

## MTU Applying for Grant to Build SmartZone Complex

### NO TECH MONIES INVOLVED

The Board of Control voted March 15 to allow the University to apply for a \$2.47 million grant from the U. S. Department of Commerce Economic Development Administration. If received, the grant would partially fund the construction of a building to house major student projects and to serve as a business incubator for the Michigan Tech EnterPrise SmartZone.

Total construction costs are estimated at \$3.5 million. In addition to the \$2.47 million in possible grant funding, approximately \$1 million in corporate pledges are now in place to support construction. The Board of Control capped building costs at \$4 million, should the University proceed with the project, and specified that only non-University funds be used.

The facility, which would be known as the Advanced Technology Development Complex, would provide space for student design activities that may involve developing products or participating in vehicle competitions such as FutureTruck and FormulaCar. The center would be located on Michigan Tech and at the corner of Sharon Avenue and Garnet Street.

The building would also serve as a business incubator for the SmartZone, a joint project of the University and the cities of Hancock and Houghton. The SmartZone, which captures certain state taxes, has the goal of creating or attracting more than 500 science and engineering jobs to the area.

The business incubator will provide shared office support, fast Internet connections and shared office equipment. It will also include space for business service providers, such as organizations that provide marketing support, business plan development and other planning functions.

If the EDA grant is approved, construction could begin as soon as the end of 2002.

---

*I have come to realize that all my trouble with living has come from fear and smallness within me.*

—ANGELA L. WOZNIAK

## Board OKs New Spending to Boost Enrollment

The Board of Control authorized the University to begin spending approximately \$1 million to start up five programs designed to boost enrollment.

The first is a "First-Year Success Initiative," with the goal of increasing undergraduate retention from the current 75 percent to 85 percent by 2006. Cost of the program would be about \$1 million over the next five years. If retention increases to 82 percent, revenues will increase by \$4.3 million. Over the next five years, the programs would cost about \$10 million and result in a revenue increase of \$16 million.

Among its provisions, the program would support UN1000 Frameworks for Success, which teaches college survival skills. To get students in the right math class, a better placement program would be implemented. Improved advising for academic and social concerns would be undertaken to cement students' connection with the University. And a program to better reach students who are in academic trouble would be implemented.

To boost undergraduate admissions, the University would implement the marketing recommendations of their consultant, Noel-Levitz, with the goal of increasing freshman and transfer enrollment from 1,434 to 1,600. The cost over the first five years would be \$1.6 million, with revenues from enrollment increases estimated at \$3.7 million.

## Vision Fund Grant Recipients Announced

Provost **Kent Wray** announced the recipients of Vision Fund grants March 15 to the Board of Control.

The proposals will be supported through the Michigan Tech Fund's Vision Fund and were chosen based in large part on how well they advance the the University's strategic plan (see <http://www.mtu.edu/stratplan/>). For more detailed information on the proposals, see [www.mtu.edu/stratplan/proposal\\_11.html](http://www.mtu.edu/stratplan/proposal_11.html).

The project leaders and their proposals are

- **Robert Bailod** (Civil and Environmental Engineering), "An Ecumenical Approach to Attaining National Ranking for Michigan Tech's Civil and Environmental Engineering Graduate Program"
- **Shalini Suryanarayana** (Educational Opportunity), "Greening Michigan Tech—Environmental Sustainability in Campus Operations and Activities"

To raise graduate enrollment, the Board agreed to provide Vision Fund support to a proposal by the Graduate Faculty Council and the Graduate School. In addition to adding \$140,000 to the School's budget for student recruiting, the proposal improves grad student stipends and health benefits at an annual cost of \$245,000. The five-year cost of the program is \$2.7 million, compared to an increase in revenues of about \$2.1 million in tuition.

