

Tech Topics

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Michigan Tech's Faculty/Staff Newsletter

Published weekly by University Relations

StatueCam a hit

Well, more than just a hit. StatueCam got in excess of 47,500 hits in three weeks, making it the most popular site in the history of the MTU Web.

For the first time, the StatueCam gave off-campus folks—alumni, students' parents, prospective students, and anyone else with Internet access—an ongoing view of Winter Carnival. A camcorder mounted in a window of the J. R. Van Pelt Library showed the construction of the Sigma Phi Epsilon snow statue, from January 17 through the end of carnival, with images updated every thirty seconds.

StatueCam was the brain child of **Dean Woodbeck** (University Relations), director of news and information services. "The idea probably came from looking at other campuses' Web sites that have stationary cams showing what's doing on the quad," Woodbeck said. "I thought, 'Gee, we should aim one at a statue; that would be a big hit with alumni.'"

SAS System Administrator **Todd Arney** and student worker **Bill Thiede** designed and built StatueCam, with Woodbeck contributing his family camcorder. "Todd literally built a computer out of old parts they had laying around SAS," Woodbeck said. Librarian **Dave Bezotte** (Library) donated window space in his office, which overlooks the Sig Eps statue site; and **Chuck LaPointe**, Telcom's director of customer service, provided the network connection.

As anticipated, StatueCam turned out to be very popular with alumni, and found other adherents as well. SAS Director **Mary Zanoni** talked to her traveling husband via cell phone near the Sig Eps statues, so he could see her while they chatted. One student's mother asked her son to stand in front of StatueCam so she could check out his newly dyed hair; he told her later that he couldn't find the site.

"The alumni and current students liked it, and it's good for perspective students," Woodbeck said. "It's beneficial for the University to reach out to those people.

Continued on page 5

One cannot weep for the entire world. It is beyond human strength. One must choose.

—JEAN ANOUILH

Engler praises Thompsons' \$3.6 million gift to Michigan Tech

Governor **John Engler** praised **Bob and Ellen Thompson** for their \$3,570,812 gift to create the Thompson Scholars Program at Michigan Tech. This groundbreaking scholarship program will integrate traditional undergraduate education with hands-on experience in a pavement enterprise program on campus. Ultimately, it could serve as a model for similar programs nationwide, resulting in better roads built with better materials at lower cost.

Bob Thompson, who was appointed by Engler to the Board of Control in 1997, made headlines last year when he gave \$128 million to his former employees after selling the business he founded, Thompson-McCully Asphalt Company. Thompson-McCully is one of Michigan's largest asphalt and paving contractors.

The Thompson Scholars Program will ultimately support 100 students with full-tuition, in-state scholarships to MTU. The gift also funds up to six graduate student assistants, equipment, and other costs associated with program development and operations.

"Bob Thompson's gift to Michigan Tech is not just a scholarship; it's a new way of doing business," Engler said. "I'm proud to have him serving on the Board of Control. This program will result in top-notch graduates with the latest skills and knowledge working on future Michigan road programs."

By underwriting this new approach to education, Thompson aims to fundamentally change the nature of undergraduate engineering education for his scholarship recipients. The program's unique element will be the Thompson Scholars Pavement Design, Construction, and Materials Enterprise. Teams of approximately thirty students will form a pseudo-engineering company on campus that mimics a real-life paving firm, with a particular emphasis on asphalt pavement. Through the enterprise, Thompson Scholars will gain experience on real-world projects, from developing budgets to solving engineer-

ing problems. They will also work as summer interns, gaining valuable experience in the field.

Associate Professor **George Dewey** (civil and environmental engineering) will direct the Thompson Scholars enterprise. "This is an incredible opportunity to help students while improving our program," he said. "The enterprise program is dramatically different from the traditional approach to educating undergraduates. Instead of asking students to come up with the 'right' answer, it starts with open-ended problems, in this case, pavement design, construction, and materials, and asks students to work on the constant challenge of creating better performance at lower cost."

"Our graduates will be leaving here with an education that's different from students who follow a conventional engineering curriculum," he said.

A group of distinguished representatives from industry will advise the program. "The students' success will be judged as much by industry as by the faculty, and our success as faculty will be judged by industry," Dewey said.

