

# Tech Topics

April 20, 2001  
Vol. 33, No. 31

Michigan Tech's Faculty-Staff Newsletter

Published weekly by University Relations

## Grad Dean Search Committee Meets April 23

The Search Committee for the Dean of the Graduate School is holding a meeting on the draft job description on Monday, April 23, at 8:00 a.m. in Memorial Union 105. All members of the University community are invited.

The committee will be discussing comments it has received on the position. To submit a comment, e-mail any member of the search committee by Saturday, April 21. The entire draft position description will be attached to the paper April 20 *Tech Topics*.

The final job classification and description will be developed after considering comments from the MTU community.

Among the responsibilities listed in the draft, the graduate dean would serve as the principal administrative graduate officer for the University; support the funding and development of graduate studies; advocate vigorously for graduate students and activities; develop and implement a plan for the Graduate School that supports the Strategic Plan; increase the number of grad students and the number of graduate degrees awarded; undertake a nationwide marketing and recruiting effort to attract graduate students; support a high quality of living for graduate students; advocate research, scholarship, and creative activities throughout MTU; and support interdisciplinary work.

The job requirements are a PhD or equivalent degree and a record of achievement that warrants being appointed as tenured full professor at Michigan Tech.

The committee members are **C. Robert Baillod** (baillod@mtu.edu) chair, **John Jaszczak** (jaszczak@mtu.edu) vice-chair, **Leonard Bohmann** (lbohman@mtu.edu), **Heidi Bostic** (hlbostic@mtu.edu), **Betty Chavis** (ythbetty@mtu.edu), **Peg Gale** (mrgale@mtu.edu), **Anil Jambekar** (abjambekar@mtu.edu), **Charles Kerfoot** (wkerfoot@mtu.edu), **Pat Martin** (pem-194@mtu.edu), **Glenn Mroz** (gdmroz@mtu.edu), **Michelle Trim** (mdtrim@mtu.edu), and **Song-Lin Yang** (slyang@mtu.edu).

---

*Never feel self-pity, the most destructive emotion there is. How awful to be caught in the terrible squirrel cage of self.*

—MILLICENT FENWICK

## Hitchhiker's Guide to the Galaxy Author Here April 25

Submitted by University Cultural Enrichment

Best-selling author Douglas Adams visits Michigan Tech on Wednesday, April 25, to present a lecture at 8:00 p.m. at the Rozsa Center. Adams is the 2000–01 Van Evera Distinguished Lecture Series speaker.

Best known as the creator of all the different manifestations of *The Hitchhiker's Guide to the Galaxy*, Adams is a writer and speaker with the ability to make the complex sound simple, the inexplicable seem obvious, and in both cases, vice versa. He finds humor in the unlikeliest of places: computer technology, evolutionary theory, baths, and trees; and has earned the singular distinction as the premier (perhaps the only) "science satirist" in the world. His lecture, "Living in a Virtual World," is Adams' personal view of the enormous achievements of information and digital technology (and some of the absurdities as well). A lobby reception will follow the lecture. The event is free and is open to the public. Doors will open at 7:30 p.m.

Adams is a founding partner and the chief fantasist of the Digital Village, a UK-based multiple-media company, which produces content software for TV, CD-ROM and the Internet. "Being part of the Digital Village lets me get back to where I once belonged," says Adams. "When I started out I worked in radio, I worked in TV, I worked on stage . . . Then I accidentally wrote a best-selling novel and the consequence was that I had to write another and then another. After a decade or so of this I became a little crazed at the

thought of spending an entire working life sitting in a room by myself typing. I needed to do a bit of crop rotation. Hence the Digital Village."

Adams graduated in English literature from Cambridge University, England, but wished he had been a scientist instead and has been consoling himself with jokes ever since.

