Corporate/University partnership brings $50 million in cutting-edge CAD tools to campus engineering labs

A West Michigan corporate/university partnership announced Oct. 27 will put more than $50 million worth of state-of-the-art, computer-aided design software in the hands of WMU engineering students.

Genesis Modeling Technologies and Johnson Controls Interiors of Holland have teamed up with IBM and Dassault Systemes of France to place CATIA, an integrated design/modeling system used by the world's leading manufacturers, in WMU computer labs. The University already has hardware adjustments so that the first 18 CATIA workstations are operable by the start of the winter 1999 semester.

The development means that WMU's College of Engineering and Applied Sciences will be the only engineering school in Michigan and one of only a handful in the nation to have a full CATIA training facility. CATIA, developed by Dassault Systemes, is used internationally and covers the entire range of product development from design and testing to manufacturing and marketing. The system, which is used worldwide by IBM and locally by Genesis, is considered the standard in the industry and is widely used by the world's leading automobile manufacturers.

"We are absolutely delighted that our corporate partners in this venture recognized the quality of our programs and have made a commitment that will enhance the skills of our graduates and make them prime candidates for employment," said President Floyd. "Our engineering graduates already are widely regarded by industry as being 'job ready' and having the practical experience that makes them immediately productive. This public/private partnership will take our engineering programs beyond the cutting edge and will mean our graduates will have the most sought-after skills in industry today." Floyd.

CATIA PARTNERS—At the Oct. 27 announcement of the University/corporate partnership that will bring CATIA to campus, the principals in the arrangement gathered and Paul Dickensheets of Johnson Controls Interiors, from left, presented a check from his firm to President Floyd to support the initiative. Also on hand were, from left: Buz Nowicki of IBM's Southfield offices; Don Kines, president of Genesis Modeling Technologies; and Michael Atkins, chairman of the Department of Industrial and Manufacturing Engineering.

(Copyright by WMU)

The first students to use the CATIA system will be sophomore-level students enrolled in an introductory course on computer-aided design. Students in the course will get a thorough grounding in CATIA and other design software and will then be able to use the software as they progress through the engineering program and complete work for their mandatory senior design project.

"We will be teaching engineering as it is applied in industry on the tools that are used in industry," said Michael Atkins, chairperson of the Department of Industrial and Manufacturing Engineering. "With state-of-the-art tools like this, we're not lagging behind industry. We're walking side by side."

Atkins says that one of the strongest aspects of the new partnership is the commitment by the corporate partners to continually update the CATIA software and train instructors in new developments as they occur.

"Our students will get the best instruction from the best-prepared CATIA instructors who are up-to-date materials," Atkins said. "You can't beat that."

Instead of the CATIA system, which is the second major software development for the WMU College of Engineering and Applied Science in recent months. Over the summer, the University launched a partnership with another international software design firm, Moldflow, making WMU the North American training site for the company's flow simulation system. Atkins says models created in the CATIA package could be imported into Moldflow software for predictive analysis of product parts. Access to both types of software, he said, makes WMU unique in its level of engineering training technology.

"This technology means we're strengthening our capabilities across the design, testing and manufacturing continuum," said Atkins.

National diversity poll results told in campus telecast

Two in every three Americans say it is very important that colleges and universities provide students with the resources needed to implement the University's computer-aided design program used in industry today.

The WMU Sky Broncos have won consecutive regional titles and have finished in the top four nation-ally for the past seven years, includ ing 1998 when the team earned a national championship.

Evaluation pair heads $2 million Detroit project

CORRECTION

A pair of Western Michigan University science and mathematics education specialist sesame at been awarded $1,950,000 to support the independent testing and evaluation of the Detroit Schools' 21st Century Initiative, the largest and most comprehen sive reform effort ever undertaken in the Detroit school system.

Zoe A. Barley and Mark Jenness, re searchers with WMU's Science and Mathematics Program Improvement project, will lead a team that includes researchers from the University of Michigan and two private firms in an evaluation of the first five years of the work in the Detroit initiative. The Detroit effort is one of 11 large urban school projects in the nation that is spon sored by the Annenberg Foundation.

In an effort to reshape the city's schools that involves 14 major stakeholders. They include the school district; parent and community organizations such as the United Way, the Detroit Urban League, the NAACP and the City-Wide School Community Organization; teachers and administrators; unions; universities; foundations; and public agencies such as the Kellogg, Knight, Kresge, Morey and Hudson Webber foundations.

Funding for WMU's involvement came from the Schools of the 21st Century Corp. of Detroit, the private non-profit organization set up to administer funds and oversee the effort. An estimated $50,000 planning grant for the project also was received. Joining Barley and Jenness in the effort was a $2 million Detroit project (Continued on page four)
Campus group organizing MLK Day events

University researchers kicked off the 1998-99 fiscal year with more than $4.7 million in grants, according to a report to the Board of Trustees of the University, which met Sept. 18 at Kalamazoo, Mich.