President **Curt Tompkins** said the program will have several key outcomes. "Deserving students will realize their full potential," he said. "Graduates will be qualified far beyond their peers at other institutions. And regardless of their academic backgrounds, they will have a greater understanding of and appreciation for the transportation industry and its unique needs and challenges."

"Finally, industry and the Michigan Department of Transportation will have access to the best graduates, as well as to innovative solutions to pavement design, construction, and materials challenges," Tompkins said. "We are tremendously grateful to Bob and Ellen Thompson for making this all possible."

"I'm fortunate to be able to do this," Thompson said. "I'm the lucky one, to be in a position to change the world a little bit."

Catch of the Day Buffet March 7 at the Union

Remember how much fun the MUB Holiday Buffet was? Looking for a reason for a department get-together? The Memorial Union presents the Catch of the Day Spring Buffet on Tuesday, March 7, starting at 11:30 a.m. in the Isle Royale Ballroom.

The menu features shrimp chowder, seafood salad, molded salmon salad, trout cakes, crunchy-topped cod, pasta shells florentine with Alfredo sauce, red potatoes, green and yellow beans, sourdough rolls, "Ships Ahoy" marble cakes, Clamato juice, and coffee. The cost is \$6 per person. To ensure seating, purchase your tickets and make reserved table arrangements at the Memorial Union Manager's Office. Walk-in customers will be served if seating is available.

Butvilas donates \$100,000

Submitted by the News Bureau

George and Barbara Butvilas of

Houghton have established a deferred gift annuity in the amount of \$100,000 to Michigan Tech's Leaders for Innovation capital campaign.

"One of the things that really impressed me is the type of research that is going on at Michigan Tech—and I mean some groundbreaking research," George Butvilas said. "That, coupled with the University's prominence here in the Copper Country, makes me believe that this gift will provide a payoff in the future for local people and, in general, for the state of Michigan. I think it is a wise investment."

George and Barbara moved to the Copper Country in 1990 when he was named president of D&N Bank. He was named CEO of D&N Bank in 1991 and CEO of the D&N Corporation in 1992. After D&N and Republic Bancorp merged in July 1999, he was named director and vice chairman of the Board of Republic and president and CEO of D&N.

"We're especially grateful for this gift from George and Barbara Butvilas because it is such an excellent example of local community leaders who believe in the kind of programs our University provides and who are willing to help us meet our capital campaign goals," said President **Curt Tompkins**.

During his tenure at D&N, Butvilas has been a strong supporter of Michigan Tech, and the bank has donated more than \$213,000 toward various MTU projects during that span. Butvilas is a Michigan Tech Fund trustee and a member of the Presidents Club and also serves on the MTU Community Advisory Council and the Advisory Board of the Applied Portfolio Management Program in the School of Business and Economics. He graduated from the Harvard University Graduate School of Business, received an MBA from the Illinois Institute of Technology, and earned his bachelor's degree

MichiganTech

Bill Curnow, executive director, University Relations
Marcia Goodrich, *Tech Topics* editor

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- By e-mail to ttopics@mtu.edu
- By campus mail, send typed copies to *Tech Topics*, University Relations.

Each week, the deadline for submitting information is **Friday at 5:00 p.m.** for publication the following Friday.

The scholarship of teaching

Center for Teaching, Learning,
and Faculty Development

By *William Kennedy, director*



The Carnegie Foundation for the Advancement of Teaching, under the direction of the late Ernest Boyer, prof-
ferred a model of faculty productivity and excellence built around an expanded notion of scholarship. In 1990, Boyer argued that the academy was already engaging and valuing a wide range of scholarly endeavors that went beyond the narrow range of activities brought to mind by the term "research."

In "Scholarship Reconsidered: Priorities of the Professoriate," Boyer defined the range of scholarship as falling into four areas: the scholarship of discovery (advancing disciplinary understandings), the scholarship of integration (integrating, interpreting, and more fully establishing new disciplinary understandings into the broader intellectual fabric of the academy), the scholarship of application (learning through the scholarly application of newly discovered understandings), and the scholarship of teaching (the scholarly study and advancement of instruction).