These jokes have appeared in his seven best-selling novels: the Hitchhiker series (*The Hitchhiker's Guide to the Galaxy*; *The Restaurant at the End of the Universe*; *Life, the Universe and Everything*; *So Long, and Thanks for All the Fish*; and *Mostly Harmless*). Changing direction, Adams wrote the Dirk Gently series. He described the first one, *Dirk Gently's Holistic Detective Agency*, as a "ghost-horror-detective-whodunit-time travel-romantic musical comedy epic."

He also coauthored the travel and wildlife nonfiction book *Last Chance to See*, with zoologist and friend Mark Carwardine, as a result of a trip around the world looking for various endangered species of animals. Adams considers *Last Chance to See* his favorite book.

He has also (apropos of nothing at all except that he wants to mention it) played guitar on stage with Pink Floyd and worked as a chicken shed cleaner and a bodyguard for an Arab royal family.

Adams' visit is made possible by the Van Evera Distinguished Lecture Series Endowment. For further information, call University Cultural Enrichment at 487-2844.

## Leifer Receives Donovan Award

Professor **Leslie Leifer** (Chemistry) has been named the 2001 recipient of the Clair M. Donovan Award. The award, sponsored by the MTU chapter of Blue Key National Honor Fraternity, is awarded to a member of the faculty, staff, or student body of MTU who has contributed the most outstanding service to the University during the preceding year.

The award is made in honor of Clair M. Donovan, who through his many years of service as president of Blue Key National Honor Fraternity, as an alumnus, and as a civil leader, has made immeasurable contributions to the public image and prosperity of Michigan Tech.

Leifer received an undergraduate degree in chemistry from the City College of New York in 1950 and a PhD in Physical Chemistry from the University of Kansas.

Leifer has been active in the Michigan Tech community, serving from 1990 through 1999 on the University Senate. He chaired the Senate Fringe Benefits Committee and served on the Senate Finance Committee.

Leifer received the MTU Faculty Research Award in 1970 and was nominated for the Faculty Distinguished Service Award in 2000. He was an Invited Guest Participant at the First Australian Conference on Electrochemistry in Sydney, Australia in February 1963, as well as Invited Speaker at several International Symposia on various aspects of Chemical Thermodynamics and Solution Chemistry. "In addition to his endless devotion to MTU," said **Keith Nackers**, Blue Key president, "Dr. Leslie Leifer's warm heart and friendly demeanor make him a truly worthy recipient of the prestigious Clair M. Donovan Award."

## Open House April 27 for Fed Depository's 125th Anniversary

The library will mark the 125th anniversary of the Federal Depository Library's location at Michigan Tech with an open house on Friday, April 27, from 1:00 to 4:30 p.m. in the Government Documents area, on the ground floor.

The open house begins with a 1:00 p.m. presentation by Government Documents Librarian **Thomas Swaner**, who will discuss the history of the depository, which predates Michigan Tech. It is the oldest depository in the Upper Great Lakes region and second-oldest in Michigan. Tours will be held in the afternoon, and refreshments will be served.

## SME Auction, Conference April 26

The UP Section of the Society for Mining, Metallurgy, and Exploration (SME) will host its 83rd annual conference on Thursday, April 26, in the Memorial Union Ballroom. Geology, mining, and mineral processing presentations will be held, and a business lunch and evening banquet are scheduled.

A silent auction will be held throughout the day in the ballroom. Everyone is invited to stop by and place bids on contributed items and relics related to minerals, mining and mineral processing: old books, maps, stock certificates, artifacts, mineral specimens, etc. The proceeds help to support the MINE (Mineral Industry Education) scholarship program. If you have questions or items to contribute, contact Allan Johnson at 482-9097 or [amj@mtu.edu](mailto:amj@mtu.edu).

## VSLP Reminder

If you'd like to join the Voluntary Sick Leave Pool and you haven't already, the deadline is Monday, April 30. In exchange for three days of sick leave, the VSLP gives employees 100 days of additional leave in the event of catastrophic illness or injury to themselves or a close family member. For more information, call 487-2517 or e-mail [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.

