

February 6, 1998

*The surest sign  
that intelligent life  
exists elsewhere  
in the universe  
is that it has never  
tried to contact us.*

—Calvin and Hobbes  
(Bill Watterson)

Vol. XXX, No.20

## Senate discusses master's in engineering, dismisses early!

In a near-record short meeting, the University Senate discussed several weighty issues, including the financial implications of the proposed Master of Engineering Degree. (A discussion on the substance of the degree will follow at the next senate meeting, with a report from the Curricular Policy Committee.)

Neil Hutzler, who was author of the documentation of the program, and Senator Bruce Barna, from the Finance Committee, presented the pros and cons of a Master of Engineering Degree, which would be a "spin-off of the master of science engineering degree."

Hutzler said that the Master of Engineering was intended to be a fifth-year, professional program, and that it coincided with the "University's objective of increased graduate enrollment in the more-traditional MS and PhD degree programs."

Barna presented a cost analysis of the proposed new program, which would take 45 credits to complete in a four-term school year. Barna, on behalf of the Finance Committee reported that, as long as new faculty do not need to be hired to staff this program, then the assumption made by the College of Engineering that there will not be major new costs generally holds up. He noted that there are costs in any event, because the existing faculty who work on this program will no longer be able to do some other things

The cost would be "between \$162,000 and zero," Barna said, depending on the number of students enrolled as graduate students, other

unknown costs, and those students using the Senior Rule, which allows undergraduates to take graduate-level courses at a lower, undergraduate rate.

Senator Bogue Sandberg commented that many seniors in civil engineering are taking extra classes anyway, and that this fifth-year program might be just what those students are looking for to "enhance their education."

Senate President Bruce Seely said the Senate will have to act soon on the Master's in Mechanical Engineering proposal, which will be discussed in separate financial and curricular presentations at future Senate meetings.

### *In other action, the Senate*

- discussed the University closure policy, in which the Academic Policy Committee is proposing to eliminate the current Weather Advisory. The proposal was tabled to the next meeting.
- heard from USG representative Geoff Roelant on several topics, including the fact that they are doing a telephone survey on the tuition increase, getting involved with the change to semester, and are investigating the lack of an on-campus health center. Individual senators expressed support for the students' desire to have a health facility on campus.
- received preliminary proposals on the BS in Social Sciences: Social Studies Education Option, and the BS in Social Sciences: Pre-Law Option.



*Watch for the brochure*

### **Careful with that logo!**

If you have ever been associated with a University department, student group, or other organization, odds are that group has wanted to produce a T-shirt, poster, button, or brochure. And odds are that piece includes an MTU logo or reference to the University. That's only right. An affiliation with the University adds credence and legitimacy to the group.

However, to protect the image of the University, the use of its logos and names should always be cleared with the Intellectual Properties Office.

"Employees and students don't know that an item with a Tech logo needs to go through a licensed vendor," says **Sandy Gayk** of the Intellectual Properties Office. The Trademark Licensing Program (TLP) is sending out a brochure to explain MTU's guidelines.

By controlling the use of MTU's logos and names, "we are protecting the reputation of the University," Gayk says, and "by using a licensed vendor, we accrue a nominal royalty, which we return to the students."

For example, study carrels in the library have been purchased from the program, as have \$600 scholarships for all the area high schools.

"Many departments or student groups simply want to produce a hat for a retirement gift or a T-shirt, for example, and they don't know to call our office," says **Kim Codere**, who is the contact person for the TLP. "As long as they are not selling it beyond their membership, they are probably okay."

"We just want to make sure the logos are used correctly, and we want people to use the right vendors," Codere adds. "The University has spent a lot of money getting these logos and names registered."

For the most part, Codere says, local T-shirt manufacturers know to work with TLP and fill out a little paperwork.

TLP is simply reminding the campus community to make one additional phone call (3429) before creating items using the MTU logo (including those silly hats for someone's retirement). You can also check out their web site: [www.admin.mtu.edu/rgs/ip\\_tl](http://www.admin.mtu.edu/rgs/ip_tl)

## **Pancake Study break volunteers needed**

Dining Services is asking interested MTU faculty and staff to volunteer at the pancake study break set for Sunday, February 22, from 10:00 p.m. until 11:00 p.m.

