

February 14, 1997

*The best way  
to keep your  
heart alive is to be  
unafraid to use it.*

—Nike Advertisement

Vol. XXIX, No. 21

## Robert Thompson joins Board of Control

**Robert Thompson**, the former president of the Michigan Road Builders Association, has been appointed by Governor **John Engler** to the Board of Control.

"Bob has been at the helm of a successful Michigan company for more than thirty-five years, and in that time has developed outstanding leadership qualities," Engler said. "Michigan Tech will benefit greatly from his presence on the Board."

President **Curt Tompkins** agreed. "We're very pleased to have a person of Bob Thompson's insights and abilities on the Board of Control," he said. "He's been a great friend of the University. And, as leader of one of Michigan's largest road-building firms, he'll bring an important perspective to the Board's deliberations."

Thompson replaces former Board Member **Denice Logan**, whose term expired December 31. His eight-year term will end December 31, 2004.

Thompson, of Plymouth, founded Thompson-McCully Construction Company in 1959. The road-paving company produces its own asphalt and generated approximately \$160 million in business in 1994. He chaired the National Asphalt Paving Association in 1994 and served on the board of directors of Comerica Bank during 1977-89.

Thompson, an industrial arts graduate of Bowling Green State University, served as a fighter pilot in the U.S. Air Force in the late 1950s before starting his business. He first became aware of Michigan Tech through one of the company's senior employees, an MTU graduate. "Tech graduates are strong people, hard workers, and very talented," he said. "We are in a basic industry, and we respect that kind of person."

Since then, Thompson has hired many MTU graduates. "They are premium people," he said. "Students don't go to Michigan Tech to fool around; they go there for an education. The work ethic you bring out in those young people is outstanding, and it's a great opportunity for me to be part of it, and maybe have a positive influence on the University's future."

Thompson contributed to the Partnering with the Future Campaign organized by the Department of Civil and Environmental Engineering. His gift was earmarked to upgrade the department's asphalt and concrete lab. "He's a top-flight fellow, and he thinks a lot of Michigan Tech and the civil engineers Tech produces," department Chair **Robert Bailiod** said.

Thompson and Herman Gundlach, of Houghton, as non-alumni, are the only two honorary members inducted into the department's forty-plus-member academy.

Thompson comes to Michigan Tech with no agenda other than the betterment of the University.

"First of all, I have to learn, and it will take some time to get comfortable," he said. "I just want to help foster an outstanding university and continue in that direction."

"I'm very thankful for the opportunity, and I hope to be an asset."

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## Staff Council: No new members for now

Staff Council opted February 10 not to appoint any new members to one-year terms. Instead, it agreed to the concept of appointing members for a limited time "for special circumstances or when a type of group of constituents and their expertise is beneficial for Staff Council's decisions."

The council had previously appointed members to increase representation, particularly among professional/administrative staff.

The council referred to committee a proposal that would allow the election committee to disqualify council candidates if the committee determined that "a hardship could occur that would be detrimental

to the University or a department, office, or work area, e.g., having two of three employees from the same office [serving on Staff Council]. . . "

### *In other business, Staff Council*

- heard from organizer **Glenn Ekdahl** (Wadsworth Hall) that Family Fun Day has been set for Saturday, March 8.
- discussed a recent clarification of the University's Weather Advisory Policy, and agreed to ask Provost **Fred Dobney** to talk about why the policy is applied differently to exempt and nonexempt staff.

## Coach Kaminski leaving for Northeastern

*Submitted by David Fischer, director, athletic communications*

**Mary Kaminski**, the all-time winningest volleyball coach in Michigan Tech history, is resigning from her position effective February 28 to accept the women's volleyball head coaching job at Northeastern University in Boston, according to Athletic Director **Rick Yeo**.

Kaminski compiled a 258-204 overall record in thirteen years at the helm of the MTU program. The 1994 Tachikara/American Volleyball Coaches Association National Division II Coach of the Year led the Huskies to NCAA Tournament appearances in each of the last four seasons.