The largest single award made during the period was a $1,487,537 from the late Dorotha Kercher to create the Dorotha Kercher Endowment Fund, which will primarily support undergraduate and graduate students at WMU. The remainder of the charitable bequest will be used to create the Dorotha Kercher Endowment Fund for University Libraries to support the acquisition of library materials and annual international and area studies.

The WMU Foundation also reported receiving $69,569 to add to an annual Burian lecture in honor of the late Adolph Burian, professor emeritus of English, in 1999. The award is the second-largest grant the WMU Foundation made nationwide during its most recent fiscal year-to-date grant total at $4,707,904.

The Wednesday, Nov. 11, fall gathering of Professional Support Staff Organization leaders will provide a glimpse of the national environment for pain and suffering. After the presentation, Walwood Hall, Western Michigan University, 1201 S. 11th St., will be added to an annual Burian lecture in honor of the late Adolph Burian, professor emeritus of English, in 1999. The award is the second-largest grant the WMU Foundation made nationwide during its most recent fiscal year-to-date grant total at $4,707,904.

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Eight outstanding persons have been selected to receive semiannual Staff Ser-
vice Excellence Awards, which includes a commemorative certificate and a $100 prize.

The winners are: Lori J. Bennett, resi-
dent assistant; Mitchell Paper, head of Post-
store; Margaret E. Chapman, mathematicians and statistics; Julie M. Christensen, exter-
nal affairs/development; Kathleen B. Springsteen, College of Education; Camela S. Vossen, University computing services;

Hosts needed for social events with students
Faculty and staff members can learn about other areas of the world while they help international students learn about American culture through a campus pro-
gram linking students from other nations with American families. The American Family Connection at WMU is part of the Office of Interna-
tional Student Services, pairs students with local volunteers for occasional social in-
teractions. University housing for international students from 97 nations and many of them want to learn more about American culture through exposure to American families.

Volunteers are encouraged to meet at least once a month with students to take part in evening or daytime social interactions. Those may include trips to art exhibits, local fairs or festivals; attendance at movies, theatre or musical performances; dinner parties or barbecues; or visits to area parks, nature centers or historical at-
tractions.

To add your name to the list of local volunteers, contact staff members in the Office of International Student Services at 7-5855.

Exchange
FOR SALE—Office furniture. Light oak
credenza with desk, $900 firm; four walnut and black desks, $70 each; four
grey bookcases, $40 each; small executive chair, $80; six divider sound
panels, $25 each; fax machine, $50; three overhead lamps, $10 each; small
microphone, $50. Call 372-6554 or email
changen@wmich.edu.

Obituaries
Cornelius (Cornie) Loew, former vice pres-
tident and dean in the College of Arts and
Sciences in 1964 and 1965, died Oct. 21 in Troy. He was 82.

Loew had a long association with the University, beginning in 1956 as a profes-
sor of philosophy and religion. He was named head of the Department of Theologi-

57. She completed her master's degree in
student affairs in higher education last December. When not in the office, she spends
her free time hanging out with friends while occasionally working on her thesis.

"Everything we do in student life is aimed at enhancing learning and we think learning
happens in every aspect of a student’s life," Barry-Loken has been a member of the staff for several years and is considered a
stranger to that office’s work process.

The following list of vacancies is cur-
cently being posted through the Job Oppor-
tunity Transfer System. Interested persons
must submit a job opportunity transfer applica-
tion during the posting period, and may
contact an employment services staff mem-
ber for assistance in securing these posi-
tions.

(1) Assistant Associate Professor (Tenure Track; Academic Year), 1-300,
Mathematics and Statistics, 99/09-213, 10/27-11/02/98. (Resort)
(2) Assistant Professor (Tenure Track; Academic Year), 1-300, Business Informa-
(3) Assistant/Associate Professor (Tenure Track; Academic Year), 1-300,
(4) Assistant Corporate Relations P
, 02, Intercollegiate Athletics, 99/09-241, 10/27-11/02/98.
(5) Assistant Director, P-06, Accounting, 99/09-242, 10/27-11/02/98.
(6) Supervisor Maintenance/Services, P-04, Plant-Building Maintenance/Services,
(7) planner/Estimator, P-04, Plant-
Administrative Services, 99/09-244, 10/27-11/02/98.
(9) Secretary III, S-06, External Affairs/Development, Office, 99/09-246, 10/27-
11/02/98.
(20) Clerks, S-05, Public Safety, 98/99-257, 10/27-11/02/98.
(22) Clerks, S-05, Public Safety, 98/99-259, 10/27-11/02/98.
Second parking permit, Miller discount available

Faculty and staff members once again may apply for the 1998-99 Miller discount parking permit at no cost to them and enjoy a 15 percent discount at Miller Auditorium, President Floyd has announced.