## Teaching without Talking, Part 2

Center for Teaching, Learning, and Faculty Development



teachers can foster more engaging and productive learning environments.

One such model is "inquiry-centered teaching." In inquiry-based instruction, students naturally seek to master new material as they recognize the need for new tools to address an engaging question that has arisen in the pursuit of a real on-going inquiry. Finkel says that one advantage of inquiry-centered teaching is that it addresses the persistent student question, "Why do we have to learn this stuff?" Finkel quotes Rousseau who said, "One ought to demand nothing of [students] through obedience . . . Present interest; that is the great mover, the only one which leads surely and far."

John Dewey concurred that the secret to motivating students is to link interest to need. Dewey saw teaching as creating situations that generate a feeling of disequilibrium in students. Reducing the discomfort and disease associated with discordant perceptions can be a powerful motivator. Students will seek new tools, try thinking in different ways, and even alter their behavior if they think that will help them make some sense of whatever is producing cognitive dissonance.

Finkel argues that the present wave of student disengagement is not surprising, since asking students to master large chunks of abstract material over standardized time periods is antithetical to student engagement.

In effect, we say to our incoming students, "Welcome to the university. Life is a journey. For the next couple of years, we'll be concentrating on providing you with some really useful tools (albeit in rather familiar sounding, large, undigestible, and seemingly unrelated chunks) that will help you on the fascinating journey which is to come. Be patient. The bus will be leaving in two or three years.

By William Kennedy, director

Prof. Don Finkel, in his book *Teaching With Your Mouth Shut\**, suggests several ways

In the meantime, work hard." Be patient? Be serious!

Finkel says that many students find this explanation way too tenuous and remote to stir up any measure of the passion necessary for lasting learning of this preparatory material. Thus we encounter the persistent faculty complaint that many students don't seem to be retaining the material from term to term. Use it or lose it. "Pie in the sky, by and by" no longer does the trick for most of the students, Finkel says. He argues that we should fashion our entire curriculum around a rich selection of mutually engaging problems that require students to master and immediately employ the skills, attitudes, and behaviors that we associate with being educated citizens.

Inquiry-based courses would be built around an unanswered question, much like our Perspectives on Inquiry courses. In Finkel's model, students would select such courses based on interest. Teachers would 1) organize the inquiry, 2) provide seminal texts and assist students in discerning their meaning, 3) work with students to develop requisite skills to address the question at hand, 4) evaluate the quality of student work, and 5) participate in the inquiry. In one of his own courses, for example, Finkel determined students would need to 1) analyze logical arguments, 2) analyze dramatic action, 3) detect irony, 4) formulate useful questions about complex texts, 5) write expository essays addressing a clear question and defending a thesis, 6) constructively criticize peer writing, and 7) converse constructively, critically, and civilly with fellow students. He attempted to weave in these learning outcomes throughout the course, focusing on each one in a just-in-time approach as the inquiry unfolded.

I commend this fascinating little book to you. Let me know if you'd like to borrow our copy. This and hundreds of other titles that you are welcome to borrow are listed at <http://www.admin.mtu.edu/ctlfid/libraryquery.html>

## Library Sponsoring Poetry Readings, Friends' Lounge Dedication

"Open mike" readings will be held next week at the J. R. Van Pelt Library in honor of National Poetry Month, and the new Friends' Lounge will be dedicated.

All members of the MTU community are invited to participate in Poetry Open Enjoyment and Tribute (POET) Week. Anyone wishing to read their favorite poetry is invited to step up to the mike between 12:05 and 12:55 p.m., Tuesday-Friday, April 23-27, in the Friends' Lounge, on the library's main floor. All poetry lovers are encouraged to stop by and listen.

Anyone interested in reading is encouraged to sign up for a time slot either at the library's reference desk or by e-mail, [reflib@mtu.edu](mailto:reflib@mtu.edu).