Fulfilling the Board's directive to "sell our hot majors," such as computer engineering, biomedical engineering, computer science, MIS, bioinformatics and mechanical engineering, Provost **Kent Wray** recommended increasing the number of faculty lines in high-demand areas and support departments based on the net tuition revenue derived from new enrollment. As planned, revenue would exceed the cost by \$200,000 annually.

The Board also approved spending \$25,000 to \$50,000 for an image assessment review of the University's current market position. Approval was also given to establish a \$200,000 budget for institutional advertising and image enhancement.

Board Member **Rodger Kershner** expressed concern over the cost of the package. "It's a well thought-out effort," he said. "My concern is how we pay for it."

*Continued on page 5*

- **James Schmierer** (SFWP), "Tech Trails Model Forest"
- **Neil Hutzler** (Engineering), "Bolstering Recruitment and Graduation of Graduate Students (BRAGGS)"
- **Chris Williams** (Civil and Environmental Engineering), "Development of a Nationally Recognized Transportation/Materials Research Center"

Wray backed a suggestion by the committee studying the merger of the School of Technology and the College of Engineering: a new BS in Computer Systems Administration. He cited high demand for system administrators and noted that no institutions now offer a four-year degree in the field. The program could begin in fall 2003; it would involve adding two faculty at a cost of about \$85,000 each. Where the degree program would be located has not yet been decided.

## Lode Wins National Award

The Michigan Tech Lode has received the 2002 College Media Advisers' Apple Award for the Best Four-Year, Non-Daily Broadsheet in the United States. The award was presented March 16 at the National College Media Convention in New York City. Representing the Lode at the convention were Editor in Chief **Lori Sprangers**, Business Manager **Josh Tolk**, Associate Editor in Chief **Andrew Dobos**, Associate Business Manager **Lisa Hoernlein**, Co-News Editor **Emily Fossum** and Design Editor **Sharif Wilson**.

"This award is a testament to the hard work of our 80-plus Lode staff, to the leadership of the editorial and management staff and to the quality and versatility of Michigan Tech students," Lode faculty advisor **Craig Waddell** said. "It's particularly noteworthy that this award has been earned by a university that doesn't have a school of journalism, doesn't have a department of journalism and doesn't even have a major in journalism."

The Lode has improved dramatically over the past three years, and this improvement has already been recognized at the local and state level. In 2000, the Lode was voted Michigan Tech's Most Improved Student Organization, and in 2001, the Lode was voted Michigan Tech's Student Organization of the Year.

In January, the Lode won 12 awards in the Michigan Press Association's 2001 College Newspaper Contest for Division II.

### *Want Health Info?*

## Join Benefits E-Mail List

The Benefits Office is creating a health-related e-mail list for the MTU community.

Benefits will use the list to send out announcements on events on campus or in the community as well as the occasional health-related article.

To join, send a message to [majordomo@mtu.edu](mailto:majordomo@mtu.edu). Leave the subject line blank. In the body of the e-mail, type <subscribe techhealthwatch-l@mtu.edu>.

If you have any questions, call the Benefits Office at 487-2517 or e-mail Maryann Wilcox at [mawilcox@mtu.edu](mailto:mawilcox@mtu.edu).

# MichiganTech

Bill Curnow, executive director, University Relations  
Marcia Goodrich, *Tech Topics* editor  
*Tech Topics* Web site: [www.mtu.edu/level3/ttopics.html](http://www.mtu.edu/level3/ttopics.html)

To get *Tech Topics* via e-mail, send a message to [MAJORDOMO@MTU.EDU](mailto:MAJORDOMO@MTU.EDU) saying `SUBSCRIBE TECH-TOPICS-L`

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.

## Strategic Grading

Center for Teaching, Learning,  
and Faculty Development



By William Kennedy, director

The U.S. Supreme Court recently deliberated over whether it is OK for grade school

teachers to have students trade papers to grade one another's work before passing it in. Heart be still. It turns out that it's OK.