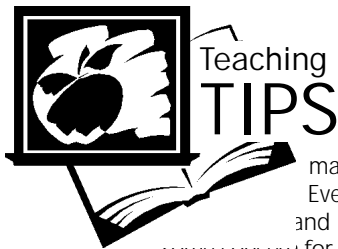
A two-time Great Lakes Intercollegiate Athletic Conference Coach of the Year, Kaminski guided the Huskies to a 112-86 GLIAC record in her tenure, including one conference title and an upper-division finish in the league seven of the last eight seasons.

"Not only did Mary bring our program into national prominence, but she also was the driving force behind development of volleyball in the area, including the high school programs and beach volleyball," Yeo said. "She deserves a great deal of credit for all the work she's done. Not only does Michigan Tech lose an outstanding person in Mary, but so does the community. We wish her well and know she will do an outstanding job at Northeastern."

## Overcoming anonymity in huge classes

by William Kennedy, director

Center for Teaching, Learning,  
and Faculty Development



SOME CONCERN

Unless we adopt special teaching strategies, large class sections can breed a feeling of anonymity and isolation for a large percentage of our students. Techniques commonly used to encourage interaction and engagement in smaller classes, such as extended discussions, may fail to involve the majority of students in large classes because of time constraints and students' natural hesitancy to ask questions or make comments in front of so many strangers.

Everyone responds positively to personal attention. Students and may actually learn more from teachers who demonstrate

some concern for them as individual learners. Reece McGee, a Purdue University sociology prof known for successfully teaching large classes, encourages faculty to learn the names of as many students as they can. Some universities provide thumb-nail picture sheets with student names to assist in this process. In very large classes, learning the name of some of the students can have a "halo effect" on the other students' perception of the professor's accessibility and level of concern.

Some profs of large classes pass back exams during office hours to spend a few minutes with individual students (especially those who are struggling). Some profs arrive early outside the class and chat with students about the class as they arrive. Tech prof **Peck Cho** schedules special office hours in the Memorial Union when he anticipates high demand (before exams). Assistant Professor **Indrajith Wijayaratne** and many other Tech profs establish e-mail lists for each class they teach, which offers the benefit of sharing frequently asked questions and answers, study materials, class notes, and other information with the entire group. More and more Tech faculty are using Web pages to encourage student-to-student and student-to-professor interaction. The one-minute paper approach, discussed in the last Tech Teaching Tip, is another way to connect with students.

However we personalize our classes, successful teachers of large sections demonstrate through their actions, practices, and words that they care about their students and the quality of their individual learning experiences.

In future "Tech Teaching Tips," we'll explore other ways to use the Web to improve our teaching. Feel free to call the Center for Teaching, Learning, and Faculty Development at 487-2046 if you have questions about these ideas or anything else related to your teaching.

## Workshops on sexual harassment February 20, 21

Affirmative Action Officer **Sherry Kauppi** will present a workshop, "Sexual Harassment: What's That All About?" on Thursday, February 20, at 10:00 a.m., and again on Friday, February 21, at 1:30 p.m. in Memorial Union Ballroom 1.

Come to find out what the facts are and what all the fuss is about. Being harassed is no joke, and neither is being charged with sexual harassment. Whether you are a student, faculty member, or on staff, a U.S. citizen or foreigner, you owe it to yourself to learn more about this serious problem that disrupts both lives and the workplace.

The one-hour presentation will be followed by a question-and-answer session. All members of the University community are invited, and refreshments will be served. For more information about the presentations or harassment issues on campus, contact Affirmative Programs at 487-3310.

## TECH TOPICS

is published weekly by

### University Relations

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Information to be included in *Tech Topics* should be submitted to the *Tech Topics* editor in one of the following ways:

- By e-mail to [ttopics@mtu.edu](mailto: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.