Boyer's successors maintain that this broader range of scholarly activities can be assessed using the same measures brought to traditional research: clarity of and significance of goals, adequate preparation and understanding of the field, use of appropriate methods, significant results, effective presentation (peer acceptance), and reflective critique. Lee Shulman, president of the Carnegie Foundation, puts it more bluntly, saying that for an "activity to be designated as scholarship it should manifest at least

*http://www.carnegiefoundation.org/AboutUs/Presidents_Message.htm

three key characteristics: it should be public, susceptible to critical review and evaluation, and accessible for exchange and use by other members of one's scholarly community."*

A broader range of scholarly activities has taken firm root at Cal Poly, the University of Michigan, the University of Minnesota, the University of Wisconsin system, Notre Dame, the University of Massachusetts, and at dozens of other institutions participating in the Carnegie Teaching Academy Campus Conversations program.

The good news at MTU is that many of our faculty members are already engaged in scholarly activities related to the improvement of instruction. Associate Professor **Sonia Goltz**, from the SBE faculty, pointed out that several other MTU faculty members are pursuing instructional research. She suggested, and I heartily concur, that the MTU Center for Teaching, Learning, and Faculty Development should collect and highlight the contributions of these teacher/scholars.

If you have been involved in the scholarly pursuit of knowledge related to the improvement of instruction over the last five years, or are currently involved in a related project, please provide me with an abstract of your work. I am especially interested in grants, publications, conference presentations, proceedings, and workshops related to instruction. We will gather these materials up and see that they are disseminated to interested on- and off-campus constituencies. You can e-mail the material to wkennedy@mtu.edu or send it to the Center for Teaching, Learning, and Faculty Development via campus mail.

UWC offering \$1,000 scholarship

A \$1,000 University Women's Club Endowed Scholarship will be awarded this spring by the UWC.

The scholarship will be available for the 2000–01 academic year. Applicants must be full-time, female students at Michigan Tech with a minimum GPA of 2.75 who are currently in their freshman, sophomore, or junior year and carrying a minimum credit load of 12 credits. The applicants' leadership, extracurricular student activities, and/or community service within the past three years will be considered, as well as their financial need.

Applications are available at the Financial Aid Office. The deadline for submitting applications is March 15. For more information, contact Marie Ryding, Financial Aid Office, 487-2622.

T-shirts on sale to benefit the Fishbowl

The Computer Aided Engineering Lab (CAEL), better known as the Fishbowl, is selling T-shirts to benefit its programs. The front of the shirt has a fish, and the back has equations familiar to ME-EM students (or anyone else taking advanced math).

They come in both gray and white. The cost for short-sleeved, sizes medium to extra large, is \$12, and \$14 for 2Xlarge. Long-sleeved shirts are \$15 for sizes up to Xlarge and \$17 for 2Xlarge.

T-shirts can be purchased from the CAEL Partners or in ME-EM 124. For more information, contact Margaret Landsparger, margaret@mtu.edu

Hellawell receives Bruce Chalmers Award

Professor Emeritus **Angus Hellawell** (MME) has been chosen to receive the 2000 Bruce Chalmers Award from The Minerals, Metals & Materials Society (TMS).

This society-level award honors an individual who has made outstanding contributions to the science and technology of solidification science. Hellawell is recognized for his contributions to the understanding of grain refinement, eutectic modification, and macro-segregation.

He earned his BA in Chemistry in 1953 and his DPhil in Physical Sciences, both from Oxford University. Before coming to Michigan Tech in 1980, he taught at Oxford and the University of Wisconsin–Milwaukee. Hellawell has published work in numerous journals, including *Proceedings of the Royal Society* and *Scientific American*.

The Chalmers Award will be presented at the 2000 TMS Annual Meeting and Exhibition, held March 12–16 in Nashville, Tennessee.

Staff luncheons starting next month

President **Curt Tompkins** and his wife, **Kathy Tompkins**, will be hosting luncheons at the University Residence for staff starting in March.

The luncheons provide an opportunity for staff to chat informally with the Tompkins, similar to the breakfasts that are held in the fall for faculty. Attendance is welcome but not mandatory.

Invitations are being sent to staff in the following departments: Center for Experimental Computation, Fine Arts, School of Forestry and Wood Products, Humanities, College of Sciences and Arts, Athletics, Auxiliary Services, Central Ticket Office, Gates Tennis Center, Golf Course, Physical Education, Recreation, Ski Hill, Student Development Complex, Tech Express, University Images, IMP, KRC, Metallurgical and Materials Engineering, Mining Engineering, Senate Office, Library, School of Technology, Campus Store, Daniell Heights, Lode, Memorial Union, Residential Services, Residence Life, and Undergraduate Student Government Office.