Come meet the students in their own environment and help Dining Services thank our residents with pancakes. "Last year was a lot of fun," said **Bob Hiltunen**. "The students appreciated the break and the volunteers enjoyed serving them."

Pancake breakfasts will be served in all residence halls—Douglass Houghton, Wadsworth, and McNair. Volunteers are needed to serve students, cook the pancakes, wash dishes, bus tables, and "truck" the pancakes from the grill to the serving line.

If you'd like to help, contact Dining Services at 487-2664 or [rwhiltun@mtu.edu](mailto:rwhiltun@mtu.edu) and indicate the hall you'd like to work in and what job you'd prefer.

## SPORTING LIFE featured at Club Indigo

This *Sporting Life* is the featured film at the next Club Indigo, set for Thursday, February 12, at the Calumet Theatre.

The movie introduces the young Richard Harris as a street kid who longs for fame in soccer, achieves it, and then pushes success too far.

The movie begins at 7:00 p.m. and is preceded by a 6:00 p.m. buffet supplied by chefs from the Keweenaw Co-op. The banquet is \$6.50. Admission for the film is \$3 or two for \$5; half price for children. For more information, call the Calumet Theatre, 337-2610.

Club Indigo is sponsored by Mu Beta Psi Music Fraternity to support the Calumet Theatre.

## Proposals in progress

Researchers, their proposals, and their potential sponsors are

- **Jacqueline Huntoon** (geological engineering and sciences), "Thermal History of the Michigan Basin," NSF
- **Sarah Green** (chemistry), "Lake Superior Organic Carbon Budget: Quantifying the Photochemical Sink for CDOM," NSF-EAR
- **Gerard Caneba** (chemical engineering) and **Douglas Gardner** (IWR), "Preliminary Studies of Wood Fiber-Poly-styrene Composites," USDA Southern Experimental Station

## TECH TOPICS

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- 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/urel/ttopics/index.html>

@Tech Tea Time

## "Pulp Friction"—An Eco-Paper Revolution

Over the last few years, Michigan Tech has experienced "pulp friction" as paper recycling programs have failed due to contamination problems and dwindling regional markets. Until paper recycling returns to campus, Michigan Tech Student Pugwash is exploring more environmentally sound paper products for campus use. "Pulp Friction—An Eco-Paper Revolution" is the title for a Tech Tea Time panel discussion on Wednesday, February 11, at 4:00 p.m. in the MTU Memorial Union Alumni Lounge. The panel will feature Michigan Tech Student Pugwash members and Amy Wren, a recent graduate from Northland College and co-coordinator of a chlorine-free paper cooperative.

In addition to presenting information on zero-discharge, dioxins, and environmentally friendly paper products, Student Pugwash panelists will discuss plans for a chlorine-free paper pilot study in the civil and environmental engineering department. The study will feature quality and cost comparisons between current office papers and new processed chlorine-free products.

"This is an important issue because the paper industry is a major contributor to the formation and release of man-made toxins such as dioxin," says **Julie Wenstrand**, Pugwash co-chair. "It also relates closely to recent zero-discharge efforts on campus that aim to eliminate nine chemicals of concern in the Great Lakes region."

## Even bigger than a Golden Pasty! Tech Home Page wins award

The Michigan Tech Home Page recently was named an Outstanding Web Site by the Web Marketing Association. According to the WMA, "entries were judged based on design, innovation, content, interactivity, navigation, ease of use, and use of technology. The competition was judged by a team of independent Internet professionals representing the various relevant disciplines of Web site development."

The contest, sponsored by NetEvents, Broadvision, and PRNewswire, also featured Best of Industry and Standard of Excellence categories.

The Web Marketing Association, based in Boston, "is made up of Internet marketing, advertising, PR and design professionals from around the country who share an interest for improving the quality of advertising, marketing, and promotion that are needed to attract users to corporate Web sites."

The MTU Home Page is maintained by University Relations and is supported by Distributed Computing Services.

## New staff

**Mary Stimac** has joined the Dining Services staff as a food service helper. She previously worked on the Portage Health System food service staff. She is married to Paul Stimac, has two children, Sherri Wiitanen and Anthony Stimac, and lives in Houghton.