Our URL is <http://www.sas.it.mtu.edu/ucs/ttopics/index.html>

## UWC to give \$500 scholarship

The University Women's Club will award a \$500 scholarship for the 1997-98 academic year at its spring meeting.

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, carrying a minimum of 12 credits. Applicants should have demonstrated leadership, contributed to extracurricular student activities, and/or volunteered in the community within the past three years. Financial need will be a consideration. The scholarship may be used for tuition, room and board, or books.

Applications may be picked up at the Financial Aid Office, Administration/Student Services 160. The application deadline is March 31. For more information, contact Marie Ryding at 487-2622, or Ruth Freyberger, 482-5189.

## Direct loans coming to MTU

Starting next fall, MTU students will be able to apply for their federally backed Stafford loans at Michigan Tech.

Under the new Direct Loan process, students will not have to go to an outside lending institution, such as a bank or credit union, to get their Stafford loans. They can apply at MTU, which will receive the loan funds directly from the U.S. government. The only paperwork students will need is a FAFSA—Free Application for Federal Student Aid.

Stafford loans are typically the largest single component of most students' financial aid packages and may be used to fund any expenses related to their education. Freshmen may borrow up to \$2,625; the ceiling is \$3,500 for sophomores and \$5,500 for juniors and seniors.

The Direct Loan program also allows students to choose from different repayment options. In addition to the standard repayment schedule, they may use an extended payment plan, a graduated payment plan (in which payments start low and then increase), or an income contingent option (based on a percentage of their income not to exceed 20 percent).

"The Direct Loan program has worked very well at other universities and we're pleased we can offer it at Michigan Tech," Financial Aid Officer **Lynn Watts** said.

## MTU notables

Associate Professor **Peck Cho** (ME-EM) has received an Outstanding Teaching Award from the American Society of Engineering Education (ASEE).

Cho was chosen from among faculty in ASEE's North Midwest Section, one of the organization's ten regions. He was nominated by MTU faculty based on his excellence in the classroom and his commitment to promoting quality teaching, according to Associate Professor **Robert Zulinski** (electrical engineering), the ASEE campus representative.

"A group of us thought he'd be perfect for the teaching award," Zulinski said. In addition to receiving the MTU Distinguished Teaching Award twice, Cho has participated in many teaching-improvement programs on campus. He is active in teaching forums and is publishing a new book, *Engineering and Learning*.

## Florida Loc. coal-tar mess presentation on February 18

A presentation on the Florida Location coal-tar pollution problem will be held on Tuesday, February 18, at 7:00-8:00 p.m. in Fisher 138.

Students in Assistant Professor **Mary Durfee's** Environmental Decision Making Seminar (SS551-53) will review their study of the problem. A question-and-answer session will follow.

The graduate-level seminar, part of the new environmental policy master's program, allows students to apply public-policy theory to a real environmental problem. The Florida Location site, where a coal gas facility was located, is being considered for remediation by the state Department of Environmental Quality.

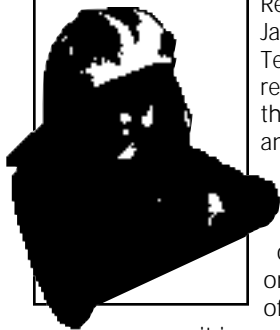
Everyone is invited, and refreshments will be served.

## Talk on cancer cell enzyme inhibitors February 21

Alex Bridges of Parke-Davis will speak on "The Synthesis of Polycyclic Heterocycles as Specific Inhibitors of Kinase Enzymes in Cancer Cells" on Friday, February 21, at 3:00 p.m. in Chemical Sciences and Engineering 102. His visit is sponsored by the chemistry department and everyone is invited.

### School days and nights:

#### Michigan Tech employees paying their "civic rent"



yes, it is worth it.