**Phyllis Johnson**, director of the J. R. Van Pelt Library, will host a dedication and poetry reading on Monday, April 23, in the library's new Friends' Lounge, from 12:05 to 12:55 p.m.

The lounge is made possible thanks to the commitment and generosity of the Friends of the Library. During the open house, refreshments will be served, and library staff and Friends will read poetry. Everyone is invited.

## ***Are You Getting Sleepy?*** **Fred Winters is Back**

How is it humanly possible that in front of hundreds of people, Michigan Tech students will speak fluently in a nonsense language and make sense to the person they're talking to? How can a shy person believe that he is naked and display himself to the audience? How can a macho man behave like a poodle or a petite woman convincingly act like a bull mastiff? If you think this sort of thing just doesn't happen at Michigan Tech, come to the Fred Winters show at the Rozsa Center on Thursday, April 26, at 7:30 or 9:30 p.m. and experience the power of hypnosis. You'll also enjoy an evening of great entertainment. Tickets for the show are available from Rozsa Center Ticketing Services (487-3200; Monday-Friday, 8 a.m.-5 p.m.; Saturday, noon-5 p.m.) or at [www.tickets.mtu.edu](http://www.tickets.mtu.edu).

This year will be Fred's seventh at Tech, and all past shows have sold out. There's never any lack of enthusiastic volunteers to go up on stage and strut their stuff while under hypnosis, and they are often joined by others who become hypnotized in the audience. Fred always keeps the show fresh by introducing new segments and always watches his subjects carefully, making sure that they don't harm themselves in their enthusiasm to follow his often hilarious instructions. Don't worry, however, that you'll automatically become hypnotized if you're in the audience—it only works if you want it to.

The visit of Fred Winters is sponsored by the Student Entertainment Board, 487-2844.

## **Former Olympian Here April 24**

Sheila Taormina of Michigan, a 1996 Olympic gold medalist in swimming and sixth-place finisher in the 2000 Olympic Triathlon, will be the featured speaker at a luncheon Tuesday, April 24, at noon in the Memorial Union Ballroom. A pizza and pasta buffet will be served, followed by a short program with plenty of time for questions and answers.

Taormina's appearance is sponsored by the Presidential Advisory Council on Women in Athletics. Tickets are \$5 and can be purchased from any PACWA member or at the door. For more information, contact Cheryl DePuydt in the Physical Education Department, 487-2994, [cadepuydt@mtu.edu](mailto:cadepuydt@mtu.edu).

## **Geology Seminar April 24**

Rebecca Lange, an associate professor in the U of M Department of Geological Sciences, will give a seminar, "The Origin of Andesite Volcanoes, Arc Batholiths, and the Architecture of Continental Crust," on Tuesday, April 24, at 4:00 p.m. in Dow 641.

Lange's visit is sponsored by the Department of Geological Engineering and Sciences. All interested persons are invited.

## ***Parsons Dance Company at the Rozsa April 29***

*Submitted by University Cultural Enrichment*

One of the leading contemporary dance ensembles in America, the Parsons Dance Company brings a buzz of New York energy to Michigan Tech for one performance only at the Rozsa Center on Sunday, April 29, at 7:00 p.m. Tickets are available from Rozsa Center Ticketing Services (487-3200; Monday-Friday, 8:00 a.m.-5:00 p.m.; Saturday, noon-5:00 p.m.) or online at <http://www.tickets.mtu.edu>. The company is also offering a previously announced master class at 2:15 p.m. on April 29. Call 487-3200 for further information or to pre-register.

Choreographer David Parsons seems to believe that dance should first of all be fun. Combining a sense of humor and an imaginative sense of theater, Parsons' works are mesmerizing, upbeat, and full of vitality, and they always tell a story. The company is described by Australia's *Sydney Morning Herald* as full of "pizzazz, humor, and the sense that the performers are there to entertain the audience . . . [a company that] knows how to make your spirits rise." The *Toronto Star* calls them "one of the hottest tickets in American Dance."