Want to pick a fight with a group of academics? Just express your views on the subject of grading. Grading remains one of the most controversial and least enjoyable parts of a professor's job. How many times have you said, "The grade's not the important thing; it's whether you are learning that really counts." If a cartoon bubble of their most likely response would appear over the students' heads, it would read something like, "Oh, yeah, then why is it that the only lasting record of earthly existence over these four years of my life will be a piece of paper listing my grades?"

Paul Ramsden, John Biggs and others from the Australian higher education research community have observed that, for students, grades are the only lasting, legitimate currency of higher ed. Why should we be surprised that grades are first and foremost in the minds of many students? In grade school (no pun intended), students are sorted by grades from the very beginning. Around sixth or seventh grade, there comes a fateful day when someone in authority makes a judgment that will profoundly affect each students' career options, income levels and even the opportunities available to their children. That fateful decision involves the determination of which math sequence you will take. When I was in grade school, there were only two tracks: college prep and shop math. Nowadays, there seem to be three: whiz kid math, whiz kid math at half the pace and math for the millions. Regardless of the labels, the result is the same. Whiz kids are fast-tracked to be admitted to colleges AP credit in hand, half-speed whiz kids might go either way and most math-for-millions kids will most likely follow a trade and work by the hour. And as

a consequence of this decision, some will be destined to have careers, while others will have jobs. Some will manage their portfolios while others will struggle to make ends meet. The point is, aphorisms and palliatives aside, grades really do matter, and that simple lesson is learned by most students very early on.

The two main rationales for grading are expressed by the terms summative and formative. Summative grading is the process of the sorting of students into groups by their relative performance on tests. Summative grading serves a number of university stakeholders' purposes. Students might like to know how their performance compares with their peers'. Parents want to know how well their kids are doing in college. Future employers want to know how well their potential employees mastered their lessons.

Formative grading, on the other hand, is fundamentally motivational. The teacher gives the students a quiz to find out where they are in terms of understanding and mastery. The point of the testing is not to sort or label students, but to give them and the teacher feedback so both partners can change their behavior to improve student learning during the rest of the course.

If Ramsden, Biggs, and others are right, then we ought to review our grading policies and procedures to see if they encourage our students to do the very things that will maximize their learning while improving their grades. If you made a prioritized list of what things your students actually need to do to increase the depth of their learning, would it be reflected by the ways you determine their course grades? Is faithfully doing the homework key to mastery in your course? Then, what percent of your grades are determined by students who engage in those desired behaviors: 5-10 percent? Perhaps we place too much emphasis on the final exam period when we know students are cramming their heads full of information for three or four finals in a one-week period. If we allow that student effort is motivated by grade achievement, then we ought to judiciously expend our primary motivational ammunition wisely.

## Deluxe Guest Suites Available at Daniell Heights

Quality lodging for visitors to campus—as well as faculty and staff looking for a place to stay while they search for permanent housing—is available at Daniell Heights, says Manager **Robert Wenc**.

The newly redecorated one- and two-bedroom deluxe suites have hotel amenities such as cable TV, local phone service, linens and an answering machine, as well as apartment-style living: kitchen facilities, free use of a washer and dryer, parking and 24-hour maintenance service. Plus, there's bus service to campus and (take note if you're here in the

summer) air conditioning.

All deluxe suites have double beds and sleeper sofas; the two-bedroom suites offer bunk beds and a guardrail on request.

The cost for a seven-day stay for one- and two-bedroom suites is \$213 and \$290, respectively, or just \$34.43 or \$43.43 a day. Stays of 30 days or more receive a 10 percent discount. The minimum stay is three days.

For more information or to set up an appointment to walk through a deluxe suite, call 487-2727 or e-mail [depersha@mtu.edu](mailto:depersha@mtu.edu).

## Women's Week March 25-29

### Talks 'n' More in the MUB

The Fourth Annual MTU Women's Week Celebration, "For, About, By Women," will be held next week in Memorial Union Ballroom B.

