, Kettering University, Ohio University, Purdue University, University of Michigan – Ann Arbor, University of Michigan – Dearborn, University of Louisville, University of Toledo, Wayne State University, Wright State University, and Youngstown State University.

COLLEGE OF FINE ARTS

Senior BFA dance major **Adam Crain** was a featured performer in the Majestic Dance Ensemble's production of *The Nutcracker* in Ann Arbor this year. Adam has also been cast as a featured dancer in this year's "Great Work," *Alleluia*, which will be performed in the February 8-11, 2007 Winter Concert of Dance.

WMU was well represented at the 2006 American Music Therapy Association annual conference held November 15–19 in Kansas City, Mo. as evidenced with student/faculty presentations by **Mayumi Hata** (MM, 2006), **Louis Morand** (senior from Hillsdale, Mich.), **Yayoi Nakai** (MM, 2006), **Brian Wilson** (faculty), and **David Smith** (faculty).

During the first week of January students from the Department of Theatre traveled to the American College Theatre Festival in Milwaukee. Actors and designers selected by ACTF adjudicators competed throughout the week. A special selection from the Department's fall production of *A Little Night Music* was performed in an evening of scenes selected for their outstanding quality. At this year's festival, several actors were passed into the second round of competition and three students, **Phil Korth**, **Allison Hendrix** and **Ghafir Akbar** all received scholarships for professional acting study this summer. In the design competition, **Matt Gist** was passed on to the final round, an exceptional achievement for an undergraduate student.

COLLEGE OF ARTS AND SCIENCES

Vladimir Pinto of Haiti is the second WMU graduate and one of fewer than 100 students worldwide to receive a 2006-07 Gates Cambridge Scholarship, one of the world's most prestigious awards in higher education. He began his graduate work in philosophy in Cambridge's King's College last October and is the first Gates Scholar to attend from Haiti. Pinto, who completed a master's degree in philosophy in July 2006 from WMU, was announced as an award recipient during the scholarship's second round of funding for non-Americans, which took place in the middle of last year. In the fall, he joined 2005 alumnus **Tristan Brown** of Franklin, Mich., at Cambridge. Brown was picked for the international scholarship program during its first round of announcements early in 2006. They are two of 98 scholars from 32 different countries accepted last year into the program that, overall, includes a total 621 scholars from 78 countries.

Student Accolades Continued...

Quietly, and with little fanfare, the College of Arts and Sciences updated its website on Nov. 14 at 4:38 p.m. Communications and Events intern **Scott Nimer** deserves kudos for his hard work in revising every link (we hope) and for his commitment to getting everything, "just so." "It was a lot of fun working on the website," Nimer says. "The best thing about it is seeing the outcome, knowing people will be looking at it every day." Nimer joined the College of Arts and Sciences office of Communications and Events in August as an intern and plans to stay on through the spring '07 semester. While the site is "live" it is still open to critique. Nimer's immediate supervisor, **Cheri Bales**, encourages CAS faculty and staff to "browse the site" and try to find links that don't work. "Scott is so conscientious, I'm pretty sure everything works just the way it's supposed to," says Bales, "but we want to know what people think about it right away."

Congratulations to **Dr. Robert J. Ruhf** (Mallinson Institute) on his successful doctoral dissertation defense. His adviser was **Dr. Joe Stoltman**.

The following Psychology students (and faculty mentors) were selected for Graduate Student Research and Travel Grants: **Dikla Eckshtain (Scott Gaynor)**, **Gabriel Searcy (Cindy Pietras)**, **Sarah Lechago (Jim Carr)**, **Angie Lebbon (John Austin)**, **Ellie Hwang (Alyce Dickinson)**, and **Rhiannon Fante (John Austin)**.

Upcoming Events

HAWORTH COLLEGE OF BUSINESS

The 6th WMU IT Forum will occur 7:30 AM to 4:30 PM on March 30, 2007 at the Fetzer Center. The forum theme is Service Innovation Through Technology: a Paradigm Shift for the 21st Century. The forum provides a venue for the university, businesses, and the community to exchange ideas about how technology is changing the way we live and work. The topic is very timely since services now account for 75 percent of US economic activity. Three distinguished executives from the Kaufmann Foundation, IBM, and Google will deliver keynote addresses. Students and faculty are invited free of charge. More details about the IT Forum are available at <http://cis.hcob.wmich.edu/ITForum>.

The Haworth College of Business and Keystone Community Bank would like to invite you to attend the fourth presentation of the Seventh Annual Keystone Community Bank Breakfast Speaker Series. The Keystone Community Bank Breakfast Speaker Series is underwritten through the generosity of Keystone Community Bank. This event will take place in the Dean's Conference Room (Room 2150 Schneider Hall) of the Haworth College of Business on Friday, January 26, 2007 at 7:30 a.m. with the presentation, "The Fetzer Institute's Work on Love and Forgiveness: Fluff or Substance," given by Mr.

