Volume 20, February 2007

PRISM

The Western Michigan University Newsletter for Academic Affairs

Items of Academic Interest

Please join the Provost and her staff in welcoming the following Deans, Chairs, and Directors to their new positions this Academic Year:

College of Arts and Sciences
Biological Sciences: Dr. David Cowan, Chair
Chemistry: Dr. Michael Barcelona, Interim Chair
Geography: Dr. Benjamin Ofori-Amoah, Chair
Mathematics: Dr. Gene Freudenburg, Chair
Spanish: Dr. Mercedes Tasende, Interim Chair

Centers/Institutes/Programs
Africana Studies Program: Dr. Onaiwu Ogbomo, Director
Medieval Institute: Dr. Rand Johnson, Interim Director

College of Aviation
Dr. Curtis Swanson, Interim Faculty Chair

Haworth College of Business
Dr. David Shields, Dean
Accountancy: Dr. Donald Gribbin, Chair

College of Education
Educational Leadership, Research, and Technology:
Dr. Van Cooley, Chair

College of Engineering and Applied Sciences
Civil and Construction Engineering: Dr. Haluk Aktan, Chair
Computer Science: Dr. Donald Nelson, Chair

College of Fine Arts
Art (School of): Mr. Jim Hopfensperger, Interim Director

College of Health and Human Services
Dr. Earlie Washington, Dean
Social Work (School of): Dr. Gary Mathews, Interim Director

Lee Honors College
Dr. Keith Hearit, Interim Dean

Research and Sponsored Programs
Dr. Leonard Ginsberg, Interim Vice President for Research

Extended University Programs
Dr. Darrell Johnson, Dean
Battle Creek/Lansing Campuses: Ms. Sharon Russell, Director
Business Operations: Ms. Cathleen Smith, Director

Other Administrative Academic Affairs Units
Admissions: Ms. Penny Bundy, Director
Career English Language Center for International Students (CELCIS): Mr. Robert Dlouhy, Director
Global Education (Diether H. Haenicke Institute for):
Dr. W. Wilson "Bill" Woods Jr, Interim Dean
Race and Ethnic Relations (Lewis Walker Institute for):
Dr. Lewis Walker, Interim Director

COLLEGE OF AVIATION

Although the bad weather on the western side of the state kept some anxious participants at home, WMU's College of Aviation had a strong presence at the Great Lakes International Aviation Conference (GLIAC) again this year, which was held for the first time in Novi, Michigan. In addition to sponsoring the event, the COA and the Sky Broncos both had exhibitors' booths that were well staffed. Several members of the faculty and a large number of students were also in attendance. One of our maintenance students, **Geoff Lindenberg**, took 3rd place in the Professional Aviation Maintenance Association (PAMA) Olympics – a commendable performance considering that most of the contestants were licensed practicing aviation maintenance technicians. With the large number of exhibitors, breakout sessions and keynote speakers, this event has grown into one of the largest shows of its kind in the mid-west. Because of WMU's lengthy presence in the region's aviation education, GLIAC has evolved into a sort of homecoming, with many exhibitors, vendors, employers and presenters there who started out their aviation careers at WMU.

Bernard Polynice (left), senior in Aviation Flight Science and **Marnique Harris** (right), Student Services Coordinator, in front of the WMU COA booth at GLIAC 2007.

The last piece of the three-part simulation process for ab initio pilot training fell into place with the arrival in early February of the Advanced Aircraft Training Device (A-ATD) from Aerosim Technologies. Dubbed the "Aviator" by the manufacturer, the device is a fully functional replication of the cockpit of the SR-22 aircraft built by Cirrus Design. In addition to providing all the "fit and feel" of the real cockpit, the device employs a 52" high fidelity projection screen that ably displays an accurate depiction of the world as viewed from

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the cockpit. The "Aviator" A-ATD fits into the training matrix between a computer-based training tool designed to introduce the student to the equipment in the Cirrus cockpit, and a Level 6+ Flight Training Device (FTD) capable of simulating all the maneuvering characteristics of the actual aircraft. Once a student gains a theoretical understanding of how each piece of equipment operates individually and collectively in the cockpit using a computer monitor and mouse, the "Aviator" A-ATD will provide the student with the opportunity to develop the psychomotor skills necessary to actually operate that equipment. Such familiarity with the cockpit will enhance the student's learning experience when s/he later learns to "maneuver" the cockpit in the FTD and, ultimately, in flight in the actual aircraft. It will also provide a more economical path to the requisite learning because it will be less expensive to use than either the aircraft or the FTD. An additional capability of the A-ATD will be found later in the student's flight training when s/he learns to master simulated instrument flight using the Cirrus' highly advanced automation. Used in conjunction with the FTD where the student will learn the hand flying skills necessary to fly safely in instrument conditions, the A-ATD is a fully functional replication of the Cirrus' technically advanced avionics. The flat-panel touch-screen instructor operating station provides the instructor with all the flexibility needed to simulate the environmental conditions necessary for effective learning. Used in conjunction with the FTD, the A-ATD again provides a more economical option to learning than the use of the FTD alone.

HAWORTH COLLEGE OF BUSINESS

The Haworth College of Business and Keystone Community Bank conducted the fifth presentation of the Seventh Annual Keystone Community Bank Breakfast Speaker Series on February 23, 2007 with Mr. Jim Kneen, President & CEO of Heritage Community of Kalamazoo as the speaker. Mr. Kneen presented, "Older and Better." Heritage Community of Kalamazoo is the region's largest and oldest not-for-profit senior living center, providing independent living, assisted-living, rehabilitation services, and Alzheimer's disease and dementia care services. Jim Kneen received his bachelor's degree from Alma College and his Master in Health Care Management from the University of Missouri. He is a Fellow in the American College of Healthcare Executives, a licensed Nursing Home Administrator, and active in various professional health care organizations. He has held leadership positions in hospitals, health care networks, and long-term care organizations. Mr. Kneen is currently a Commissioner on the Kalamazoo City Planning Commission, President of the Kalamazoo County YMCA Board of Directors, President of the Park Club Board of Directors and a member of the Downtown Kalamazoo Rotary Club. The Keystone Community Bank Breakfast Speaker Series is underwritten through the generosity of Keystone Community Bank. The series provides an opportunity for the local community to hear prominent business leaders, WMU faculty, alumni, and friends of the College of Business discuss current business issues, corporate strategies as well as key information regarding the continuing progress of the business college.