In print

Professor **Konrad J. Heuvers** (Mathematical Sciences) published the article "Another Logarithmic Functional Equation" in *Aequationes Math.*, Vol. 58 (1999).

Assistant Professor **Sarah Green** (Chemistry) and Elise Ralph (University of Minnesota Great Lakes Observatory) coauthored an article on KITES, "Current Beneath the Waves," in the February-March edition of *Lake Superior Magazine*.

Winter Ecology Institute: Science in the snow

Mary Hindelang's credentials for coordinating last weekend's Winter Ecology Institute are hard to argue with.

"My original PhD thesis was on moose bones, and I spent four winters on Isle Royale; you have to learn a lot of survival techniques," she said. Then, as if that weren't enough, she adds, "I love the feeling of winter."

On February 11–12 at the Ford Forestry Center, Hindelang and several other instructors from MTU and the community hosted about twenty K-12 teachers from throughout the western Upper Peninsula in this twenty-four-hour outdoor workshop. They covered everything from snow huts and winter stars to animal tracks and winter socks. The idea was to give Winter Ecology Institute participants nifty new topics and activities, such as building a quinzee, to spark up their science curricula.

Quinzees are domed tents made of snow; they were originally constructed by native peoples in North American boreal forests. Taking advantage of the properties of snow, the small structures quickly become self-supporting and provide superb insulation from the weather. No matter how cold it is, the temperature inside rarely drops more than a few degrees below freezing.

Packed with teachers, the inside-quinzee temperature rose to 45 degrees Fahrenheit. It got a little cooler later that Friday night, when a couple of institute participants opted to sleep outside; by local reckoning, the pre-dawn temperature slid to well below zero. Nevertheless, the two survived the coldest night of the year (so far) without requiring emergency treatment for hypothermia.

Quinzee-building is more than a lesson in winter survival, Hindelang says. Whole classes of students can troop out to a high school football field, learn about the physics and chemistry of snow, keep a journal, and gain an understanding of how other cultures cope with winter. And there are also the ever-popular impromptu snowball fights. As a science lesson, "It's always a big hit," she said.

The institute featured another thermal exercise, surrounding containers of body-temperature water in various fabrics to determine which would keep feet the warmest. Disputing traditional wisdom, fleece edged out wool. "The experiment wasn't tremendously controlled," Hindelang admitted. "Wool was right behind fleece. But cotton was pitifully cold."

The biggest eye-opener of the workshop may have been the realization that, quiet and cold notwithstanding, plenty is going on in the winter woods. Near a road-kill deer carcass, participants saw wing marks left in the snow by ravens and bald eagles and paw-

prints from small mammals. They got an introduction to the subnivean (under-snow) world, pried beetles from bark, and learned why ermines have that black tip on their tails. Instructors explained how frogs make it through winter (some turn into froggy popsi-cles) and compared the deep-snow survival strategies of wolves and moose.

The Winter Ecology Institute is part of the Educators' Science and Mathematics Institute Series, which supports a statewide effort to boost K-12 math and science education. The series is coordinated by Hindelang, a lecturer in the Department of Education and an adjunct assistant professor in the School of Forestry and Wood Products, and funded through the Eisenhower Higher Education Grant Program. The sponsors are MTU, the Department of Education, Educational Opportunity, and the Copper Country Intermediate School District Mathematics and Science Satellite Center.

"It was a pretty intensive twenty-four hours," said Hancock High School biology teacher Kristin Schourek, who attended the institute. "It gave me a greater appreciation for what's going on that allows critters to survive the winter. They gave us a lot of hands-on activities that we can take back and use with our students."

"I'm a native of the area, and there was a lot of new information to me," she added. "The institute series is absolutely wonderful, very user friendly and relevant. I commend the education department for providing this wonderful series for us."

"It was great," said Tony Schwaller, a freshman science teacher at Calumet High School. "What we covered was really useful, both for myself and for use in class."

As for the quinzee-building project, Schwaller is organizing a similar workshop for his class. A winter-camping veteran, he'd never thought of getting his students involved until the Winter Ecology Institute. "I liked that idea so much," he said. "I hope it's run again."