Professor **Brad Baltensperger** (social sciences) notes that anyone expecting to overhaul the system overnight, however, will be disappointed. "You don't get quick results when you try to change any institution," he said. But during the last eight years on the Houghton-Portage Township school board, Baltensperger has pushed for better foreign language instruction, and the effort is paying off. "We now have three years of two languages, daily language instruction in the fifth and sixth grades, and three language instructors when we used to have one," he said. "People who are interested in effective education ought to think about running for school board."

Training Specialist **Mark Kilpela** (technology), who has served about six years on the Adams Township school board, agrees that the experience can be gratifying. "It's a lot more than I expected, but it's also been rewarding, especially when the community came out so decisively in support of a new grade school," he said. And working for a smaller district has its rewards. "Here, the kids get to be like family—they don't fall through the cracks, which can happen in a larger district."

Personal history has propelled some MTU people to serve on school boards.

Director **Chris Anderson** (educational opportunity) once taught school and had her sights set on becoming an administrator. "I ran [for the school board] because I wanted to be involved in the decision making," she said. "There was no burning issue—I'm just interested in public education in general." And after ten years on the Houghton-Portage Township school board, she still enjoys the job. "Time flies when you are having fun," Anderson laughed.

**Dean Woodbeck** (advancement), director of alumni/advancement communications, is the son of two teachers. "I guess I've had it ingrained in

me that education is important and that parental involvement is important," said Woodbeck, who has served on the Hancock school board about two years. While serving on a committee investigating district consolidation, he was motivated to run for a seat. "I realized how much school boards need people who are willing to give some time and take an active part in trying to make the schools better."

For several Michigan Tech employees, it's not enough to put in eight hours a day (at least) at an institution of learning. They also spend an evening (at least) per month, plus who-knows-how-many hours on the side, helping to direct the Keweenaw's other public schools. As part of School Board Recognition Month—January—nine Michigan Tech employees were recently singled out for their service to children and the community. Yes, it is a lot of work, and sometimes it is frustrating. But serving on local school boards, as one says, is the equivalent of paying "civic rent." So

me that education is important and that parental involvement is important," said Woodbeck, who has served on the Hancock school board about two years. While serving on a committee investigating district consolidation, he was motivated to run for a seat. "I realized how much school boards need people who are willing to give some time and take an active part in trying to make the schools better."

Lecturer **Nels Christopherson** (ME-EM), who serves on three local boards, calls the effort "paying my civic rent."

"If we are able and capable to put something back into the community, we should," he said. "I got interested because I have kids in the Houghton school system, but I didn't get on the school board to do anything for them in particular."

In fact, serving on a school board can be a disadvantage for a parent—you can't go in and argue with your son's or daughter's teacher without appearing to abuse your position. "There are people on boards who do, and it becomes very obvious," Christopherson said. "I would never try to get my kids hired for the summer."

In addition to the Houghton post, Christopherson serves on the boards of the Portage Lake District Library Board and the Copper County Intermediate School District. "What I've really enjoyed is meeting all kinds of people who are doing the same thing and recognizing all the talents they can bring to the table," he said. "The old idea was that the doctors and lawyers and town fathers would serve on the board because they know better. The people I work with are from all walks of life, and that's important."

Executive Director of Enrollment Management **Joe Galetto** has served ten years on the Calumet-Laurium-Keweenaw board and has a vested interest in the system, with three children who are CLK alumni and having graduated from Calumet High himself. "And, I believe in public education, and I think that school boards can set the template for the direction they want their schools to go," he said. "Board members have more influence than they think when it comes to shaping what goes on in the school system."

Food Service Supervisor **Robert Hiltunen** (Wadsworth Hall) was appointed to the Osceola Township school board in September, after serving on a committee considering bonding for a new school. And Telecommunication Engineer **Rick Nye** (IT), with six children attending the Osceola schools, had a vested interest in seeing that the schools were providing a good education. "And I also felt some civic responsibility," he said. "It's a way to give to the community." Nye has served about four years on the board.