Out of a dizzying choice of over forty works in the company repertory, the program will include a favorite signature piece, named "Caught," a clever solo in which the dancer seems to defy gravity, flying through the air in a sequence of strobe flashes that

show him caught in space, suspended in mid-leap. In an amusing change of pace, "Sleep Study" is a clever comment on the tosses, twitches, and turns of a sleepless night. One of the most popular pieces, "The Envelope," is a witty, offbeat work that mocks dancers and dance conventions with good-natured affection. A letter is "posted" from hand to hand (or mouth, as the case might be), but it has an unfortunate habit of boomeranging back. Danced to music by Rossini, slapstick humor alternates with tongue-in-cheek mystery. "Nascimento" is a kick-up-your-heels, bright and breezy piece, and a tribute to the infectious Latin music of the composer for whom the dance is named.

In the thirteen years of its existence, the Parsons Company has become a major player in the dance world. The ensemble has made an amazing climb to international prominence, performing in Australia, Brazil, England, France, Israel, Italy, Japan, Spain, and Germany. The company also performed for a worldwide television and live audience when Parsons was invited to choreograph "Times Square 2000," the New York Millennium celebration in Times Square.

The Parsons residency is made possible by funding from the James and Margaret Black Endowment, the Memorial Union Board, and the Committee for Campus Enrichment. The residency is coordinated by University Cultural Enrichment (487-2844).

## **SME Auction, Conference April 26**

The UP Section of the Society for Mining, Metallurgy, and Exploration (SME) will host its 83rd annual conference on Thursday, April 26, at the Best Western Franklin Square Inn. Geology, mining, and mineral processing presentations will be held during the day, and a business luncheon and evening banquet are scheduled.

A silent auction will be held throughout the day in the ballroom. Everyone is invited to stop by and place bids on contributed items and relics related to minerals, mining and mineral processing: old books, maps, stock certificates, artifacts, mineral specimens, etc. The proceeds help to support the MINE (Mineral Industry Education) scholarship program. If you have questions or items to contribute, contact Allan Johnson at 482-9097 or [amj@mtu.edu](mailto:amj@mtu.edu).

## **Alumnae Council Lunch-n-Learn: Own Your Own Business**

Assistant Professor **Dana Johnson** (SBE) will give a brown-bag lunch presentation, "Going It on Your Own: The Joys of Business Ownership," on Friday, April 20, from 12:05 to 12:55 p.m. in Fisher 101. Everyone is invited, and pop and cookies will be provided.

Johnson's talk is part of the Presidential Council of Alumnae's annual meeting. She is a 2001 PCA inductee. The event is sponsored by the SBE. If you have any questions, contact Judy Chapman, 487-2669.

## **Geo Science Teaching Workshop April 20**

On Friday, April 20, R. Heather Macdonald, chair of the College of William and Mary's Department of Geology, will give a workshop, "What Do You Want Your Students to Know and Be Able to Do? Developing Skills across the Geoscience Curriculum." Her presentation begins at 4:00 p.m. in Dow 641. Macdonald's interactive workshop demonstrates one approach to building student skills across the curriculum. Her visit is sponsored by the National Association of Geoscience Teachers and the Department of Geological Engineering and Sciences.

## **UPS Shipping Available from Campus Store, U Images**

Members of the campus community are reminded that they can take advantage of a little-known service: The Campus Store and University Images are official shipping sites for UPS. It's easy and convenient; just bring your personal packages to work and drop them off at either store.

## May Computer Classes

To register for classes, held at dL Education in Hancock, send an e-mail to the Center for Professional Development and Quality Improvement at [rwchrist@mtu.edu](mailto:rwchrist@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.