**Virginia "Ginny" Schaller** has joined the J. R. Van Pelt Library staff as a secretary. She has been employed part time as office manager for the Copper Country United Way and will continue working for the agency. She and her husband, Ralph Schaller, live in Houghton and have three children: John, a freshman at Central Michigan University; Megan, a junior at Houghton High School; and Erin, a freshman at Houghton High. Ginny loves both downhill and cross-country skiing and is an avid MTU basketball fan—especially of the women's team.

**Brian Parmeter** has joined the staff of University Relations as photographer. Previously a freelance photographer from Minneapolis, he received a BA from St. Cloud State. Brian resides in Hancock.

**David Leffer** has joined the Technology Development Group as a software engineer. David received his bachelor's in computer science from MTU and lives in Chassell.

**Sharon Cackett Tyrell** joined the Quality Service Education/TQE Department as a training coordinator. She has been the trainer for Team Effectiveness Challenge Course at MTU, received a BA in Business Management from Hartwick College, and an MS in Administration and Policy from State University of New York at Albany. Sharon resides in Chassell with husband, Steve, and children, Zachary and Emma.

GET TECH TOPICS SOONER! READ US ON THE WEB! YOU CAN REACH US FROM MTU'S HOME PAGE BY CLICKING ON "TECH TOPICS."

STUDENT



PUGWASH

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## Crimes of the Heart auditions announced

Auditions for *Crimes of the Heart*, the fine arts department's spring theatre production, will be held on Wednesday and Thursday, February 11–12, from 7:00 to 10:00 p.m. in Walker Theatre. Auditions are open to all. **Richard Blanning** will direct the play in six performances, on April 16–18 and April 23–25.

*Crimes of the Heart* by Beth Henley won both the Pulitzer Prize and the New York Drama Critics Circle Award when it was produced on Broadway. Director Blanning calls it "a wonderfully dark comedy about families and the magnificence of the human spirit." The play is noted for its warm-hearted, irreverent, zany, and honest look at three sisters and their relationships. "The telling is so true and touching and consistently hilarious," one critic remarked, "that it will linger in the mind long after the curtain has descended." More information on auditions is available from fine arts, 487-2067.

## Gen Ed Team hits the road

A team of eight faculty and professional staff from MTU's General Education Development Task Force will attend a conference on "Discovering What Works in General Education," February 13-16 in Tampa. The conference will address goals, curriculum design, administrative structures that support success in general education, effective implementation of new general education curricula, and procedures for continuous improvement.

Conference leaders include Jerry Gaff and Carol Schneider, two of the decade's most influential general education scholars, and Cecilia Lopez, NCA program officer and an authority on assessment in general education. (Dr. Lopez's writing was a major influence in development of MTU's Program for Assessment of Student Academic Success.) Two other leaders are Drs. John Nichols and Richard Weeks, faculty at universities known for the high quality of their general education programs. Dr. Gaff has agreed to meet with the MTU team for a special session to discuss the Task Force's work.

The timing of this conference could not have been

## On the road

Senior Research Engineer **Mark Osborne** (KRC) presented two papers at the Winterization and Winter Testing Conference held in Rovaniemi, Finland, January 13–16. The first was entitled "Winter Tire Evaluation Methods and How They May Be Improved" and was co-authored by **Russ Alger**, senior research engineer (KRC). The second paper, "DADS Modeling and Field Evaluation of ABS and ATC on a Military Wheeled Vehicle in Winter Off-Road Terrains," was coauthored by Research Engineer **Chris Green** and Research Associate **Jim Waineo** (KRC).

Assistant Professor **Mahesh Gupta** (ME-EM) presented the paper "Flow Simulation for Plastic Encapsulation of Micro Chips" coauthored by graduate student **Ruihua Han** (ME-EM) and David Crouthamel (Lucent Technologies) at the 1998 National Science Foundation Design and Manufacturing Grantees Conference held January 3–9 in Monterrey, Mexico.

Instructor **Michael Young** (ME-EM) presented the paper "A Visualization-Based Placement Exam for Engineering Graphics" coauthored by Associate Professor **Sheryl Sorby** (civil and environmental engineering) at the American Society of Engineering Educators Annual Engineering Design Graphics Conference held October 23–26 in Madison, WI. Also attending the conference was Lecturer **Nels Christopherson** (ME-EM) and Visiting Assistant Professor **Renata Gorska** (general engineering).