Both changes represent improvements in the University's benefits package for employees.

To receive a second parking permit, employees must make the request in person between 8 a.m. and 4:30 p.m., Monday through Friday, at parking services, located at the corner of Kalamazoo and Michigan avenues, during regular business hours. The second permit is free.

The 15 percent discount at Miller Auditorium is in effect for new applicable ticket purchases with Miller discount permit or ID. Employees will receive credit or a refund for the discount on previously purchased tickets for those events if they contact the auditorium's ticket office by Nov. 2.

More information is available on parking services at 7-4690 and from the Miller Auditorium ticket office at 7-2300.

Annual fall Medallion event set for Friday, Oct. 30

The University community is invited to attend the annual Medallion Scholars program for the fall, to be held on Friday, Oct. 30, in the East Ballroom of the Bernhard Center.

The program is designed to welcome this year's new freshman Medallion Scholars to the campus.

Committee seeking faculty scholar nominations

The Distinguished Faculty Scholar Committee is seeking nominations for the 1999-2000 Distinguished Faculty Scholar Awards.

The deadline for nominations is Friday, Oct. 23. Up to 15 award recipients will be chosen in each field.

The awards are based on outstanding professional achievements. The accomplishments may be artistic, historical, literary, scientific or technical. The awardees will be publicized through a variety of media and will become part of the recipient's permanent academic record.

Eligible for the awards are full-time tenure-track and tenured faculty. They must have at least seven academic years of service to WMU prior to nomination.

Evaluation (Continued from page one)

Students who were asked whether they would contact Ernest A. Breisch, history, at 7-4950.

Bill Burton Lecture Series talks to, "The Fate of Evil: AIDS, Pain and Suffering," author David B. Morris, Drew University, Fetter Center, 7:30 p.m.

Thursday, November 5

Center for the Study of Ethics in Society panel presentation, "Job Search Ethics: Rights and Responsibilities of the Job Seeker and the Employer," 2000 Schneider Hall, 4 p.m.

Meeting, Faculty Senate, Fetter Center, 5 p.m.

Campus Activities Board movie showing, "The Truman Show," Miller Auditorium, 7 p.m.

Friday, November 6

Wired Academic Workshop, "Searching Science Databases," Linda Rollo and Helen Williams, University libraries, 1070 Waldo Library, noon

Department of Biological Sciences seminar, "The Cauliflower Tumor-Inducing Protein CgaA: A Sensor or a Switch," Janine Maddock, University of Michigan, 1718 Wood Hall, 4 p.m.

(thru Nov. 8) Western Film Society showing, "Beyond Silence," 1996 German film by Caroline Link, Campus Cinema, Oakland Recital Hall, 6, 7, and 9:30 p.m.

(thru Nov. 8) Performance, "A Funny Thing Happened on the Way to the Forum," with Jo Anne Worley, Miller Auditorium, 6, 8 p.m., and 7:22 p.m.

(thru Nov. 10) Concert Series, concert, Richard Goode, piano, Miller Auditorium, 8 p.m.

Monday, November 9

(thru Nov. 13) BFA Degree Shows, painting by Kathryn Poremski and Glen Lewis, Rotunda and South galleries, 10 a.m.-5 p.m.; reception, Friday, Nov. 13, 5-7 p.m.

(thru Nov. 18, and 19) Orientation sessions for prospective members of Safe on Campus, a group of primarily heterosexual allies for lesbian, gay and bisexual students who make their offices a safe haven; fall orientation dates: Nov. 9, Accred California, 8 p.m.; Nov. 10, 157 Bernhard Center, noon; Nov. 18, 215 Bernhard Center, 5 p.m.

(thru Nov. 19) Bernhard Center, 5 p.m.; Nov. 19, 159 Bernhard Center, 5 p.m.

Tuesday, November 10

Annual Phi Mu Epsilon Booksale, 3360 Rood Hall, 9 a.m.-3 p.m.

Wednesday, November 11

(Wired Academic Workshop, "Proposal Writing: Health and Human Services," 159 Bernhard Center, noon; call 7-8298 to register.

Meeting of Professional Support Staff Organization, 211 Bernhard Center, 5:15-6:15 p.m.

Thursday, November 12


Department of Physics colloquium, "Molecules in Very, Very Strong Light: Ionization, Dissociation and Alignment in the Non-Perturbative Regime," Deepak Mathur, Tata Institute of Fundamental Research, Mumbai India.

110 Rood Hall, 4 p.m.


* Admission charged