Thomas Beech, President & CEO of the Fetzer Institute. Please RSVP to the Office of the Dean at 269.387.5050. A complimentary breakfast will be available.

The Haworth College of Business is pleased to announce the next presentation in our Distinguished Speaker Series. Robert Graham, President and CEO of RG Capital in Phoenix, Arizona, will be our guest on Tuesday, February 6, 2007. Mr. Graham, a native of southwestern Michigan, a certified financial manager and registered financial consultant, is the founder of RG Capital, a financial-management firm with over 3000 clients and more than \$400 million under management. Among his corporate clients are Boeing, Cox Communications and Circle K. He is a Registered Player Financial Advisor for the National Football League, with both current and former players as clients. He is also the co-author of the book, *Clear Your Mind: A Path to Creativity*. Mr. Graham's presentation is entitled, *Going Global: Seizing the Opportunities*. It will focus upon the importance of recognizing and taking advantage of the increasingly global market in which we live. The presentation will begin at 7:30 p.m. in the Brown Auditorium of the Haworth College of Business. Please RSVP to the Office of the Dean at 269.387.5050.

EMERITI COUNCIL

The Wednesdays II programs are held in the Emeriti Lounge on second floor of Walwood Hall at 2:00 on the second Wednesday of the month during the Fall and Spring Semesters. The public is welcome to attend.

February 14: **John Petro** (Mathematics) Ghana, the Black Star of Africa. John and Joyce Petro will give a presentation about their travels in Ghana, formerly the Crown Colony of the Gold Coast, highlighting the history, culture, and traditions of this young country of many contrasts that will be celebrating the Fiftieth Anniversary of its Independence in March 2007. The black star in the center of its flag has become a national symbol that its proud people take with them wherever they go.

March 14: **Larry Ziring** (Political Science) Pakistan. Islamic State or Secular Republic. The lecture traces the origins and evolution of Pakistan from a secular model with religious appeal, to a secular experience gone wrong, leaving the religious appeal to define and shape the country's political destiny. The lecture will seek to explain how and why Pakistan became the seedbed for contemporary terrorism.

April 11: **Nancy Falk** (Comparative Religion) Hindus in Kalamazoo? How many Americans think of Hindus as people who live and work half a globe away? The reality is that, increasingly, we have Hindu neighbors, teachers, doctors, co-workers, and bosses. Even in a city as typically Midwestern and American as Kalamazoo, there are a number of thriving Hindu communities, some made up almost wholly of immigrants from India, others consisting largely or entirely of Euro-American converts to Hindu spiritual paths. This slide-illustrated talk will introduce hearers to several of these local Hindu communities: their origins, aims, and the many creative adaptations they have made to be able to take root and thrive on American soil. The talk will draw extensively on materials collected for the final chapter of Nancy Falk's textbook *Living Hinduisms*, recently published by Wadsworth/Thomson Press. In this chapter, she drew on experiences and creations of local Hindus to show how Hindu traditions reinvent themselves as they spread around the world.

Upcoming Events Continued...

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

Dr. Dewei Qi, an associate professor in Paper Engineering, Chemical Engineering, and Imaging (PCI) and Director of 2007 Engineering Tours in China, is organizing next summer's Engineering Tour of China Summer I 2007. According to Qi,



Dr. Dewei Qi, associate professor in Paper Engineering, Chemical Engineering, and Imaging (PCI) and Director of 2007 Engineering Tours in China

who will be accompanying the group on the tour, all majors are welcome to join the May 7 – May 22, 2007 trip that is designed to provide a unique opportunity for students to obtain global engineering experience in contemporary China. Participants study at the prestigious Sichuan University and visit the surrounding areas of Beijing, Shanghai, and Chengdu. The program includes engineering lectures, lab visits, field trips, and demonstrations, and special presentations on topics. Qi said the program allows students to explore global engineering opportunities and to strengthen working skills. Students will also visit the Great Wall, 2600-year-old Dujianyan irrigation system, Giant Buddha (the largest stone statue in the world), and Emei Mountain. WMU Students earn three (3) credit hours that may be applied towards their General Education

requirements or to satisfy areas within the College of Engineering and Applied Sciences. Students will stay at a modern conference center on Sichuan University's campus in double rooms with air-conditioning, telephone, television and private bathroom. When traveling in Beijing and Shanghai, students will stay in hotels. Students eligible for federal or state financial aid may use their awards for studying abroad. More information is available from Qi. The program fee is \$2,200 and the sign-up deadline for the trip is February 15. An application is available from Haenicke Institute for Global Education, B-2425 Ellsworth Hall, or from Qi, A-227 College of Engineering and Applied Sciences, 269-276-3523, dewei.qi@wmich.edu.