Exhibits, books, arts and crafts will be on display and for sale from 10 a.m. to 5 p.m. Monday through Thursday and from 10 a.m. to 3 p.m. Friday.

At each of the five lunchtime talks, which begin at noon unless otherwise noted, free salad and breadsticks will be available. Everybody, women and men alike, is welcome. Door prizes will be awarded.

On Monday, the Rev. Sydney Morris will present "Confessions of an Ethicist."

On Tuesday, Campaign organizer **Barbara Radigan** (International Education) will discuss her efforts to establish the Beacon House Hospitality Center in association with Marquette General Hospital. In addition, Terry Smythe, fitness director of the Keweenaw Memorial Medical Center, will present "How to Find Balance: Family/Work/School/Health/Money." The Around the Lake Singers from Northern Michigan University will perform, along with MTU student poet **Sally Brunk**.

Attorney Valorie Troesch will provide information Wednesday on resources for caregivers of the elderly.

Lt. **Zabrina Robinson** (AFROTC) will present "Battling: The Struggle for Equality" on Thursday.

At 11 a.m. Friday, Rose Bammert, director of the Friend of the Court, will give a talk, "Children's Rights and Parenting Time—What Is Best for the Child?"

Women's Week activities are brought to you by the Office of Outreach and Multiethnic Programs, a division of Educational Opportunity, the Technobabe Times, the Presidential Commission for Women and the Presidential Commission on Diversity.

### Summer Registration Open Till March 31

The Office of Student Records and Registration is asking all faculty to announce to their classes that summer registration is open now until March 31. It is a great opportunity for students to replace previous bad grades, get prerequisites out of the way or get ahead and lighten their course load for the coming school year.

Summer registration will reopen April 22, but students are encouraged to register now. That way, they have a better chance of getting the class they want, since classes can fill up early or be cancelled. If you have any questions, please contact Student Records and Registration at 487-2319 or Educational Opportunity, 487-3539.

## Physicist Explains the Elegant Universe

*Submitted by University Cultural Enrichment*

Questions about what the universe is made of, how it began and how it got to be the way it is have puzzled scientists and laypeople for centuries. Brian Greene believes he may have the answer. A professor in the departments of physics and mathematics at Columbia University, a graduate of Harvard University and a former Rhodes Scholar, he's been called the next Carl Sagan. USA Today describes him as "one of the hottest tickets in science." Greene, a leading physicist and string theorist, will be visiting the Rozsa Center on Tuesday, March 26 to give an 8 p.m. lecture titled "The Elegant Universe." The lecture is free and open to the public.

Well known on the campus lecture circuit as a riveting public speaker, Greene has an amazing knack of explaining complex, cutting-edge concepts in simple terms that are understandable to even the most extreme science phobes. Using straight-forward comparisons, video animation and entertaining anecdotes, Greene takes his audiences on a journey through hidden dimensions, superstrings and black holes in a quest to unify all the laws of nature. He recounts how the theories of general relativity and quantum mechanics transformed our understanding of the universe, and he goes on to introduce string theory, a concept that may be the key to a unified theory of the universe. He vividly describes the vigorous work of physicists and mathematicians developing string theory, the exciting discoveries that have been made, and the mysteries yet to be uncovered that will revolutionize our understanding of space, time, and matter.

### TIME TO CLEAN YOUR BOOKSHELVES? DONATE TO THE BOOKSALE

Cleaning out the closets? Got some books you don't need? The Friends of the Van Pelt Library will come take those books off your hands.

If you have books that you would like to donate to the Friends book sale, leave them in the orange drop box at the library or contact Dana Richter at 487-2149 or [drlriche@mtu.edu](mailto:drlriche@mtu.edu) to arrange pick-up. All proceeds from the April sale benefit the Van Pelt Library. The Friends have supported \$55,000 in improvements and library activities since organizing in 1995.