Working with the Michigan Association of Certified Public Accountants (MACPA), the Department of Accountancy hosted the 2007 MACPA High School Leaders Conference on February 21, 2007. Participants learned about the accounting profession and the requirements to earn a degree in Accountancy at Western Michigan University. Professors **Ola Smith** and **David Rozelle** were faculty coordinators for this event.

COLLEGE OF EDUCATION

An interactive, educational half-day workshop to promote certification of family life educators (CFLE) in the community titled "Strengthening Families Through Family Life Education" was offered by the family studies program in the Department of Family and Consumer Sciences last October. The purpose of the workshop was to promote understanding of the FLE discipline, the certification process and requirements, and the value of employing CFLEs. The workshop was highly interactive and engaging with individual, small group, and large group activities. There was opportunity for each participant to personalize the information presented and to relate the material to the work done at their agency or organization. The following faculty in the family studies/ family life education programs facilitated the workshop: **Dr. Linda Dannison**, chair; **Dr. Karen Blaisure**, professor; **Dr. Chantel Lumpkin**, assistant professor; and **Bryce Dickey**, faculty specialist.

On Saturday, February 10, the Department of Health, Physical Education and Recreation honored 33 high school student-athletes during the WMU celebration of National Girls and Women in Sports Day (NGWS). The breakfast reception featured remarks from **Dr. Debra S. Berkey**, chair, and a keynote address delivered by **Ashley Vogl, Katie Eberling** and **Jill Mitchell**, tri-captains of the WMU Women's Volleyball Team. The event was organized and staged by **Ms. Terri Hires**, student services coordinator, **Dr. Suzan Ayers**, assistant professor, **Dr. Jody Brylinsky**, professor, and **Dr. Berkey**, chair.

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

The Department of Industrial and Manufacturing Engineering (IME) held its first IME Night to showcase IME's four undergraduate programs: industrial engineering, manufacturing engineering technology, engineering management, and engineering graphics and design. Even though the three-hour event was set for one of the most blustery winter evenings, more than 40 IME students and faculty set up tables to showcase IME programs, products, and organizations and to answer questions. In addition, many Parkview Campus engineering labs were open for guided tours. Participants could also view a computerized image of the pressure points they exert on a chair when they sit down, which is part of ongoing chair research. All undecided engineering majors were invited to discuss careers with IME students and faculty and to

Discussing IME's casting products are **Jason Klein** (wearing baseball cap) and **John (J. D.) Steinmetz**, seniors in the IME manufacturing engineering technology program.

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Items of Academic Interest Continued...

Reviewing IME program material are industrial engineering students (left to right) **Shannon Bowerson**, IE undergrad; **Supreeta Amin**, IE Ph.D.; **Ilgin Acar**, IE Ph.D.; and **Mike Hoonhorst**, IE master's student.

eat pizza, play games, and win prizes. According to **Dr. Steven Butt**, an associate professor in the IME department who coordinated the event, at least 10 students requested more information about IME programs "In spite of the weather, it was a very good night," he said. "The interaction between the students and faculty within the department was great!" Also pleased with the event was **Dr. Paul Engelmann**. "This was clearly a positive event for our current students, and I for one, had a good time," he said.

COLLEGE OF FINE ARTS

A web article about the use of Internet2 as a dance rehearsal tool is a featured story on the Merit Network, Inc. website**.** The article discusses **Nina Nelson's** use of Internet2 as she staged and rehearsed dancers in preparation for their performance of her dance entitled "Fields of Motion." Nelson is the chair of the Department of Dance. The website is: http://merit.edu/news/features/wmu1/.

Faculty Accolades

COLLEGE OF FINE ARTS

Bill Charland, assistant professor art/art education, published a paper in the recent issue of *Arts Education Policy Review* titled "The art association/higher education partnership: Implementing residential professional development."

An article by **Dr. Scott Cowan**, a jazz brass specialist in the School of Music, was published in the January journal of the *International Trumpet Guild.* The article is titled "The Jazz Big Band: Elements to Assure Good Ensemble Performance."

Bill Davis, assistant professor of art, is leading a combined workshop in photography, stop-action video, and bookmaking at the 2nd Annual Photo-thon hosted by Antonelli College, in Cincinnati, Ohio, February 14-16. Participants will photograph themselves digitally, identify and combine the average of their faces, archive and print multi-layered files, and sequence the results in singular hand-made bound editions. The project visually unifies the pan-cultural background of each workshop group. Davis has also been invited from a national pool of photographers, stylists, and directors to jury work for the annual Teri Studios photography and video competition in Cincinnati, Ohio. The studio hosts and presents workshops and seminars, co-produces cookbooks, and lists Wendy's Foods International and Bob Evans Inc. as commercial clients.

Adriane Little, assistant professor of art, will have video included in the Perceptual Art Machine Project at SCOPE: International Contemporary Art Fair on February 22-26, 2007 in New York City. A selection of her photographic series "Resuscitation" has been included in the group exhibition Death Bizarre at The Center for Photography at Woodstock in Woodstock, New York. Death Bizarre was curated by Colette Copeland and is on view March 31 through May 28, 2007. Death Bizarre is currently being scheduled for exhibition at the Southeast Museum of Photography in Daytona Beach, Florida.

COLLEGE OF HEALTH AND HUMAN SERVICES

On March 6, 2007, she will give a presentation of her recent work as part of the Visiting Artist Lecture Series at Sheridan College in Oakville, Ontario, Canada.
On February 6, the Department of Blindness and Low Vision Studies held a reception to celebrate professor emeriti **Dr. Jacqueline Mallinson**, whose work helped launch and support that program as well as the physician assistant program at WMU. Mallinson, who received an honorary degree in October 2006 from WMU, is the author of more than 300 professional articles and reviews and the co-author of 12 textbooks. She taught at WMU from 1957 until her retirement in 1988 as an associate professor of science education. Present at the reception was **Dr. Earlie M. Washington**, dean of the College of Health and Human Services who says that, "we are very pleased to recognize Jackie's accomplishments and contributions to the Departments of Blindness and Low Vision Studies and Physician Assistant. She has been and continues to be a great asset to our college and WMU." **Dr. Jim Leja**, chair of the Department of Blindness and Low Vision Studies describes Mallinson as an honorary member of the department. "She's part of our history," he adds. The reception came as a way to honor Mallinson for her October award, but also to bring together friends. "We held the reception so that long time colleagues of Jackie could celebrate with her," says **Susan Ponchillia**, professor of blindness and low vision studies. "We also wanted an opportunity for our current students to meet someone who is such a role model."