The next Winter Ecology Institute is still a twinkle in Hindelang's eye. But a new series of summer institutes is planned for next June: Ecology of Isle Royale, Using Scientific Knowledge in Life Sciences, Using Scientific Knowledge in Physical Sciences, and Geology of Utah's National Parks.

Hindelang sees the series as a tool to build a network of relationships throughout the local educational community. Since the institutes began last summer, local K-12 teachers have stayed in contact with presenters on the Michigan Tech faculty, asking for advice and inviting them speak to their classes. And, while all the teachers gain from the exchange, the ultimate beneficiaries are their students.

News you can use

Winter gasoline safety

According to the American Petroleum Institute, a rare but potentially dangerous set of circumstances could cause fuel to ignite when you gas up your vehicle, especially in winter.

During cold, dry weather, static electricity can build up when you reenter your vehicle during refueling. If you return from your vehicle interior to remove the filling nozzle without discharging the static buildup, in rare circumstances a brief flash fire could occur at the filling point if the static discharges and the spark ignites gasoline vapors around the fill spout.

To avoid this potential problem, stay near the vehicle's fueling point. Do not get back into your vehicle during refueling, even when using the nozzle's automatic hold-open latch. If you must reenter your vehicle, discharge the static electricity buildup when you get out by touching the outside metal portion of your vehicle away from the filling point before removing the nozzle.

If a flash fire occurs during refueling, leave the nozzle in the vehicle and back away. Notify the station attendant at once so that all dispensing devices and pumps can be shut off with emergency controls. If the facility is unattended, use the emergency intercom to summon help and the emergency shutdown button to shut off the pump.

Here are additional safety guidelines on vehicle refueling and gasoline safety:

- Always turn the engine off while refueling.
- Never smoke, light matches, or use lighters while refueling.
- To avoid gasoline spills, do not over fill or top off your vehicle fuel tank.
- Use only the hold-open latch provided on the gasoline pump. Never jam or force the hold-open latch open by using another object such as the gas cap.
- When dispensing gasoline into a portable gasoline can, use only an approved container. Always place the container on the ground and keep the pump nozzle in contact with the container when refueling to avoid a static electricity ignition of fuel vapors. Containers should never be filled inside a vehicle, in the trunk, on the bed of a pickup truck, on a flat bed, or on the floor of a trailer.
- Always treat gasoline as an explosive substance, no matter what the weather. Flammable vapors are given off at temperatures colder than 40 degrees below zero Fahrenheit.
- Gasoline vapor is heavier than air, so watch for vapor buildup at ground level or low spots.
- Never store or use gasoline inside your home under any circumstances.

More guidelines on fuel safety are available at <http://www.api.org/consumer>.

Introducing Michigan Tech online tickets

Submitted by University Cultural Enrichment

The next time you want to purchase tickets for athletic events or performances at Michigan Tech quickly and easily, go to <http://www.tickets.mtu.edu>. You'll be just a few clicks away from an exciting evening of entertainment. Our new online box office is open whenever you log in, day or night.

The first patrons to discover and use this new outlet were **David** (Center for Experimental Computation) and **Katie Torrey** (fourth-year student in chemical engineering). Not only were they the first patrons to purchase online tickets, but they also took advantage of the new, online, early-purchase option for Great Events Series and fine arts events—the purchase of tickets that are not yet available to window and phone patrons. The Torreys, for example, got great seats for the March 25 performance by the hypnotist Fred Winters. Tickets for this performance will not be available from other ticket outlets until March 7, and it's a show that often sells out. In recognition for being the first Web patrons, the Performing Arts Ticket Center presented the Torreys with a plaque and a

Great Events Series gift certificate outside the box office in the soon-to-be-completed lobby of the new Rozsa Center for the Performing Arts. This office will be the new home of the Performing Arts Ticket Center.

The Performing Arts Ticket Center and the SDC Central Ticket Office have been planning the move to online ticketing for some time. "As we prepare to move into the Rozsa Center, we are excited that this new technology is making it easier for students, faculty, staff, and community members to attend performances," says **Kelly Thomas**, Performing Arts Ticket Center coordinator. "By going to <http://www.tickets.mtu.edu>, patrons may now reserve exact seating locations and pay for tickets without ever leaving their desks or picking up the phone. They may also leave specific instructions for the box office such as 'please mail my tickets.'"