Accounting Services Director **Mike Abbott**, who has spent about four years on the Stanton Township school board, agrees, and considers the service a privilege.

"I get a chance to give something back, to do something for the school, and try to help the kids in the district," he said.

## Faculty development proposals sought

The Faculty Development Grant Committee seeks proposals for programs, activities, events, or projects that further the professional or personal development of faculty and/or GTAs/GRAs.

Proposals pertaining to a wide range of faculty development issues will be considered, including, but not limited to, instructional development, interdisciplinary efforts, service to the University community, and life of the professoriate issues. The maximum award for proposals with campus-wide benefit is \$3,000; departmental or school-based programs, \$1,500; and individual projects; \$500. Matching funds are not mandatory but are desirable. The deadline for submitting proposals is March 10. All faculty and GTAs/GRAs are eligible to apply. If you're interested, call the Center for Teaching, Learning, and Faculty Development at 487-2046.

## Companies coming

Representatives from the following employers will be recruiting on campus next week. If you'd like to meet with any of them, call the Career Center, 487-2313.

- Monday, February 17: Digidox/Engineering, Fort Howard
- Tuesday, February 18: American National Can/Plastics Division, Caterpillar, E & V Construction Managers (co-op), Rockwell International, USG Interiors
- Wednesday, February 19: Caterpillar, The Manitowoc Company, Inc., Marshfield Clinic, National Steel/Great Lakes Steel Division, Western Digital/Enterprise Storage
- Thursday, February 20: Black & Veatch, G.E. Motors (co-op), Lockheed Martin Federal Systems, North Star Steel (Cargill), Western Digital/Enterprise Storage
- Friday, February 21: Circuit Controls Corp., Diecast Corp, North Star Steel (Cargill), X-Rite (co-op)

## Family Fun Day!

Saturday, March 8  
10:00 a.m. to 5:00 p.m.

ACTIVITIES! PRIZES! FUN! FOOD!  
**For your family!**

Brought to you by  
Staff Council, SDC, MUB  
Stay tuned for more information!

## In print

Associate Professors **Ibrahim Miskioglu** and **David Nelson** (ME-EM) and former graduate student **Gregory Leece** (Electro-Wire Products) published "An Experimental Investigation of the Effects of Cycling Frequency and Temperature on the Fatigue Life of 60 Tin/40 Lead Solder" in the December 1996 edition of the *ASME Journal of Electronic Packaging*, Vol. 118, No. 4.

Assistant Professor **Douglas Swenson** (MME), along with coauthors D. Y. Chen and Y. A. Chang (University of Wisconsin at Madison), published a paper, "Thermally Stable Pdlm Ohmic Contacts to n-GaAs via an Exchange Mechanism," in the January 1 issue of the *Journal of Applied Physics*. With coauthor B. Morosin (Sandia National Laboratories), he published "On the Preparation and Crystal Structure of a New Form of PtGa<sub>2</sub>," in the October 15 issue of the *Journal of Alloys and Compounds*, Vol. 243.

## Tech Tea: Gill speaks on Morgan Freeman

Submitted by University Cultural Enrichment

Associate Professor **Glenda Gill** (humanities) is the guest at Tech Tea Time at 4:00 p.m. on Wednesday, February 19, in the Memorial Union Alumni Lounge. Her presentation, "Advanced Dementia": Morgan Freeman and Non-Traditional Roles," is sponsored by the MTU Black Students Association and is one of a series of events celebrating Black History Month.

Gill's presentation will highlight the struggles and achievements of actor Morgan Freeman as a representative of a number of African-American actors in their triumphs and tragedies. She will examine the critical and audience reception of Freeman's nontraditional work, but will also speak on those roles more native to his heritage, including his favorite roles, that of Fast Black in the movie *Street Smart* and Red, a prisoner in *The Shawshank Redemption*.