Dr. Helen Sharp

Dr. Helen Sharp, assistant professor of speech pathology and audiology, was elected communications officer for the American Cleft Palate-Craniofacial Association for a three year term. Sharp also currently serves on that association's Ethics, Archives, and Honors and Awards committees.

Dr. Judith Sadler, associate professor of Nursing, has been recognized by the American Nurses Credentialing Center's Magnet Recognition Program for her work as an appraiser at over 13 facilities. The Magnet Recognition Program® was developed by the American Nurses Credentialing Center (ANCC) to recognize health care organizations that provide nursing excellence. The program also provides a vehicle for disseminating successful nursing practices and strategies.

Dr. Judith Sadler

Faculty Accolades Continued...

EXTENDED UNIVERSITY PROGRAMS

Dr. Leonard Seawood, director of Western Michigan University's Southwest Campus in Benton Township, received the 2007 Dr. Martin Luther King Leadership Award at the 20th Annual Benton Harbor Community Celebration in honor of Martin Luther King's birthday. Seawood is currently the president of a new organization, Band of Brothers for Christ, which consists of about 65 motivated African American men who have pledged to positively change their communities. The theme for the MLK celebration was "What Would He Say Now?" Rev. Michael Carson, pastor of the Memorial AME Church in Benton Township, presented his ideas of what civil rights leaders such as Martin Luther King would say about the movement today. Other speakers and musical performers also contributed to the memorable event.

COLLEGE OF ARTS AND SCIENCES

Two longtime Western Michigan University faculty members, revered by students for their instructional skills, are the first to be named recipients of WMU's Distinguished Teaching Awards, a revival of a similar university program that for 35 years honored classroom excellence. **Dr. Irma M. Lopez**, professor of Spanish, and **Dr. Suhashni "Sushi" Datta-Sandhu**, associate professor of political science, have received the WMU Alumni Association Teaching Excellence Award. Lopez and Datta-Sandhu will be the first faculty members honored for teaching since 2001, when the last WMU Alumni Association Teaching Excellence Award was presented. This program, which began in 1966, extended the honor to 131 faculty members. In 2006, the new program was launched honors up to three full-time faculty members each year. The teaching awards carry a one-time cash prize of $2,000 and a subsequent increase in base salary.

Dr. Irma M. Lopez and Dr. Suhashni Datta-Sandhu

COLLEGE OF AVIATION

Dr. Curtis Swanson

Dr. Curtis Swanson, affectionately known as 'Doc,' has been associated with WMU since 1967. He 'first' retired as a faculty member in 1999 after 32 years of service. "Flunking" retirement, he immediately came back to WMU and taught part time. It wasn't long before he was hired again at the College of Aviation to work on an Engine Test Cell in Battle Creek. In 2001, he accepted a position as Director of Academic Programs for the Centre for Civil Aviation at London Metropolitan University, London, England, U.K. After three productive years in the U.K., he returned to Michigan. The dean of the College of Aviation soon invited him to become the laboratory supervisor/coordinator for the Aviation Maintenance Education Labs in Battle Creek. He spent about eight months at that job before becoming Interim Chair for the Department of Aviation Sciences. He will officially retire in June, 2007, when he and his wife, Sylvia, move to Vero Beach, Florida. Reflecting on more than 40 years at WMU, Doc states, "My greatest joy and inspiration has been the time spent in the classrooms and laboratories at WMU. It has been truly a great experience and a privilege to have been here and to have been in the presence of such a fine student body." Doc will not retire entirely from the world of aviation. He has accepted his "dream job" – working on the next generation of jet engines for Cessna. Doc promises to remain involved with WMU too. Colleagues and students have something to anticipate. In the future Doc promises to help staff the WMU College of Aviation booth at the National Business Aviation Association annual convention held in his new home state of Florida. He will be truly missed at the WMU College of Aviation in Battle Creek.

The College of Aviation has continued to work diligently towards its research initiatives. As earlier issues of HowGozIt note, the College was awarded one of the largest grants from the Michigan Economic Development Corporation – Tri Corridor Funding – Life Sciences category that the MEDC had ever given. This grant was awarded to look at ways to better understand and identify the parameters of team skills in healthcare by using the processes that had been developed in the air carrier industry. The grant is now in its second year and has begun to run validation scenarios in hospital settings. The richness of the healthcare environment cannot be simulated in a lab setting and therefore it was understood early on in the project that if it is going to be successful it needed to get on the front lines. The project is moving forward quite nicely and the team members have already discovered a number of interesting findings. Any one of the MEDC Grant Team members would be happy to discuss further with you the wealth of information that we are finding in this research. You can contact **Beth Seiler**, **William Hamman** or **William Rutherford**. The College Research Department is also interested in obtaining funding for other research projects not only in medicine but in aviation as well and as been identifying possible funding sources including: National Patient Safety Foundation, The Army Research Institute, The Agency for Healthcare Research and Quality, NASA – Small Business Innovative Research, The National Science Foundation, and The FAA's Civil Aeromedical Institute. As the college pursues these funding agencies it will be forming collaborations with other collegiate aviation programs. It will keep you apprised of the progress that is made in identifying new research opportunities for the college. The faculty at the College of Aviation continues to be involved in researching Maintenance Engineering curriculum development, along with curriculum development for the new Cirrus aircraft. Research identifying a proficiency matrix for the flight science students is also an area of interest for both the Research Department and the Lead Flight Instructors at the College. Individuals with questions regarding any of the initiatives or any one who would like to discuss these items further should contact:

Dr. William Rutherford, associate dean for research (william.rutherford@wmich.edu)
Dr. William Hamman, research scientist (william.hamman@wmich.edu)
Ms. Beth Seiler, research assistant (beth.seiler@wmich.edu)

Blair Balden, associate professor, was elected president of the Association for Avionics Education (AAE) and will serve in this capacity until October 2007. On October 26 and 27, 2006, the WMU College of Aviation hosted the 2006 Annual AAE Conference at the College of Aviation in Battle Creek. The conference agenda included guest speakers, tours of Kellogg

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Faculty Accolades Continued...