The 2002 Friends Annual Book Sale is

### Seminar April 11 on Immigration Law

Attorney Todd Wagenmaker is hosting a free seminar, "Immigration: How Recent Changes in Immigration Laws Affect You," on April 11 from 1 to 2:30 p.m. in MUB 105.

Wagenmaker is a member of the Michigan and Missouri bars and of the American Immigration Lawyers Association.

Greene is the author of the bestseller "The Elegant Universe," which was a finalist for the Pulitzer Prize in General Non-Fiction and was on the New York Times bestseller list for over six months. There were three additional printings in the first month after publication, a phenomenon almost unheard of for a non-fiction work. The book, which drew raves from critics and the scientific community alike, explains string theory, which could possibly be the biggest science breakthrough since Einstein's work. According to Greene and other physicists who have worked in the field, the smallest and most basic unit of all matter is not an atom, electron, quark or any other particle, but a little loop of string, "tiny vibrating loops of energy," explains Greene. "All the different types of particles and forces are made of these strings, simply vibrating in different ways." String theory has been called the "theory of everything" and "the final theory," even though some physicists question whether it has any validity at all.

Greene is a former Harvard athlete, a member of the Oxford judo team, an amateur actor, a Star Trek fan, a dialogue writer for John Lithgow's character in "3rd Rock from the Sun," and likes to dress in New York black chic. This description may not fit the stereotype of a brilliant research physicist, but Greene's work and that of other scientists working in the field is undeniably important, and the scientific community is paying close attention.

Greene's visit to Michigan Tech is sponsored by the James and Margaret Black Endowment and the Committee for Campus Enrichment. For further information contact the Great Events Series Office (487-2844).

scheduled for April 10, 10 a.m.–4:30 p.m., in the Memorial Union Ballroom; a members-only pre-sale is set for Tuesday, April 9, from 5 to 7 p.m.

Memberships are available at the door of the pre-sale for \$15. Everyone is invited to join and come to the pre-sale; the best pickings go to the early birds. The Friends of the Library thank all book donors who make this event a success and the two student partner groups, Tau Beta Pi and the Society of Intellectual Sisters, whose hard work make the sale possible.

### Weight Watchers Meeting March 25

Weight Watchers will meet at noon on Monday, March 25, in Memorial Union Alumni Lounge B.

New members are welcome. For more information, call 487-2517.

## Tech Fund Merit Award Nominees Sought

If you know an outstanding senior student at Michigan Tech, consider nominating them for a Michigan Tech Fund Merit Award.

The awards are presented annually to a senior man and woman who have demonstrated extraordinary leadership and service to the University. Recipients are given a personal memento and a cash gift, and their departments each receive a \$500 grant. Nominees must be full-time seniors in good standing with a minimum 2.5 GPA. President **Curt Tompkins** will present the awards May 3.

The deadline for submitting nominations is Wednesday, April 10. Nomination forms are available at the Wadsworth Hall manager's office, the J. R. Van Pelt Library circulation desk, the Campus Store and the Meese Center. You can also call Dorthey at 487-3324 to have a form sent to you.

## Alumni Association Announces New Board

**James D. Brodeur** '68 (Biological Sciences), former family practice physician at Portage Health Systems in Hancock; **Robert L. Eck** '82 (Civil Engineering), vice president of planning and development, Terra Cotta Realty of Crystal Lake, Ill.; **Sarah E. Grant** '00 (Business Administration), consultant for Deloitte & Touche LLP in Toronto; **Loren H. Howard** '72 (Mechanical Engineering), sales & marketing director for the City of Holland; **Adil Shafi** '86/'93 (Computer Science/Electrical Engineering), president of Shafi Inc., located in Brighton; and alternate **Jane Nordberg** '00 (RTC) are new members of the Michigan Tech Alumni Association Board of Directors.

The board of directors is the policy-making body of the alumni association.