- Access level 1, May 11, 9 a.m.–noon
- Access level 2, May 18, 9 a.m.–noon
- Access level 3, May 25, 9 a.m.–noon
- Excel level 1, May 17, 8:30-11:30 a.m.
- Excel level 2, May 17, 12:30-3:30 p.m.
- HTML, May 15, 9 a.m.–4 p.m.
- PowerPoint, May 24, 8:30 a.m.–3:30 p.m.
- Publisher, May 31, 8:30-11:30 a.m.
- QuickBooks, May 1, 9 a.m.–4 p.m.
- Windows level 1, May 3, 8:30-11:30 a.m.
- Windows level 2, May 3, 12:30-3:30 p.m.
- Word level 1, May 10, 8:30-11:30 a.m.
- Word level 2, May 10, 12:30-3:30 p.m.
- Word level 3, May 31, 12:30-3:30 p.m.

The charge is \$60 for three-hour classes, \$120 for six-hour classes, billed to your account the month following attendance.

## POSITIONS AVAILABLE AT MICHIGAN TECH

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

For a complete listing of available jobs, visit <http://www.admin.mtu.edu/hro/postings/index.shtml>

The following positions will be posted Friday, April 20, 2001, at 1:00 p.m. through noon, Friday, April 27, 2001, in the Human Resources Office.

- Secretary II N4—Mechanical Engineering—Engineering Mechanics (UAW internal and external posting)
- Library Assistant N4—J. R. Van Pelt Library (UAW internal and external posting)

University employees are reminded to apply in writing prior to noon, Friday, April 27, 2001, 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.

## Heyman Cited in Pulitzer Prize-Winning Series

Professor **Josiah Heyman** (Social Sciences) was cited in the *Oregonian's* series on the Immigration and Naturalization Service, which won the 2000 Pulitzer Prize for public service.

The Portland newspaper published a six-part series on the INS, detailing widespread problems within the agency. Heyman, an anthropologist, is an expert on US-Mexico border issues and has written extensively about the INS.

You can read the series, "Liberty's Heavy Hand," at <http://www.oregonlive.com/ins/>. Heyman is quoted in Part 5.

Heyman was referred to the *Oregonian* by internal communications manager **Marcia Goodrich** as part of the media services provided by News and Information Services in University Relations.

## Sports Shorts

by *Dave Fischer*

### Hockey Banquet Friday

The annual Blueline Club Hockey Awards Dinner is set for Friday, April 20, in the Memorial Union Ballroom. The event includes a social at 6:00 p.m., followed by dinner at 7:00 p.m. and the awards ceremony after dinner. The Merv Youngs Award, given to the Huskies' Most Valuable Player, is among the honors to be handed out at the event.

Tickets are \$17.50 for adults and \$10 for kids 12 and under. All tickets must be purchased in advance, either through the hockey office (487-2104) or from a Blueline Club board member. All are welcome.

### Bailey, Cameron Named to Academic/Athletic Honor Teams

Senior **Allison Bailey** of the women's basketball team and sophomore **Matt Cameron** of the men's basketball team have both been honored by the Basketball Coaches Association of Michigan.

Bailey, who owns a 3.66 GPA in biology, was one of five players selected to the BCAM Women's Academic/Athletic Honor Team. She recently concluded a stellar, four-year career at MTU, one that included helping the Huskies to a 98-24 total record, four straight appearances in the NCAA Tournament, and three straight GLIAC North Division titles.

Cameron, who sports a 3.41 GPA in mechanical engineering, was one of five players selected to the BCAM Men's Academic/Athletic Honor Team. He helped the Huskies to an 18-10 record this past season and a share of the GLIAC North Division title.

Each BCAM honor team pays tribute to five outstanding scholar-athletes from Michigan colleges and universities. The BCAM teams were selected on the basis of academic achievement, athletic accomplishment, and grade point average.