COLLEGE OF HEALTH AND HUMAN SERVICES

The Western Michigan University Bronson School of Nursing will have an on-site accreditation visit on March 26 – 27, 2007 by the Commission on Collegiate Nursing Education (CCNE). Written and signed third-party comments concerning the WMU School of Nursing will be accepted by CCNE until 30 days before the visit. Please direct comments to:
Ms. Sarah Jameson, Accreditation Assistant
Commission on Collegiate Nursing Education
One Dupont Circle, NW, Suite 530
Washington, DC 20036-1120

EXTENDED UNIVERSITY PROGRAMS

Disney Institute is bringing its renowned professional development program, "The Disney Keys to Excellence" to WMU's Grand Rapids Campus-Downtown on Thursday, April 19. Sponsored locally by WMU's Office of Lifelong Learning and Education (OLLE), the full-day event will give area professionals a chance to discover the business behind the

"Disney magic." Participants will observe the best practices of the *Walt Disney World*[®] Resort and discover ways to apply a little Disney magic to their organizations. Four topic areas include: Leadership, Management, Service, and Loyalty. Please contact OLLE at (269) 387-4174 for more information.

LEE HONORS COLLEGE

On January 27th, the University will be playing host to some 600 talented high school students and their parents as part of our annual Medallion Program. In order to help determine who will be the winners of the prestigious Medallion Scholarship, each of the students will write an academic essay as well as engage in a group problem-solving component. These students, who have all expressed an interest in coming to WMU, will have an opportunity to see the campus, to familiarize themselves with our faculty and programs at a Faculty Showcase, and get a glimpse into the life of the university. A significant part of the on-campus hospitality will be provided by students from the Lee Honors College. Some 60 current Medallion Scholars will be participating in panel discussions as well as helping with a multitude of logistical concerns.

COLLEGE OF FINE ARTS

Western Michigan University's Department of Dance will present its annual Winter Concert of Dance, *Alleluia*, Thursday through Sunday, February 8-11, 2007 in Shaw Theatre of WMU's Gilmore Theatre Complex. Performances are at 8:00 pm on Thursday, Friday and Saturday, and at 2:00 pm on Sunday. The concert will include the choreography of dance faculty, students and guest artists Robert Battle and Teena Custer. Ticket prices are \$16.00 for general admission; \$12.00 for seniors, WMU faculty and staff, and Partners in Dance members; and \$7.00 for students. Tickets are available through the Theatre Box Office (387-6222).

The Department of Theatre is proud to present *Rosencrantz and Guildenstern Are Dead*, a zany puzzle from Hamlet and his friends. In this spoof of Shakespeare's *Hamlet*, two comedic courtiers set out to find the cause of the young prince's madness but end up deep in their own craziness. Performances are in York Arena Theatre at 8 p.m. on February 8-10 and 15-17, and at 2 p.m. on February 18. Tickets are available through the Theatre Box Office (387-6222).



The Pillowman is a shocking Orwellian drama. The Department of Theatre presents this gripping crime drama set in a totalitarian state. It investigates a series of gruesome child murders that bear an uncanny resemblance to short stories penned by a local author. This production takes place in the Gilmore Multiform Theatre at 8 p.m. February 23-24, at 2 p.m. February 25, and at 8 p.m. March 1-3. Tickets are available through the Theatre Box Office (387-6222).



Upcoming Events Continued...

The School of Music's six-week Baroque Festival events began January 10 and conclude February 8. Details of the series are noted below:

The month of January ends with a convocation entitled "Handel in Early 19th Century England: of Gas Lighting, Royal Taste, and Sibling Rivalry." Held in the Dalton Center Recital Hall, WMU faculty member Stan Pelkey will explore some of the ways in which Handel's music came to permeate British culture in the early decades of the nineteenth century. The convocation will include live performances of some of the music by Handel and inspired by Handel that Pelkey will discuss. It begins at 1 p.m. on Wednesday, January 31, and there is no admission charge.

Friday, February 2 is the second of three Baroque Festival performances. "We've Got Your Bach!" features a great variety of performers and performances of works specifically from Johann Sebastian Bach. The University Chorale, conducted by James K. Bass, will perform "Jesu, Meine Freude," and the monumental "Brandenburg Concerto #2" will feature a chamber orchestra of students. Individual performers include Karl Schrock, organ; Yu-Lien The, recorder; Scott Thornburg, trumpet; Renata Artman Knific, violin; Christine Smith, flute; and Michael Miller, oboe. The concert begins at 8:15 p.m. in the Dalton Center Recital Hall and is free admission.