## In the News

The Applied Portfolio Management Team, which won the national Project RISE Symposium student investment competition in the Blended category, was cited in Robert Barker's March 8 column for BusinessWeek Online. Barker quoted team members **Jeff Call** and **Tony Yates**. You can read the column at [www.businessweek.com/bwdaily/dnflash/mar2002/nf2002038\\_0421.htm](http://www.businessweek.com/bwdaily/dnflash/mar2002/nf2002038_0421.htm)

Assistant Professor **Andrew Storer** (SFWP) was cited in a March 4 article in the Detroit Free Press by Marty Hair, "Sudden Oak Death Syndrome Has Now Been Found in the Sierra Nevada."

Presidential Professor **John Crittenden's** (Civil and Environmental Engineering) election to the National Academy of Engineering appeared in the Feb. 25 edition of "Environmental Science and Technology" in the article "Crittenden Named to NAE." His election was also mentioned in the Feb. 25 "Chemical Engineering News."

## Undergrad Research Expo Next Month

by *Kevin J. Walker*

Students will present their senior projects, Engineering Enterprises and other undergraduate research at this year's "Exploration and Entrepreneurship" University Exposition.

The University Expo will be held Wednesday, April 24, in the Memorial Union Ballroom. A panel of judges including faculty members and corporate representatives will critique the projects in three categories: abstracts, posters and presentations. Senior projects from all academic disciplines (not just engineering and science) are welcome.

Faculty members are urged to encourage their seniors and undergraduate research students to participate and compete for cash prizes. The projects and posters will be on

display for the campus and community throughout the day.

The Undergraduate Exposition provides students an opportunity to present their research, design and independent study projects. Students will gain professional experience and build their resumes through direct exposure to real-world problems and competitiveness.

The exposition is sponsored by the Department of Educational Opportunity and the College of Engineering. Applications for individuals or groups are available at the Department of Educational Opportunity (Alumni House). For more information, contact Kevin J. Walker at 487-2920 or [kjwalker@mtu.edu](mailto:kjwalker@mtu.edu).

## Send Donation Checks to the Tech Fund

by *Jason Bauer*

The Michigan Tech Fund is always working hard to make sure donors are totally satisfied during every part of the donation process. Keeping donors happy is crucial to keeping the level of support to your department as high as it can be.

One way you can help is by sending any donation checks that your department receives to the Tech Fund as soon as possible. By promptly sending them your checks, they can be processed immediately, yielding benefits for both the donor and department.

Processing all gifts in a timely manner is crucial to nurturing the goodwill of donors. The Tech Fund sends out a receipt and thank you letter for each and every donation received. But, if they do not have the check, they can't send a thank you letter. Many people also watch their account statements to be sure a check has cleared. If the Tech Fund does not receive the check, the check does not clear and the donor may become concerned or offended.

Your department will also benefit from promptly sending checks. The sooner the Tech Fund receives the money, the sooner it may be put to use or start earning interest. Also, fund managers will be able to have a more accurate look at how much they have available in their accounts. This will lead to more efficient use of funds.

Thank you to everyone for doing those little things that allow the Michigan Tech Fund to serve the University and its donors even better.

## April Computer Classes

Michigan Tech offers computer classes in collaboration with dL Education. To register, send an e-mail to the Center for Professional Development and Quality Improvement at [sktyrell@mtu.edu](mailto:sktyrell@mtu.edu). Include the class(es) in which you want to enroll, your phone number and account number to which the class(es) should be charged. The charge is \$60 for three-hour (half-day) classes; \$120 for six-hour (full-day) sessions. dL Education is located in the E. L. Wright Plaza, Suite 201A at 801 N. Lincoln Drive in Hancock. The Plaza is located on Quincy Hill, just below Pat's IGA.