## April

### Fair Housing Month

- 19 Thursday**  
**8:00 p.m.**—*Guys and Dolls*—Rozsa Center  
**8:00 p.m.**—Free Art Fest Film: *An American in Paris*—Fisher 135
- 20 Friday**  
**noon**—Dana Johnson, "Going It on Your Own: The Joys of Business Ownership"—Fisher 101  
**4:00 p.m.**—R. Heather Macdonald, "Developing Skills Across the Geoscience Curriculum"—Dow 641  
**6:00/7:15 p.m.**—Club Indigo dinner/movie: *Lies My Father Told Me*—Calumet Theatre  
**8:00 p.m.**—*Guys and Dolls*—Rozsa Center
- 21 Saturday**  
**8:00 p.m.**—*Guys and Dolls*—Rozsa Center
- 22 Sunday**  
**7:00 p.m.**—Echoes from Heaven Gospel Choir, "Where Peaceful Waters Flow"—Rozsa Center
- 23 Monday**  
**8:00 a.m.**—Grad Dean Search Committee Meeting—Memorial Union 105  
**12:05 a.m.**—Dedication of Friends' Lounge—J. R. Van Pelt Library
- 24 Tuesday**  
**12:05–12:55 p.m.**—Open mike poetry readings—Library Friends' Lounge  
**4:00 p.m.**—Rebecca Lange, "The Origin of Andesite Volcanoes, Arc Batholiths, and the Architecture of Continental Crust"—Dow 641  
**8:00 p.m.**—Free Art Fest Film: *Shall We Dance*—Fisher 135
- 25 Wednesday**  
**12:05–12:55 p.m.**—Open mike poetry readings—Library Friends' Lounge  
**8:00 p.m.**—Douglas Adams, "Living in a Virtual World"—Rozsa Center
- 26 Thursday**  
**all day**—UP SME Section conference and auction—Memorial Union Ballroom  
**all day**—Take Our Daughters to Work Day  
**12:05–12:55 p.m.**—Open mike poetry readings—Library Friends' Lounge  
**7:30&9:30 p.m.**—Hypnotist Fred Winters—Rozsa Center
- 27 Friday**  
**12:05–12:55 p.m.**—Open mike poetry readings—Library Friends' Lounge  
**1:00–4:30 p.m.**—Open house for Federal Depository—Library Government Documents Section
- 29 Sunday**  
**7:00 p.m.**—Parsons Dance Company—Rozsa Center

## DEAN OF THE GRADUATE SCHOOL

### DRAFT JOB CLASSIFICATION AND DESCRIPTION FOR INTERNAL SEARCH

In accord with the provisions of Senate Proposal 12-01, the Search Committee for the Dean of the Graduate School is pleased to present the draft job description for the Dean of the Graduate School for review and consideration by the Michigan Tech faculty, staff, and students.

Faculty, staff and students are invited to submit written comments to the Search Committee via e-mail by Saturday, April 21. A public meeting of the Search Committee will be held on Monday, April 23 at 8:00 A.M. in Room 105 of the Memorial Union. At that time, the Search Committee will consider and discuss the written comments. Faculty, staff and students are also invited to participate in the discussion. As a result of this discussion, the Search Committee may revise the draft job classification and description.

Comments may be submitted to any member of the Search Committee:

C. Robert Baillod (baillod@mtu.edu) Chair, Civil and Environmental Engineering  
John Jaszczak (jaszczak@mtu.edu) Vice-Chair, Physics  
Leonard Bohmann (ljbohman@mtu.edu) Electrical Engineering  
Heidi Bostic (hlbostic@mtu.edu) Humanities  
Betty Chavis (ythbetty@mtu.edu) Educational Opportunity  
Peg Gale (mrgale@mtu.edu) Forestry  
Anil Jambekar (abjambek@mtu.edu) Business and Economics  
Charles Kerfoot (wkerfoot@mtu.edu) Biological Sciences  
Pat Martin (pem-194@mtu.edu) Social Sciences  
Glenn Mroz (gdmroz@mtu.edu) Forestry  
Michelle Trim (mdtrim@mtu.edu) Humanities  
Song-Lin Yang (slyang@mtu.edu) Mechanical Engineering-Engineering Mechanics