On Wednesday, February 7, the last convocation of the festival will be held. "Getting a Handel on Baroque" will feature Apollo's Fire director Jeannette Sorrell and selected musicians from the ensemble for a musical examination of the art and performance practice of Baroque era music. Handel's "Fireworks Suite" will serve as the performance model for this presentation that compares and contrasts the issues for both the twenty-first century performers of and the audiences for Baroque repertoire. This convocation begins at 1 p.m. in the Dalton Center Recital Hall, is free admission, and is a perfect precursor to the festival's final performance.

The grand finale of the Baroque Festival will be a performance by Apollo's Fire, the Cleveland Baroque Orchestra, on Thursday, February 8 at 8:15 p.m. in the Dalton Center Recital Hall.



The Bullock Performance Institute is pleased to initiate the 25th Anniversary celebration of the Dorothy U. Dalton Center with this concert by Apollo's Fire, the Chuck and Tucky Elliot Distinguished Visiting Artists. The performance will feature works by George Frideric Handel, including the "Fireworks Suite" and "Dixit Dominus." Apollo's Fire is a select group of musicians from North America and Europe dedicated to performing 17th and 18th century music. Accommodations for Apollo's Fire are partially underwritten by Kalamazoo's Holiday Inn West. The concert will be simultaneously broadcast from the Dalton Center by local NPR affiliate WMUK. General admission tickets are \$10 each. Students and seniors will be charged \$5 each. A limited number of \$30 premium tickets are available.

These premium tickets entitle the holder to general seating in rows H through O in the center section of the Recital Hall. Tickets are available through Miller Auditorium's Ticket Office at (269) 387-2300 or toll-free 1-800-228-9858.

COLLEGE OF ARTS AND SCIENCES

Dr. Joann Keyton, Ph.D., Professor of Communication, University of Kansas will present a public lecture about how collaborative process both creates and reinforces public-private tensions across three field research projects about policy programs at local, regional, and state levels. She points to ways in which organizations use communication to position an objective as public when, in practice, the objective has private and strategic outcomes. These tensions are revealed in individual frames of reference in meeting conversations when collaboration members discuss what is possible and what is ethical and in the processes used by collaboration members to reach their goals. Keyton's areas of expertise include organizational culture, sexual harassment policies, procedures, and training, as well as strategic team communication behaviors. She is the former editor of *Journal of Applied Communication Research*, one of the leading academic journals in Communication. The public lecture will take place on Wednesday, Feb. 7, 2007 at noon to 1 p.m. in 3508 Knauss Hall. The event is free of charge and sponsored by the WMU School of Communication.

COLLEGE OF ARTS AND SCIENCES

EXTENDED UNIVERSITY PROGRAMS

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP) will conduct the Education for Social Justice Lecture series at the Fetzer Center from 7-9 p.m. on multiple Wednesday nights throughout the 2007 Spring semester. The seven-part lecture series' presenters explore the relationship between the value of social justice and education. Lectures are scheduled for the following dates: Jan. 31, Feb. 7 & 21, March 14 & 28, and April 4 & 11. The Education for Social Justice Lecture series is free and open to the public. Pre-registration is not required unless you wish to pay for academic credit. The Office of Lifelong Learning and Education (OLLE) is pleased to offer an academic credit option of 1 credit hour for those wishing to participate in all seven (7) lectures. Please contact OLLE at (269) 387-4174 for information on obtaining academic credit. (Current WMU students can register for this course on-line at GoWMU, ED 5000, CRN 22204). Your application for academic credit must be received prior to May 1 to earn Summer I credit. For additional information on the lecture series go to <http://eup.wmich.edu/olle/programs/socialjustice/>

In addition, there will be a Thursday evening seminar course (AFS 6000, CRN 16611 & EDLD 6980, CRN 16607) from 6-9 p.m. held every Thursday night entitled "Justice Knowledge and Power in Education." The seminar will involve seven guest speakers and other faculty from several departments on campus and from the surrounding community. The location of the weekly seminar will be announced. Please let your students and colleagues know about this opportunity. Contact EUP at 387-4174, Africana Studies at 387-2561 or GEAR UP at 387-6865 for further information.

What We're Reading

No items submitted for this topic.

 **COLLEGE OF AVIATION**

 **GRADUATE COLLEGE**

 **UNIVERSITY LIBRARIES**

No items submitted for this issue.

PRISM Newsletter

Editor-in-Chief: Janet Disaneschi

Editors: Amy Routhier
Megan Anderson

Production: Linsay Singer

**Accredited by The Higher Learning
Commission and a member of the
North Central Association**

www.ncahigherlearningcommission.org

1-800-621-7440