Actors of color have routinely been stereotyped, Gill says. "However, Morgan Freeman, perhaps more than any other contemporary African-American actor, has played nontraditional roles." Freeman has performed five Shakespearian characters, including the title roles in *Coriolanus*

and *Othello*.

Gill has published in the field of theater history for the last twenty-two years. She teaches Shakespeare and other humanities classes, serves on national and international theater conferences and seminars, and chronicles the struggles and achievements of African-Americans in the performing arts. In November, Gill will attend the annual convention of the American Society for Theatre Research in San Antonio to lead the seminar "The Politics of African-American Theatrical Productions: 1875-1996" and speak on Freeman. Recently Gill traveled to Freeman's farm in Charleston, Mississippi, for an interview. David Krasner, director of undergraduate studies in theatre at Yale University, and Harry Elam at Stanford University, have invited Gill to contribute her essay on Freeman for their book *A Critical Anthology on African American Performance and Theater History*.

Tech Tea Time is coordinated by the University Cultural Enrichment Department and is free and open to the public. Call 487-2844 for further information.

## New phone number for Tech Fund Accounting

If you call the Michigan Tech Fund for information about your accounts, please use their new phone number: 487-1930. This includes calls to Lorraine Konosky, Linda Bilich, Ann Warrington, Stacey Donnelly, Gail Neber, and Terry Pelto.

Please mark your directory with this new number: 487-1930.

## Two jazz films



The Semeion Film Society is showing weekly jazz films this February, marking Black History Month. They are held Fridays, at 6:30 p.m. in Walker 134, and discussions follow each showing. All films are free and everyone's invited.

*Mo' Better Blues* will be shown February 21, with *Kansas City* on February 28.

The following commentary is submitted by PhD student **Ed Hancock** (humanities), host of the jazz film series.

***Mo' Better Blues*** (1990), February 21

Yes, it is an entertaining, tragic, hilarious, sexy, exquisitely photographed, masterfully acted film. But the importance of Spike Lee's *Mo' Better Blues* is as a jazz film.

Until *Mo' Better Blues*, few, if any, of the dozens of jazz films have approached the subject with any degree of understanding, sensitivity, creativity, and respect. Here we see the jazz musician as intelligent, studious, hardworking, drug free, and successful. A man who has traveled the world, gets paid, and creates employment for his band members and wealth for his white club owners.

It seems like such a simple thing to portray a Black man as a whole, loving, learning human being. So why has it taken ninety years of film to see such a character?

But the real star of *Mo' Better Blues* is the music—jazz, America's gift to the world. According to Black film historian Donald Bogle, Lee "... responds to jazz's rhythms, moods and textures."

Growing up in the house of his father, acclaimed jazz composer Bill Lee, Spike Lee is well qualified to penetrate the subtle intricacies of the Black classical music called jazz. Lee said, "I always knew I would do a movie about the music. When I say the music, I'm talking about jazz."

***Kansas City*** (1996), February 28

*Kansas City*, Robert Altman's latest, leads to a club on 16th where jazz greats like Coleman Hawkins and Lester Young fight extended saxophone battles. Here, as in *Nashville*, the movie that twenty-one years ago cemented Altman's reputation as an original, the director aims for a tapestry effect.

Harry Belafonte is the bitter, brutal, deeply cynical crime boss, a man who has felt the sting of racism and decided to sting back in his own way. Jazz sensations of today (Joshua Redman, Detroit's James Carter, and Geri Allen) play the jazz legends of yesterday.

## Chamber Chorus to present Valentine's concert

Submitted by the Department of Fine Arts

The Michigan Tech Chamber Chorus, conducted by **Milton Olsson**, presents "The Many Moods of Love: Songs of Love and Heartbreak from the Renaissance to Broadway" on Sunday, February 16, at 7:00 p.m. in Walker Theatre.