Tickets are available at this site thanks to a new technology from Tickets.com that links the Michigan Tech box office inventory directly to the Internet in real time. For more information, call the Performing Arts Ticket Center (487-3200).

MTU Archives announces research travel awards

The MTU Archives and Copper Country Historical Collections has awarded two \$500 grants to help cover the expenses of researchers using the collections.

Donna Zimmerman, an associate lecturer at the University of Wisconsin–Stevens Point, will use her grant to support her graduate research project on the evolution of mining company locations in the Copper Country. Zimmerman is focusing on Hecla Location, an area of Calumet Township bordered by US-41 and the Village of Laurium, which contains houses originally built by the Calumet & Hecla Mining Company.

The second grant was awarded to Lisa Wilson, a doctoral student in the Department of Sociology at the University of Wisconsin–Madison, to support her research into so-called "resurgent mining communities." Resurgent communities are those in which new mining facilities opened at or near the site of older mining operations. Wilson plans to compare several such mining communities around the United States, including the mine and town of White Pine in Ontonagon County.

The travel award program is funded by the Friends of the Van Pelt Library. For further information about the awards program or about the collections of the MTU Archives, call 487-2505.

Kearly named associate head football coach

Tom Kearly, who spent the last sixteen seasons coaching football at Central Michigan University, has been named associate head football coach/offensive coordinator.

"I can't tell you how excited I am to have Tom on our staff," said head coach **Bernie Anderson**. "Tom brings such a wealth of knowledge with him and will also offer a new perspective to the offense."

Kearly began his coaching career in 1979 as a student assistant at Winona State University, in Minnesota. He then spent the 1980 season as the defensive secondary coach at Michigan Tech before moving on to Central Michigan.

A native of Hancock, Kearly earned his BS from Winona State in 1980 and a master's degree in athletic administration from Central Michigan in 1982.

Kearly, who will also teach physical education at MTU, will begin his duties on June 1.

No Tech Topics next week

No *Tech Topics* will be published next week. We resume publication the week of March 3.

Proposals in progress

Investigators, their proposals, and their potential sponsors are

- **Donna Michalek and John Sutherland** (ME-EM), "Investigation of a Kinematic Coagulation Mechanism to Improve Air Quality in Machining Environments," NSF
- **Alex Mayer, Gregg Bluth, Judy Budd, John Gierke, Jackie Huntoon, Wayne Pennington, William Rose, and Jim Wood** (Geological Engineering and Sciences), "Fellowship Program for Computational Geological Sciences and Engineering," US Department of Education
- **Song-Lin Yang** (ME-EM), "Numerical Study of Low-Emission Gas Turbine Combustor Concepts (Phase III)," NASA GRC
- **William Rose, Gregg Bluth, and John Gierke** (Geological Engineering and Sciences), "Processes within Volcanic Clouds," NSF
- **Bruce Stribling** (Electrical Engineering), "Maui Space Surveillance System Intergovernmental Personnel Act," DOD/Air Force
- **Komar Kawatra and Timothy Eisele** (MME), "Development of a Novel Process for Removal of Carbon Dioxide from Flue Gas," US DOE
- **Nancy Auer** (Biological Sciences), "Habitat Selection and Dispersal of Juvenile L. Sturgeon," National Heritage Grants
- **James P. Cross** (International Education) and **Alex Mayer** (Geological Engineering and Sciences), "AQUA North American Alliance for Sustainable Water Resources Management," Department of Education FIPSE
- **David Watkins** (Civil and Environmental Engineering), "Educating Stakeholders for Involvement in Watershed Planning and Management," US EPA

POSITIONS AVAILABLE AT MTU

Job descriptions will be available at 1:00 p.m. on Friday, or by e-mail at <JOBS@MTU.EDU>.

The following positions will be posted Friday, February 18, 2000, at 1:00 p.m. through noon, Friday, February 25, 2000, in the Human Resources Office.