### MICHIGAN TECHNOLOGICAL UNIVERSITY CLASSIFICATION DESCRIPTION

Job Title:	DEAN OF THE GRADUATE SCHOOL
Department:	GRADUATE SCHOOL
Salary Range:	COMMENSURATE WITH EDUCATION AND EXPERIENCE
Exempt (Y/N):	YES
Supervisor:	PROVOST AND SENIOR VICE PRESIDENT FOR ACADEMIC AND STUDENT AFFAIRS

**SUMMARY:** The Dean of the Graduate School will provide strong leadership and vision for the advancement and growth of Graduate Studies at Michigan Technological University. He or she will commit to the advancement of graduate education and research consistent with University's strategic planning priorities.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** are as follows. Other duties may be assigned.

- Act as principal administrative graduate officer for the University.
- Develop and responsibly administer the Graduate School budget.
- Foster and support the funding and development of graduate studies.
- Advocate vigorously for graduate students and activities both within the University and with outside entities.
- Develop and implement a plan for the Graduate School that supports the University's Strategic Plan.
- Increase the size of the graduate student population and the overall rate of awarding of graduate degrees.
- Coordinate a balanced growth of graduate programs, including the creation of new graduate programs, while ensuring quality of existing programs.
- Develop and implement a nationwide marketing and recruiting plan for attracting high quality and underrepresented graduate students.
- Increase and maintain a high quality of living for graduate students.
- Advocate research, scholarship, and creative activities of all Michigan Tech constituencies.
- Create effective means of stimulating and enabling interdisciplinary interactions that further the goals of the University.
- Lead the relevant university constituencies in a discussion on the allocation of support for graduate students.
- Work closely with the Vice President for Research, academic deans, and chairs to coordinate research and scholarly programs.
- Work closely with the University's Graduate Faculty Council and the Graduate Student Council to develop and implement academic policies and procedures.

*(Continued on reverse)*

**ESSENTIAL DUTIES AND RESPONSIBILITIES** continued:

Work closely with academic units to strengthen and develop graduate degree programs.

Serve on the Research Advisory Council.

Ensure that periodic reviews of graduate degree programs are performed and recommendations are implemented.

Represent the Graduate School within Michigan Tech and to various state, national and international organizations, committees, conferences and delegations.

Work closely with the Dean of Distance Learning to ensure that Michigan Tech's distance graduate degree programs are offered and conducted at the same high level of quality that we expect of our on-campus degree programs.

Negotiate agreements for distance graduate degree programs with off-campus partners, in conjunction with the Dean of Distance Learning.

**SUPERVISORY RESPONSIBILITIES:**

The Dean of the Graduate School will lead a unit that presently consists of 5 support staff members.

**QUALIFICATION REQUIREMENTS:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**EDUCATION and EXPERIENCE:****REQUIRED:**

Earned Ph.D. or equivalent degree.

A record of achievement that warrants being appointed as tenured full professor in a department, school, or college at Michigan Tech.

**DESIRABLE (rank ordered with the most important items listed first):**

Experience in obtaining external support for, and directing supported graduate students.

Successfully directed at least one master's and one doctoral candidate to completion of degree requirements.

Administrative experience commensurate with a position of dean of a graduate school.

Experience as a research principal investigator on a project in which graduate students based their thesis or dissertation research studies.

Experience recruiting graduate students.

Experience serving on graduate advisory committees outside of one's own department or school.

**OTHER SKILLS AND ABILITIES:****REQUIRED:**

Possesses integrity and high ethical standards.

A strong commitment to the education, health and well being of graduate students.

Excellent interpersonal communication skills and an ability to work with people.

Demonstrated fiscal responsibility and ability to manage budgets.

Ability and willingness to travel.

**DESIRABLE (rank ordered with the most important items listed first):**

Demonstrated ability to apply innovative and creative approaches to problem solving.

Demonstrated ability or potential to develop graduate-studies policy.

A demonstrated strong commitment to diversity in higher education.