Featuring a wide range of emotions and musical styles, "Many Moods of Love" is a Valentine's program that will appeal to everyone who has ever been or ever will be in love. Songs by Puccini, Lerner and Loewe, Rogers and Hammerstein, Jerome Kern, Cole Porter, and Francis Poulenc will showcase soloists **Susan Byykkonen**, **Cheryl Richardson**, **Martha Hill**, **Emilie Krzrnarich**, **Matt Wright**, **Karen Bell-Hanson**, **David Bezotte**, and **Trudy Olsson**. The program includes madrigals by John Wilbye and 20th-century composer Emma Lou Diemer, as well as George Shearing's setting of poems by Shakespeare.

From the "Lovesong Waltzes" of Brahms to the dramatic expressionism of Carlo Gesualdo, from lush arrangements of popular ballads to songs from the Broadway stage, this concert is sure to delight the ears and move the emotions.

Assistant director **Scott Veenstra** will lead the men of the chorus in "Black Is the Color of My True Love's Hair" and Haydn's "Maiden Fair, O Deign to Tell," as they sing the roles of both suitor and father. The concert will also introduce the Chamber Chorus Madrigal Singers, and the women of the chorus will be joined by **Blake Adams** on the horn and pianist Susan Byykkonen in James Mulholland's haunting setting of poems by Emily Dickinson.

Don't miss this opportunity to hear the Chamber Chorus as you've never heard them before. Tickets are available from MTU box offices (487-3200 or 487-2073) for \$7 general admission, \$5 senior citizens, and \$3 students.

## Lake Superior Land Company gives historical records to archives

Lake Superior Land Company, of Calumet, has donated its historical Calumet & Hecla records to MTU's Copper Country Historical Collections.

The records document various aspects of C & H operations in the Upper Peninsula from 1900 through the 1970s, including a rare set of mining company annual reports. The only comparable set is part of the Baker Library at Harvard—many C & H investors were East Coast Brahmins with ties to Harvard.

The most significant part of the donation may be a set of employment cards with information on more than 35,000 company employees. The cards detail employees' work history and are useful for geneologists tracking family histories. The cards complement another series of 18,000 C & H employment cards dating from 1878 to 1914. Because many former employees are still living, only archives staff will conduct searches, and the type of data released will be regulated.

Most of the Lake Superior Land Company acreage once belonged to C & H, which had closed all its Keweenaw copper mines by the 1960s. The company is now a subsidiary of Champion International Corporation, headquartered in Stamford, Connecticut, and when the 100 cubic feet of records were rediscovered after the

purchase, the company opted to donate them to the archives rather than discard them. "We hoped they might have historical value to the community," said Dan Schwandt, president of Lake Superior Land Company.

"It's a wonderful coincidence that these records should come to us at this time," Archivist **Erik Nordberg** said. The archives are in the final phase of a federally funded project to improve access to its Quincy and C & H mining company records. The most-recent donation complements over 500 cubic feet of records from Universal Oil Products, which merged with C & H in 1968. Nordberg was particularly impressed with documents relating to projects undertaken by the mining company at Kingston and Hill's Creek. "Although there is not a great deal of material which survives from the earliest days of the company, it is also surprising to find documents from projects in the 1960s and 1970s."

The MTU Archives and Copper Country Historical Collections will complete its project by the end of March and officially open the Quincy and Calumet & Hecla collections to the public. Researchers and other interested individuals are welcome to visit the archives reading room, located on the third floor of the J. Robert Van Pelt Library.

## Gentle readers: a subtle reminder about conflict-of-interest procedures

Submitted by *Bruce Seely*

Conflict of Interest Coordinator **Bruce Seely** (social sciences) has been seeing a great many disclosures connected to outside-funded research contracts and grants, as well as other projects.

A number of them, as is often the case with proposals seeking outside sponsorship, have been facing very close deadlines. Bruce reminds principal investigators that *there is no reason to wait until the last minute before seeking a conflict of interest review* (emphasis added).