Stores Clerk—Memorial Union (AFSCME internal and external posting; regular, full-time, nine-month position)
Office Assistant N5—Office of Student Affairs (UAW internal posting)
Assistant Director of Athletic Communications and Marketing—Athletic Communications and Marketing

University employees are reminded to apply in writing prior to noon, Friday, February 25, 2000, to be considered as internal candidates for bargaining unit positions only. Applicants from the recall pool will be given first consideration for non-bargaining-unit positions only. Vacancy announcements are normally posted every Friday at 1:00 p.m. in the Human Resources Office. Complete job descriptions are available in the Human Resources Office or by calling 487-2280. More information regarding employment opportunities is available by calling the Job Line at 487-2895. Michigan Technological University is an equal opportunity educational institution/equal opportunity employer.

Computer classes

The following computer training workshops will be offered at dL Education Center during March. All registrations must be handled through the CPDQI office (487-2416 or rwchrist@mtu.edu). When you reserve a space, please include the account number to be interaccount billed for the session. Your confirmation will be e-mailed to you. The cost of half-day sessions is \$60. Full-day sessions are \$120. If you have any questions, call 487-2416.

- Access level 1, Fri., March 3, 9 a.m.–noon
- Access level 2, Fri., March 10, 9 a.m.–noon
- Access level 3, Fri., March 17, 9 a.m.–noon
- Excel level 1, Thurs., March 9, 9 a.m.–noon
- Excel level 2, Thurs., March 9, 1–4 p.m.
- HTML, Thurs., March 23, 9 a.m.–4 p.m.
- PowerPoint, Thurs., March 30, 9 a.m.–4 p.m.
- Windows level 1, Thurs., March 2, 9 a.m.–noon
- Windows level 2, Thurs., March 2, 1–4 p.m.
- Word level 1, Thurs., March 16, 9 a.m.–noon
- Word level 2, Thurs., March 16, 1–4 p.m.

StatueCam

Continued from page 1

Certainly we'll do it for Carnival next year.

"Also, I'm thinking of other places to put it. Maybe we'll move it around every few months."

Until then, for some Keystone-Cops-style entertainment, you can watch MPEG movies of the Sig Eps' award-winning statue going up at <http://www.admin.mtu.edu/sas/webcam/movie.shtml>, where, with 48,134 visitors since January 17, the hits just keep on coming.

New staff

Stephen William Stackhouse has joined the Corporate Services staff as manager of corporate partnerships. He was previously marketing coordinator for the Western Upper Peninsula Planning and Development Region and has been employed by UPPCO in customer service. Stackhouse has associate degrees in electrical engineering technology and electromechanical engineering technology, and bachelor's degrees in business administration and electrical engineering, all from Michigan Tech. He is married to Susan Stackhouse, has two children, Scott and Sarah, and lives in Houghton. Stackhouse enjoys fishing and is a member of Ducks Unlimited.

Joyell S. Abbott has joined the Design and Publication Services staff as a graphic illustrator-designer. She was previously a graphic designer at the John Deere Product Engineering Center and has a BA in Graphic Design from the University of Northern Iowa. Abbott lives in Houghton.

February

Black History Month

18 Friday

2:00-4:00 p.m.—Reception for Robert Mount and Don Daavettia—Physics Conference Room

6:00/8:30/11:00 p.m.—Film Board Movie: *Bone Collector*—Fisher 135

7:35 p.m.—Hockey, Minnesota at MTU—MacInnes Student Ice Arena

8:00 p.m.—Jazz bands, "Jazz, the First 100 Years"—University Theatre

19 Saturday

7:05 p.m.—Hockey, Minnesota at MTU—MacInnes Student Ice Arena

8:00 p.m.—Jazz bands, "Jazz, the First 100 Years"—University Theatre

21 Monday

noon p.m.—Strategic Planning Town Meeting with staff—Memorial Union 105

23 Wednesday

9:00–11:00 a.m.—Capital Campaign brunch reception for faculty and staff—Memorial Union Ballroom

26 Saturday

10:00 a.m.–5:00 p.m.—Family Fun Day—SDC, Memorial Union

28 Monday

1:30 p.m.—Strategic Planning meeting with Staff Council—Memorial Union 105

March

National Women's Month

6 Monday

noon—Strategic Planning meeting with staff—Memorial Union Ballroom A

7 Tuesday

11:30 a.m.—Catch of the Day Spring Luncheon—Memorial Union Ballroom

4:00 p.m.—Strategic Planning meeting with faculty—Memorial Union 105