The Keweenaw Chamber Orchestra, a select group of musicians from the Keweenaw Symphony Orchestra of MTU, performed a concert in the historic Ironwood Theatre in Ironwood, Michigan, on Sunday, February 1. The ensemble, led by conductor **Jeffrey Bell-Hanson** (fine arts) and concertmaster **Eric Lawson** (fine arts), performed works spanning 400 years of orchestral history. Their appearance in Ironwood was supported in part by the Michigan Council for Arts and Cultural Affairs.

better for the Task Force. It met for the first time on Friday, January 23, and laid out a plan for the next eight months of work to culminate in a plan for reform of MTU's General Education Program for presentation to the faculty in September 1998. Given the short time allotted to this project, the Task Force needed a jump start. Having a full quarter of the members attend this conference should do the trick. Those who will attend are **Peck Cho, Tom Snyder, Leonard Bohmann, Mary Durfee, Dennis Lynch, Steve Seidel, Bonnie Gorman, and Stephen Bowen**.

This is the first in a series of meetings organized this year by the American Association of Colleges and Universities as part of their ongoing Network for Academic Renewal initiative. Other workshops in the series concern "Rethinking the Purposes and Practices of Foreign Language Education," "Interdisciplinary Studies: New Intellectual and Institutional Frameworks," and "Diversity, Learning, and Institutional Change." Persons interested in these conferences can learn more at <http://www.aacu-edu.org/>

## February BLACK HISTORY MONTH

- 5 **Thursday**  
6:00 p.m.—Women's basketball, Saginaw Valley State at MTU—SDC  
8:00 p.m.—Men's basketball, Saginaw Valley State at MTU—SDC
- 6 **Friday**  
noon—Coaches Corner/Blueline Club luncheon—Franklin Square  
3:30 p.m.—Andreas Klein piano master class—Walker Theatre  
7:35 p.m.—Hockey, Minnesota-Duluth at MTU—Ice Arena  
8:00 p.m.—Reduced Shakespeare Company, *The Complete History of Americas (abridged)*—Calumet Theatre
- 7 **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, Minnesota-Duluth at MTU—MacInnes Student Ice Arena  
8:00 p.m.—Keweenaw Symphony Orchestra with pianist Andreas Klein—Walker Theatre
- 8 **Sunday**  
3:00 p.m.—Keweenaw Symphony Orchestra with pianist Andreas Klein—Walker Theatre
- 11 **Wednesday**  
4:00 p.m.—Tech Tea: "Pulp Friction"—An Eco-Paper Revolution—Memorial Union Alumni Lounge  
7:00–10:00 p.m.—Auditions for *Crimes of the Heart*—Walker Theatre
- 12 **Thursday**  
7:00 p.m.—Club Indigo/*This Sporting Life*—Calumet Theatre  
7:00–10:00 p.m.—Auditions for *Crimes of the Heart*—Walker Theatre

## POSITIONS AVAILABLE AT MTU

Job descriptions are available from Human Resources starting at 1:00 p.m. on Friday. You can e-mail us at [JOBS@MTU.EDU](mailto:JOBS@MTU.EDU) and we will e-mail you the job description you request.

The following positions will be posted Friday, February 6, 1998, at 1:00 p.m. through noon, Friday, February 13, 1998, in the Human Resources Office.

Research Associate—Forestry (ONE-YEAR, FULL-TIME, FIXED-TERM POSITION WITH THE POSSIBILITY OF BECOMING REGULAR)  
Research Engineer I—Civil and Environmental Engineering/CenCITT  
Custodian—Residential Services Facilities (REGULAR, FULL-TIME, AFSCME INTERNAL POSTING)  
Secretary II (N4)—Facilities Management (REGULAR, FULL-TIME, INTERNAL AND EXTERNAL UAW POSTING)  
Assistant Research Scientist—Civil and Environmental Engineering (REGULAR, PART-TIME, 75 PERCENT EFFORT)

University employees are reminded to apply in writing prior to noon, Friday, February 13, 1998, 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.