Community College, Waco, Duncan Aviation and the College of Aviation facilities. The first full day ended with a dinner banquet which was held at the Air Zoo in Kalamazoo where a good time was had by all. Attendance at the conference included representatives from Kellogg Community College, Cochise College in Arizona, Pennsylvania College of Technology, Purdue University and Western Michigan University. Next year's will be held at Purdue University.

The Australian Aviation Psychology Association held its 7th symposium last November near Sydney, Australia. Associate professor **William Rantz** attended the conference and presented his research paper which examines the use of crew checklists in a flight training environment. According to Mr. Rantz, "Many of the leading researchers in crew resource management attended and held workshops or made presentations for attendees. These types of forums provide an opportunity to blend academe and industries, which manage risk and allow them to share the latest ideas and concepts in team psychology. It was impressive to witness a diversity of operational environments that all held reducing human error in complex systems as the central focus. One of the most important areas in risk education will be developing and using efficient and effective safety management systems". In past trips to Australia, Professor Rantz has worked with the faculty at Swinburne University in Melbourne to establish an undergraduate study abroad program. "This program has provoked definite enthusiasm from students on both sides of the exchange," says Rantz. "We expect more students to become involved as they learn of the program. We'll continue working to let incoming students know of the opportunity so they can begin planning to take advantage of the program." Students that are interested should contact the International Study Abroad office or Professor Rantz.

Associate Professor William Rantz of WMU and Dr. Robert Helmreich of UT-Austin between presentations at the 7th AAvPA in Manly, NSW Australia.

COLLEGE OF EDUCATION

Dr. Donna Talbot, associate professor in the Departments of Counselor Education and Counseling Psychology and Educational Leadership, Research and Technology, will be recognized as a Diamond Honoree by the American College Personnel Association (ACPA) for sustained and significant contributions to the student affairs profession. Diamond Honorees will be recognized at a special reception during the national conference in Orlando in April.

Dr. Marlene Breu, professor of textile and apparel studies in the Department of Family and Consumer Sciences, visited the American InterContinental University campus in London January 27-31. She was invited to the campus to meet faculty and staff, see the facilities, visit with students, and observe classes in session. Dr. Breu also visited with **Kelly Conlan**, one of ten WMU students currently studying at the AIU London campus. Students have opportunities for internships in fashion houses, top retail establishments and other fashion business venues. The program prepares WMU textile and apparel students for a future in the global apparel business within a study abroad program, and provides courses necessary for WMU fashion design students to complete curriculum requirements.

Dr. Phillip Johnson, assistant professor in the Department of Counselor Education and Counseling Psychology spoke on "So You Want to Help: Katrina One Year Later" for the department colloquium on February 23 in the Bernhard Student Center.

On January 19, a panel of faculty and students from the Department of Counselor Education and Counseling Psychology facilitated a discussion at the Dr. Martin Luther King Celebration Roundtable on "Advocacy and Affirmative Action: Implications for Helping Professionals." The American Counseling Association and the American Psychological Association codes of ethics and accreditation requirements mandate that training programs "make a concerted effort" to recruit and retain faculty and students of color and advocate for clients from underrepresented groups. The discussion examined how affirmative action legislation impacts the helping professions.

Department of Health, Physical Education and Recreation faculty **Jim Horn** and **Ron Winter's** Theory of Coaching class has partnered with Special Olympics Area 16 to offer quality coaching for the various programs in the community. Over 50 students and 75 participants with special needs are learning from each other to value competition and recognize personal achievement.

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

A journal article written by associate professor **Dr. Margaret Joyce** and professor **Dr. Dan Fleming** – faculty in the Department of Paper Engineering, Chemical Engineering, and Imaging (PCI) – was published by *TAPPI, Technical Association of the Pulp and Paper Industry*. "New Curtain Coating Technology Offers Benefits for Barrier-Coated Grades: From pizza boxes to burger wrappers to corrugated boards, we use a vast array of barrier-coated papers" was the lead article in the July 19, 2006, issue of TAPPI's Solutions – Ahead of the Curve section. "The article highlighted the curtain coating research our group has been involved with over the past two years," Joyce said. Also credited as an author of the article is **Dr. Peeyush Tripathi**, a former WMU doctoral student who now works for SAPPI in Westbrook, ME. **Matt Stoops**, a PCI technician, also assisted the project on which the article is based. "He didn't write the paper, but he helped obtain data," Joyce said. "He's our right-hand man in the lab." Joyce's area of specialization is coating formulation and development and coating processes. Her current research involves nano materials and composites, barrier coatings, curtain coating, and coating-ink interactions. She is Director of the Center for Coating Research and

Drs. Dan Fleming and Margaret Joyce in the Center for Coating Development at WMU's Parkview Campus.

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Faculty Accolades Continued...

Development at WMU, teaches several short courses on coating technology, and chairs an annual Barrier Coating Symposium at WMU. She has 12 years of industrial experience in coatings for textiles and paper, has published more than 40 technical papers, and holds 3 patents. A member of several professional organizations, including TAPPI, where she serves on Fundamental Symposium and Coating Conference Committee and chairs the Printing and Converting Committee. Joyce earned her bachelor's in chemical engineering, master's in textile engineering, and Ph.D. in paper science and engineering at North Carolina State. Fleming directs WMU's Digital Printing and Imaging Laboratory and the Center for Ink and Printability and teaches courses in imaging. He has been involved with configuring and managing multiplatform computer networks. He has managed groups of industrial researchers and advised undergraduate and graduate students in academia. He has been involved in multidisciplinary research and consulting in industry and academia. He came to WMU in 1996 with 22 years of industrial experience and 15 years of academic experience. Fleming's education includes a bachelor's degree in physics from Ohio State, a master's in physics, and a Ph.D. in chemical physics from Harvard University.

Student Accolades

COLLEGE OF EDUCATION

Interior design students ended their senior show in the Kohrman Hall Gallery with a closing reception on February 23. **Karen Algie**, **Abigail Boeheim**, **Sam Eagan**, **Kimberly Luce**, **Katie Joyce**, **and Megan Nye** presented eMErge featuring their design projects.