Investigators and preparers of proposals seeking outside support may complete their COI disclosure forms as soon as they know the subject of their work, the sponsor, the rough magnitude of the support requested, and such basic details as whether graduate students will be supported or whether there will be co-PIs or other cooperating investigators. He does *not* need to examine the content of the proposal itself or see the final budget.

By acting early and getting their disclosure forms to Bruce in advance, proposal preparers can avoid some frantic rushing around at deadline time, at least in terms of the conflict of interest reviews. COI Disclosures may be submitted by campus mail or left in his office, Academic Office 227.

Individuals who expect to have proposals ready at the beginning of March should also take note of the fact that Bruce will be off campus March 6-14, coinciding with the first week of spring quarter. Procedures allow an upper administrator to sign off on review forms during this period, although Bruce will complete a review upon his return. But it can be much easier for all concerned to get the disclosure form in early, with the review completed before he leaves. If you have any questions, please contact Bruce at bseely@mtu.edu or 487-2459.

## POSITIONS AVAILABLE AT MTU

The following positions will be posted Friday, February 14, 1997, at 1:00 p.m. through noon, Friday, February 21, 1997, in the Human Resources Office.

Secretary (N3)—Center for Teaching, Learning, and Faculty Development (REGULAR, PART-TIME, NINE-MONTH UAW INTERNAL AND EXTERNAL POSTING)

CHP Mechanic/Operator—Energy Management (FULL-TIME, VARIABLE SHIFTS, AFSCME INTERNAL AND EXTERNAL POSTING)

University employees are reminded to apply in writing prior to noon, Friday, February 21, 1997, to be considered as internal candidates. Applicants from the recall pool will be given first consideration for non-bargaining-unit positions. 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.

Calendar



**ENGINEERS**  
Turning Ideas  
Into Reality.  
NATIONAL ENGINEERS WEEK  
FEBRUARY 16-22, 1997

## February

### BLACK HISTORY MONTH

- 14 Friday**  
**6:30 p.m.**—*A Man Called Adam*—Walker 134  
**7:35 p.m.**—Hockey, Alaska—Anchorage at MTU—MacInnes Student Ice Arena  
**8:00 p.m.**—National Theatre of the Deaf, *Curiouser and Curiouser*—Calumet Theatre  
**8:00 p.m.**—In the Key of Love: Jazz Bands Black History Month Concert—Walker Theatre
- 15 Saturday**  
**1:00 p.m.**—Women's basketball, Northwood at MTU—SDC  
**3:00 p.m.**—Men's basketball, Northwood at MTU—SDC  
**7:05 p.m.**—Hockey, Alaska—Anchorage at MTU—MacInnes Student Ice Arena
- 16 Sunday**  
**7:00 p.m.**—Chamber Chorus Valentine's Concert—Walker Theatre
- 17 Monday**  
**6:00 p.m.**—Women's basketball, NMU at MTU—SDC  
**8:00 p.m.**—Men's basketball, NMU at MTU—SDC
- 18 Tuesday**  
**2:00 p.m.**—"Retirement Ahead: Save Now!"—EERC B11
- 19 Wednesday**  
**4:00 p.m.**—Tech Tea: Glenda Gill on "Advanced Dementia: Morgan Freeman and Nontraditional Roles"—Memorial Union Alumni Lounge
- 20 Thursday**  
**10:00 a.m.**—"Sexual Harassment: What's that All About?"—Memorial Union Ballroom 1
- 21 Friday**  
**1:30 p.m.**—"Sexual Harassment: What's that All About?"—Memorial Union Ballroom 1  
**3:00 p.m.**—Alex Bridges, "Synthesis of Polycyclic Heterocycles as Specific Inhibitors of Kinase Enzymes in Cancer Cells"—Chem Sci 102  
**6:30 p.m.**—*Mo' Better Blues*—Walker 134
- 22 Saturday**  
**7:05 p.m.**—Hockey, NMU at MTU—MacInnes Student Ice Arena