- Access level 1, Fri., April 12, 9 am-noon
- Access level 2, Fri., April 19, 9 am-noon
- Access level 3, Fri., April 26, 9 am-noon
- Excel level 1, Thurs., April 18, 8:30-11:30 am
- Excel level 2, Thurs., April 18, 12:30-3:30 pm
- Excel level 1, Mon., April 29, 12:30-3:30 pm
- Excel level 2, Tues., April 30, 12:30-3:30 pm
- HTML, Fri., April 5, 9 am-4 pm (minimum of 3 students)
- PowerPoint, Thurs., April 25, 8:30 am-3:30 pm
- Publisher, Wed., April 3, 12:30-3:30 pm
- Publisher Wed., April 10, 12:30-3:30 pm
- Publisher, Wed., April 17, 12:30-3:30 pm
- Publisher, Wed., April 24, 12:30-3:30 pm
- Windows level 1, Thurs., April 4, 8:30-11:30 am
- Windows level 2, Thurs., April 4, 12:30-3:30 pm
- Windows level 1, Mon., April 8, 12:30-3:30 pm
- Windows level 2, Tues., April 9, 12:30-3:30 pm
- Windows level 1, Mon., April 22, 12:30-3:30 pm
- Windows level 2, Tues., April 23, 12:30-3:30 pm
- Word level 1, Mon., April 1, 12:30-3:30 pm
- Word level 2, Tues., April 2, 12:30-3:30 pm
- Word level 1, Thurs., April 11, 8:30-11:30 am
- Word level 2, Thurs., April 11, 12:30-3:30 pm
- Word level 1, Mon., April 15, 12:30-3:30 pm
- Word level 2, Tues., April 16, 12:30-3:30 pm

## Board of Control *Continued from page 1*

Interim CFO and treasurer **Dan Greenlee** said the new spending will affect cash flow, he said, but not drastically.

"You're digging a hole to get out of a hole," Kershner said, noting that the revenue projections could not be guaranteed.

"This Board told Kent he had to increase enrollment and increase marketing and don't spend any money," Board Member **Kathryn Clark** said "It can't be done. . . . To say it's a great idea but to find the money in the existing budget is cutting him off at the knees."

**Gary Anderson**, president of the Michigan Tech Fund Board of Trustees, argued in favor of the measures. "The reason we're having financial problems is because we don't have enough students," he said. "You can't cut your way to success." And even if the revenue projections aren't met, the measures will almost assuredly increase enrollment somewhat. "I can't believe this would result in a \$1 million loss."

The University is currently operating on a deficit budget, and is on track to end the year about \$3.8 million in the red, compared to the \$4.1 million anticipated in the FY2002

### New Staff

**Robert J. Gagnon** has joined the civil and environmental engineering department as manager of the Tribal Technical Assistance Program. He was previously a project engineer, working at a small civil engineering consulting firm and for Indian Health Services. He also served as a Peace Corps volunteer in Kenya from 1992 to 1996. Gagnon is married to Hilary Anne Gagnon, has two children, Eleanor "Kate" Katharine, 3, and Mathurin "Matt" Thomas, 1, and lives in Marquette. His interests include mountain biking, windsurfing, choir singing (he's a tenor), cross-country skiing and meditation.

**Michael Buenzli** has joined the staff of the Western U.P. Center for Science, Mathematics, and Environmental Education as the forest field trip coordinator. He has a BS in English and Natural Resource Management from the University of Wisconsin-Stevens Point (1996) with sec-

### NO NEW POSTINGS THIS WEEK

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

No new positions are posted this week at Michigan Tech. Vacancy announcements are normally posted every Friday at 1 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.

budget, Greenlee reported. He noted that travel expenses have dropped 20 percent and that salaries and wages are also down, largely because of position review and a number of early MPSERS retirements. "It looks like we're on track with the budget," he said.

The Board agreed to spend \$500,000 to remodel ME-EM 111 into a distance-learning classroom, with revenues from the distance learning program to be used to reimburse the University. The facility should be paid off in a little more than a year, Graduate Dean **Bruce Rafert** said.