Ms. Wanda Viento, a counselor education doctoral student in the student affairs in higher education option in the Department of Counselor Education and Counseling Psychology, received the Nevitt Sanford Research Award from the American College Personnel Association's (ACPA) Commission on Professional Preparation, the association's faculty group. She will be recognized at the national conference in April in Orlando.

Congratulations to counselor education doctoral student **Shawn Bultsma,** Department of Counselor Education and Counseling Psychology, who was recently named as one of 5 doctoral students and 10 master's students nationally to be awarded a Ross Trust Scholarship from the American Counseling Association (ACA) for 2007. This scholarship is designed to honor counselor education students and recognize excellence in the classroom and community service by ACA members who wish to work in educational environments. The award consists of $1,000 along with a complimentary ACA membership and registration to the 2007 ACA convention where Shawn will be recognized at the National Awards ceremony on March 24.

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

Michael Kruse and **Larry Pitcher**, seniors majoring in industrial engineering (IE), are presenting a paper at the International Conference on Industry, Engineering, and Management Systems (IEMS) in Cocoa Beach, Florida, March 12 to 14, 2007. Last month Kruse, Pitcher, and **John Knapp**, also an IE senior, received an invitation to the conference from the IEMS 2007 Conference program chair, who informed them that their paper had been accepted for presentation. "Analysis of Forecasted Capacity Utilization in a Simulated Environment of an Outpatient Pharmacy" is based on a combination of their IME 205 Work Design and IME 330 Simulation Modeling and Analysis class projects analyzing a hospital's outpatient pharmacy, for which they used work design and simulation both to improve the workflow and to maintain satisfactory customer wait times during levels of increased demand. The students reviewed several scenarios to formulate recommendations that would result in an increase in total capacity through improved resource utilization. The IEMS Conference emphasizes the integrative nature of business, management, computers and engineering within a global context. It provides a forum where engineering and management professionals can share and exchange their ideas in a professional yet relaxing and friendly environment.

Industrial Engineering seniors Michael Kruse (left) and Larry Pitcher plan to honor an invitation to present a paper at the International Conference on Industry, Engineering, and Management Systems in Cocoa Beach, Florida, next month.

Six first-year civil engineering students in **Dr. Edmund Tsang's** ENGR 1001 Introduction to Engineering Design class have been invited to present their design project at the 2007 National Center for Science and Civic Engagement (NCSCE) Capitol Hill Symposium and Science Education for New Civic Engagements and Responsibilities (SENCER) Poster Session in Washington DC on March 12-13. **Josh Cook, Adam Eaton, Aaron Mason, Stephen Orey, Britney Richmond**, and **Kim Warners** will present their ENGR 1001 design project. They designed and built several working prototypes for a demonstration kit on light for a middle-school science teacher. The kit demonstrates that light reflection, refraction, absorption, and transmission occur concurrently rather than discretely. Two revised designs will be presented at the symposium. ENGR 1001 is a first-semester course to introduce students to the concepts of engineering design and product development. Service-learning provides the context for students to learn and practice the engineering design process, teamwork and communication skills. ENGR 1001 students may elect to continue in ENGR 2020, 3030, or 4040, a sequence of three 1-credit hour service-learning design courses, in which students continue to learn and practice engineering design and project management, taking on increasing responsibilities as they progress from sophomore to senior. Tsang said that receiving an invitation was an honor. "The students submitted an abstract for the selection process and earned the invitation," he said. In addition to presenting their project at the symposium, the students will also present it to the district's Congressional representative and his staff. The

Six first-year civil engineering students and their professor are headed to the 2007 NCSCE Capitol Hill Symposium and SENCER Poster Session. Seated (left to right): Britney Richmond, Kim Warners, and Adam Eaton. Standing (l-r) Aaron Mason, Josh Cook, Stephen Orey, and Dr. Edmund Tsang.

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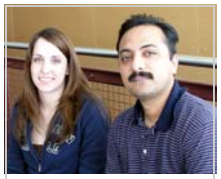
Student Accolades Continued...

students said that the project did more than produce a kit. "We're learning the design process and team working and problem solving skills," Warners said. "It's also about team work and engineering."



Ashley Bazzana and Jai Thomas were recently inducted into Phi Kappa Phi.

Two students and a professor from the Department of Industrial and Manufacturing Engineering (IME) have been inducted into the Phi Kappa Phi honor society. **Ashley Bazzana** is a third-year industrial engineering major with a Spanish minor. She came to WMU from Allen Park and plans to eventually earn a Ph.D. **Jai Thomas** is a doctoral student in industrial engineering who earned an All-University Graduate Teaching award last year and whose research specialty is in brake-hose modeling. He would like to work as a college professor after his graduation in December 2007. **Dr. Tycho Fredericks**, an associate professor in the IME department, was also inducted into the honor society. According to **Dr. Paul Engelmann**, IME department chair, having three inductees from IME "represents the most inductees we've had at one time." According to its Web site, Phi Kappa Phi is the nation's oldest, largest, and most selective all-discipline honor society. In annually inducts about 30,000 students, faculty, professional staff, and alumni. It was founded in 1897, and has more than 1 million members in chapters on about 300 college and university campuses in North America and the Philippines. Membership is by invitation only to the top 10 percent of seniors and graduate students, 7.5 percent of juniors, and faculty, professional staff, and alumni who have achieved scholarly distinction. Its objective is to recognize and encourage superior scholarship in all academic disciplines. The society's mission is "To recognize and promote academic excellence in all fields of higher education and to engage the community of scholars in service to others." All the IME initiates said they were notified by mail but none knew who had nominated them.

College of Arts and Sciences

Vladimir Pintro 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. Pintro, 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. The Gates Cambridge Trust was established in 2000 by the Bill and Melinda Gates Foundation of Seattle through a $210 million donation to the University of Cambridge. Gates Cambridge Scholarships are awarded only to students who gain admission to Cambridge through that university's regular procedures. They cover the full cost of study at Cambridge for the recipient and include a maintenance allowance as well as a discretionary allowance for study-related activities.

College of Fine Arts

Two WMU trombone students have recently been singled out in national competitions. **Evan Conroy** (a junior from Commerce Township, Mich.) has been selected as one of five semifinalists in the brass trombone division of the National Trombone Solo Competition sponsored by the U.S. Army Band, and **Ruth Lindgren** (BM 2006 and a current graduate student from Three Oaks, Mich.) was named first alternate in the Larry Wiehe/King Trombone Solo Competition sponsored by the International Trombone Association. On a related note, the WMU Trombone Quartet, which includes Lindgren and Conroy, will conduct a performing tour in March presenting recitals at the University of Arkansas, Pittsburg (Kansas) State University, and the University of Central Arkansas. The UCA appearance will be held during Arkansas Trombone Day, a regional event also featuring renowned artists from Los Angeles and New York. The WMU Trombone Quartet is coached by **Steve Wolfinbarger**, associate professor of music.

College of Health and Human Services

At the February 6th Rebecca Binkowski Memorial Luncheon and Award Presentation, two second year Master's of Social Work students, **Mary Muliett** and **Janice Knapick**, won the 2006-2007 award. **Barbara Cliff**, a doctoral student in the Ph.D. in Interdisciplinary Health Studies program, won a $10,000 competitive national grant from AT&T for her hospital.

Barbara Cliff

Bronson School of Nursing alumna **Susan DeRuiter**, RN, has been selected to lead the Battle Creek Health System nurse navigator program. She will serve as a liaison between the patient, the family, and the physician, offering patients various resources and support services they need during their cancer treatments. DeRuiter has served as a staff nurse in oncology, post-op, postpartum, and occupational medicine for more than 20 years.

Department of Blindness and Low Vision Studies students were featured in an article from the *Observer and Eccentric, Mirror Newspapers*, and *HometownWeeklies*, a news group covering the Detroit area.

Haworth College of Business

A team of marketing students from Western Michigan University is among eight teams nationwide selected to travel to New Orleans to present their marketing plan to bring back tourism to the hurricane-ravaged city. WMU's chapter of the American Marketing Association is one of eight U.S. chapters that will present their plan in March at the AMA Collegiate Conference, which brings together more than 1,000 of the best and brightest marketing students and their faculty advisors. This year's case involved bringing back tourism to New Orleans. The team will present its marketing plan to the New Orleans Convention and Visitor Bureau and a panel of AMA judges on March 29. The eight teams were chosen from among

Continued on page 8

Student Accolades Continued...

47 teams nationally that submitted plans. This is the fourth time in the past six years WMU has placed in the finals, but the first time for any current team members. WMU's team is led by **Lisa Siedlak** of Lake Orion, Mich. Other team members are **Brittany Miller** of Livonia, Mich., **Shannon Meath** of Midland, Mich., **William Raides** of Milan, Mich**., Dan Corbett** of Grand Haven, Mich., **Matt Blouin** of Milford, Mich., and **Nanami Miyachi** of Tokyo, Japan. Their faculty advisor is **Esther Page-Wood**, WMU instructor of marketing.

Upcoming Events

HAWORTH COLLEGE OF BUSINESS

Michael Tarn

Now in its sixth year, the WMU IT Forum is becoming an increasingly popular venue to exchange ideas about technologies that are transforming the way we live and work. **Thomas Rienzo** and **Michael Tarn** of HCoB are co-chairing the forum this year with a theme of Service Innovation Through Technology: a paradigm shift for the 21st Century. The event will occur March 30, 2007 at the Fetzer Center on the WMU campus from 7:30 AM to 4:30 PM. It is free to WMU students, faculty, and staff. We have an exciting lineup of speakers:

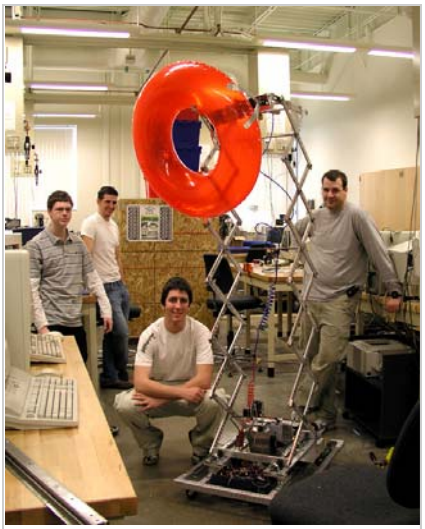
Thomas Rienzo

- Grady Burnett of Google will talk about democratizing the web through search.
- Rod Smith of IBM will connect Web 2.0 and enterprise systems technologies.
- Robert Litan of the Kaufmann Foundation will address services operating in an entrepreneurial environment.

In addition to the three keynote speeches, there are also three concurrent panel sessions focused on Service Oriented Architecture, Web 2.0, and Recruiting & Internships. More information and registration is available at http:/cis.hcob.wmich.edu/itforum.

COLLEGE OF ENGINEERING AND APPLIED SCIENCES

This week the WMU-sponsored FIRST robotics team members, which include area high school students from the Kalamazoo Area Math and Science Center (KAMSC) and from Portage Central High School, are packing up and sending the robot they have designed to Grand Valley State University for the West Michigan FIRST Robotics Regional competition, which runs from Thursday, March 29, through Saturday, March 31. The WMU-sponsored team will compete with 47 other teams from Michigan, Ohio, Illinois, and Indiana in a game of "Rack 'N' Roll" to earn the right to take their robot to the national competition in Atlanta, GA. **Dr. Tarun Gupta**, a professor in the Department of Industrial and Manufacturing Engineering, is coordinating the project. This year's challenge required the mobile robot to play Rack 'N' Roll, a game in which the robot lifts and strategically places colorful inner-tube shaped "rolls" on a rack. With the assistance of WMU engineering students, the team designed, prototyped, and built the robot, wired the circuitry, and programmed it for autonomous as well as operator-controlled modes. The team also studied the complex competition scoring involved in the competition. Two groups of WMU students are using the FIRST mentoring experience toward their senior design projects: **Mark Rudy** and **Chris Engelbrecht**, seniors in manufacturing engineering technology, and **Faris Khawaldeh, Noumoussa Tounkara**, and **Michael J. Podsiad**, seniors in electrical and computer engineering. Also, eight industrial engineering and electrical and computer-engineering students from the IME 3080 Computer Controlled Manufacturing Design lab have worked on machining and fabrication of various components and on overall project management. FIRST, which stands for "For Inspiration and Recognition of Science and Technology," is a multinational non-profit organization that sponsors robotics competitions for high-school-aged teams. Its Web site describes the competition as "a unique varsity sport of the mind" that encourages the student competitors to discover "how interesting and rewarding the life of engineers and researchers can be." The FIRST robotics competition challenges teams of young people and their mentors to solve a common problem in a six-week timeframe using a standard "kit of parts" and a common set of rules. At the regional competition, teams will be rewarded for their robotic designs, team spirit, professionalism and maturity, and ability to overcome obstacles. The competition event is free and open to the public. Opening ceremonies begin at 9 a.m. Friday, March 30, in the Grand Valley State University Fieldhouse in Allendale. The event runs 9 a.m-5 p.m. Friday and 9 a.m.-4 p.m. Saturday.