#### In other business the Board

- approved a policy on financial emergencies, which specifically allows the Board to declare an emergency and the president to deal with it using authorized procedures. The policy, which has been under development for several years, clarifies the Board's legal authority to lay off tenured faculty in the event of an emergency, an event that hasn't happened in recent memory.
- heard from USG President **Josh Bennett** that the USG will be requesting a 3 percent increase in the student activity fee in May.

ondary teacher certification. He lives in Hancock with his wife, Cindy, and their baby son, Raymond.

**Annette McBride** has joined the Educational Opportunity staff as a secretary N4. She was previously a customer service agent for Mesaba Airlines. She has an AA from Suomi College, has one child, Ashley Licht, and lives in Houghton.

**Evelyn Colón-Peters** has joined the staff of the social sciences department as a secretary. She was previously employed at Pat's IGA as a cashier. Colón-Peters has a BA from Northern Michigan University. She and her husband, Brian, live in Calumet. She has two daughters, Victoria Adelina and Teresa Marie.

**Tom Freeman** has joined the ETS staff as a media production specialist. He was previously employed by the City of Chaska as a communications coordinator and has six years experience in commercial production at a TV station in Minneapolis/St. Paul. He is married to Wendy Freeman, has a son, Jacob, and lives in Laurium.

### 100s Celebrate Fun Day

A total of 404 people braved the elements March 9 to enjoy Family Fun Day at the SDC and the MUB bowling alley. The Army ROTC-sponsored rifle range was its usual huge success. The Family Fun Day Committee thanks the departments that donated gifts, the volunteers who gave their time and drove in the storm and everyone else who helped make the day a success.

## March

### National Women's Month

- 21 Thursday**  
**7 p.m.**—Public speaking workshop, Nathaniel Fuller—Memorial Union Alumni Lounge
- 22 Friday**  
**8:30 a.m.-4 p.m.**—Forestry Symposium, "Land Use in the Keweenaw"—Noblet G002  
**8 p.m.**—"Ah, Wilderness!"—Rozsa Center
- 23 Saturday**  
**10 a.m.**—Men's tennis, Mercyhurst at MTU—Gates Tennis Center  
**8 p.m.**—"Ah, Wilderness!"—Rozsa Center
- 24 Sunday**  
**10 a.m.**—Men's tennis, Findlay at MTU—Gates Tennis Center
- 25 Monday**  
**noon**—Women's Week Luncheon, Rev. Sydney Morris, "Confessions of an Ethicist"—Memorial Union Ballroom B2
- 26 Tuesday**  
**noon**—Women's Week Luncheon: Barb Radigan, Terry Smythe, Around the Lake Singers, poet Sally Brunk—Memorial Union Ballroom B2  
**8 p.m.**—Brian Greene, "The Elegant Universe"—Rozsa Center
- 27 Wednesday**  
**noon**—Women's Week Luncheon, Valorie Troesch on resources for caregivers—Memorial Union Ballroom B2
- 28 Thursday**  
**noon**—Women's Week Luncheon, Lt. Zabrina Robinson, "Batling: The Struggle for Equality"—Memorial Union Ballroom B2
- 29 Friday**  
**11 a.m.**—Women's Week Luncheon, Rose Bammert, "Children's Rights and Parenting Time"—Memorial Union Ballroom B2  
**6/7:15 p.m.**—Club Indigo: Buffet/"American in Paris"—Calumet Theatre

## April

- 11 Thursday**  
**1 p.m.**—Todd Wagenmaker seminar on immigration issues—MUB 105

### MTU Notables

Undergraduate **Kari Buckmaster** has received the \$2,000 2002 TMS/EPD Scholarship from The Minerals, Metals, and Materials Society's Extraction and Processing Division. She will receive the scholarship at the TMS 2002 Annual Meeting in Seattle in February. The scholarship recipients are known as EPD Scholars and may select up to five EPD-sponsored conference proceedings or textbooks to be donated to their university library in their name. Buckmaster will receive up to \$500 for travel expenses to the TMS Annual Meeting.