The WMU-sponsored robot (center) is headed to West Michigan FIRST Robotics Regional competition. Posing with the robot are (left to right) **Scott VanderLugt**, 16, a KAMSC sophomore who is home-schooled; **Chris Engelbrecht**, a WMU senior majoring in manufacturing and engineering technology; **Mike Caruso**, 17, a KAMSC senior who is also Kalamazoo Central High School student, and **Mark Rudy**, a WMU senior majoring in manufacturing and engineering technology.

Left to right: Checking out the robot's gripper arm to be sure it can hold the blue tube "roll" that the robot will place strategically on a rack at the West Michigan FIRST Robotics Regional competition, are (left to right) Scott VanderLugt, 16, a KAMSC sophomore who is home-schooled; Chris Engelbrecht and Mark Rudy, WMU seniors majoring in manufacturing and engineering technology, and Mike Caruso, 17, a KAMSC senior who is also Kalamazoo Central High School student.

Upcoming Events Continued...

Dr. Betsy Aller, an assistant professor in Department of Industrial and Manufacturing Engineering (IME), and **Dr. Andrew Kline**, an assistant professor in the Department of Paper Engineering, Chemical Engineering, and Imaging (PCI), are organizing and directing Engineering in Germany, Summer I 2007, a three-week engineering seminar set for May 5 through May 25. According to Aller and Kline, who will accompany the group on the tour, the travel seminar is open to all who have good academic standing and who are either majoring or minoring in an engineering program. Places on the itinerary include Frankfurt, Bonn, the Rhine, Ludwigshafen, Heidelberg, Wiesebaden, Johannisberg, Paderborn, Wolfsburg, and more. Students will tour companies such as BASF, Pfizer, Daimler-Chrysler, and Benteler and other sites such as the Heinz Nixdorf Museum and the research labs of Universtat Paderborn, a leading German university in engineering research and education and a WMU partner. WMU students earn three (3) credit hours either in ENGR 3400 or ENGR 3700, or INTL 4050: Engineering in Germany. Students will be required to prepare a presentation and a project report and to take a final exam. The program fee for the seminar is $3,590, which includes tuition and fees, travel in Germany, lodging, breakfast and dinner, most entrance fees, excursions, and insurance. The fee does not include airfare, passport, lunches, or personal expenses. Students who are eligible for financial aid must complete paperwork and maintain compliance with financial aid regulations. More information and application data are available from Aller at 269-276-3354 or betsy.aller@wmich.edu, Kline at 269-276-3516 or andrew.kline@wmich.edu, and Haenicke Institute for Global Education, B-2425 Ellsworth Hall at 269-387-5890 or study-abroad@wmich.edu. Applications are due February 28.

Dr. Betsy Aller, an assistant professor in Industrial and manufacturing (IME) and Dr. Andrew Kline, assistant professor in Paper Engineering, Chemical Engineering, and Imaging (PCI) are organizing a three-week seminar in Germany

EXTENDED UNIVERSITY PROGRAMS

The Education for Social Justice Lecture Series presents two visiting scholars in March 2007 at the Fetzer Center from 7:00 -9:00 p.m. on the campus of Western Michigan University.

- Professor Cedric Robinson will present *Whiteness and American Historical Memory* on March 14th. Dr. Robinson is a professor in the Department of Black Studies and the Department of Political Science at the University of California- San Bernadino. His fields of teaching and research are modern political thought, radical social theory in the African Diaspora, and comparative politics, and media and politics.

- Professor Jessica Gordon Nembard will present *Education and Economic Transformation-Teaching, and Practicing Democratic Community Economics* on March 28th. Dr. Gordon Nembard is Assistant Professor and economist (political economist) in the African American Studies Departments, and co-founder of the Democracy Collaborative at the University of Maryland (UMd), College Park. Dr. Gordon Nembard specializes in economic development policy and Black political economy. Her research focuses on community- and asset-based economic development and democratic community economics, cooperative economics and worker ownership, alternative urban economic and educational development strategies, racial wealth inequality and wealth accumulation in communities of color, and popular economic literacy.

- Please note a lecture date change. Professor Bill Ayers will present *Emancipate Yourself from Mental Slavery* on April 18th.

Western Michigan University in Grand Rapids at The Graduate Center – Downtown announces the grand opening of The Center for Career Services and Human Resources Development with an open house and tour on Thursday, March 8 from 4:30-6:30 pm. Located at 200 Ionia SW in downtown Grand Rapids, the Career Center is the product of a President's Innovation Fund grant in which the WMU-Grand Rapids Campus received $212,304 for the development of the center. Five criteria were used by the review panel to develop their recommendations. The innovative idea had to advance the mission of WMU, have a significant impact on student education or University outcomes, produce measurable results, be feasible to implement and be led by individuals with expertise and experience. The new Career Center provides individually tailored self assessment, career research, and job search services to Grand Rapids residents, while providing Western Michigan University graduate students with enhanced pre-graduation clinical experiences as well as expanded professional opportunities after graduation. More information can be found at www.gr.wmich.edu/CareerCenter/

COLLEGE OF ARTS AND SCIENCES

Film director Robert Favreau, from Québec, will come to Western Michigan University to introduce his latest creation as part of the sixth annual Francophone Film Festival, Wednesday through Sunday, March 14-18, in WMU's Little Theatre.
The Francophone Film Festival is believed to be the only film festival of its kind. Francophone is a term that describes French-speaking cultures outside of Europe, including North Africa, Sub-Saharan Africa, Quebec and the French Caribbean. "As we always do, we have some wonderful films this year," says **Dr. Vincent Desroches**, WMU assistant professor of foreign languages and the festival's organizer. "It's a great chance to see some very wonderful and extremely rare films. People will not be disappointed." Films to be screened are:

- *Molaade* by Sembene Ousmane, Saturday, March 17 at 9:30 and Sunday, March 18 at 7 p.m.
- *Littoral* by Wadji Maouwad or Tideline, Thursday, March 15 and Friday, March 16 at 9:30 p.m.
- *Night of Truth* by Regina Fanta Nacro, Saturday, March 17 at 7 p.m.
- *Bosta*, Wednesday, March 14 at 9:30 and Thursday, March 15 at 7 p.m. Sunday at Kigali, Friday, March 16 at 7 p.m. and Sunday, March 18 at 4 p.m.
- *L'enfant endormi* (*The Sleeping Child*), Wednesday, March 14 at 7 p.m. and Saturday, March 17 at 4 p.m.

Continued on page 10

Upcoming Events Continued...

New this year will be a scholarly conference on Friday, March 16, entitled "Francophonie en Images." The conference will address the topic of the Francophone films in the classroom. Proceedings will be published on the Francophone website at www.wmich.edu/fffkazoo.

COLLEGE OF EDUCATION

Dr. Brian Canfield

On Monday, March 19, at 4:00 p.m. in the Fetzer Center Auditorium, the Department of Counselor Education and Counseling Psychology Colloquium Series will host Dr. Brian Canfield, president-elect of the American Counseling Association and associate dean and professor of the School of Leadership and Educational Sciences at the University of San Diego. Dr. Canfield will speak on "Trends in the Profession and Practice of Counseling."

COLLEGE OF FINE ARTS

The Pillowman, a shocking Orwellian drama, is presented by the Department of Theatre Thursday through Saturday, March 1-3, at 8 p.m. in the Multiform Theatre. A gripping crime drama set in a totalitarian state, *The Pillowman* investigates a series of gruesome child murders that bear an uncanny resemblance to short stories penned by a local author. Once under interrogation, the author and the sadistic guards reveal surprising and alarming information about themselves and the crimes. It is an engaging drama for mature audiences. Tickets may be purchased through the theatre box office, 387-6222.

Once On This Island, is a family musical of love and hope. It is performed in the Multiform Theatre, March 22-23 and 29-31 at 8 p.m. and on Sunday, April 1, at 2 p.m. Two different worlds collide in the Caribbean: one of poor, laboring peasants, and the other of wealthy, careless grands hommes. This family musical by renowned composing team Lynn Ahrens and Stephen Flaherty (*Ragtime, Seussical*) tells the story of a young girl's first love and her quest to conquer death. Tickets may be purchased through the theatre box office, 387-6222.

All are invited to attend the Annual School of Art Student Exhibition in the DeVries Gallery in the new Richmond Center for the Visual Arts from March 9-24, 2007. Gallery hours are Monday through Friday, 10a.m.-6 p.m. and Saturday from noon-6 p.m. The student awards ceremony will take place on Thursday, March 15, at 4 p.m. in the Dalton Center Recital Hall, with a reception following in the RCVA 2nd floor student lounge.

In a 14-day span, the School of Music will host four major festivals, bringing thousands of high school musicians to campus.

- The 69th annual Southwestern Michigan Vocal Festival will be held Thursday, March 15. SWMVF is one of the largest, oldest, and most successful high school choral festivals in the United States. This year's festival will draw participants from 38 southwest Michigan high schools. The day-long festival will culminate in a 7 p.m. performance in Miller Auditorium. The concert is open to the public, free of charge. The 1,500-voice Festival Chorus will be seated in the first level of the auditorium; the audience will be seated in the first balcony. Guest conductor Craig Arnold from Luther College will lead the evening performance, which includes the large Festival Chorus as well as the select 60-member 2007 Honors Choir. Also featured will be the University Chorale under the direction of **James K. Bass**.
- Two days later, the Jazz Studies Area will host the 27th annual Western Invitational Jazz Festival. The festival will run all day on Saturday, March 17, beginning with high school bands and combos performing from 8 a.m. – 3 p.m. in the Dalton Center Recital Hall and Lecture Hall, followed by clinics and master classes. The festival will conclude with a concert at 7:30 p.m. in the Recital Hall. Admission for the evening concert is $10. General admission tickets will be on sale at the door and are also available in advance from the Miller Auditorium Ticket Office at 387-2300. The concert will feature performances by the festival's guest artist, trombonist Jiggs Whigham, with the University Jazz Orchestra as well as the Outstanding Combo and Big Band selected from the participants.
- On Saturday, March 24, Gold Company will host the 27th annual Gold Company Invitational Vocal Jazz Festival. Some 25 high school and college vocal jazz ensembles are expected from several U.S. states and Canada. The day will end with an 8 p.m. performance by Gold Company in the Dalton Center Recital Hall. A limited number of tickets, at $10 each, will be available for purchase at the door.
- Closing this "festival extravaganza" will be the 39th annual Spring Conference on Wind & Percussion Music on Thursday, March 29. Each year the festival focuses on a guest composer/conductor whose works are featured during the conference. This year's featured artist is composer Eric Ewazen whose Kalamazoo residency is being made possible through a WMU collaboration with the Kalamazoo Symphony Orchestra. The day's activities will feature two afternoon band concerts including the East Lansing High School Symphonic Band conducted by Jane Church (1 p.m.) and the Big Rapids High School Wind Symphony conducted by Kent Boulton (2:45 p.m.), both in Miller Auditorium. The conference will conclude with an evening performance beginning at 7:30 p.m. in Miller Auditorium. The concert will feature performances by the University Symphonic Band and Western Winds, both conducted by WMU Director of Bands **Robert L. Spradling**, and the 120-member **Eric Ewazen** All-Star Band. Students from as many as 70 Michigan high schools are expected to be nominated by their band directors for the honor of performing in this band. All Spring

Conference events are open to the public without an admission charge.

What We're Reading

No items submitted for this topic.

- EMERITI COUNCIL
- GRADUATE COLLEGE
- LEE HONORS COLLEGE
- UNIVERSITY LIBRARIES

No items submitted for this issue.

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