

## *News*

### **Reminder: Native American Recruitment Speaker on Campus**

submitted by the Office for Institutional Diversity

The Office for Institutional Diversity is excited to welcome Margaret Noori to Michigan Tech on Feb. 27-March 1, as part of our King-Chavez-Parks Visiting Women and Minority Lecturer/Scholar Series. Noori is the director of the Comprehensive Studies Program (CSP) and a faculty member in the Department of American Culture, Native American Studies at the University of Michigan (U-M). CSP.

While here, she will meet with deans, chairs and staff to discuss strategies for enhancing Native American outreach, collaboration and recruitment; talk with Native American students and describe the history and outcomes of the CSP at U-M, aimed at improving student success.

On Thursday, Feb. 28 from 2 to 4 p.m. at GLRC 202, we invite you to attend Noori's presentation on the Comprehensive Studies Program at U-M with a question-and-answer session to follow. Guy Meadows, Director, Great Lakes Research Initiatives will join Noori in her presentation, as they worked together on the development of the M-STEM program at U-M, a structured bridge program for the first two years of transition for high school to STEM fields at the university.

On Friday, March 1 at 8:30 a.m. in the MUB Alumni Lounge B, Noori will hold a presentation and interactive discussion on the recruitment and retention of Native American students, faculty, and staff and strategies to encourage Native American outreach and partnerships. A continental breakfast will be served.

RSVP to Courtney Hohnholt [chohnhol@mtu.edu](mailto:chohnhol@mtu.edu) and encourage other interested faculty and staff to attend.

### **Employee Scholarship Deadlines Approaching**

#### Sons and Daughters Scholarships

Michigan Tech Employee Sons and Daughters Scholarship applications, valued at \$100 each, are available for the 2013-14 academic year. Applicants must be children of Michigan Tech employees. Applications must be submitted by Thursday, Feb. 28, and are available online at Sons and Daughters.

#### Leann Becia Family/AFSCME Scholarships Available

Two \$250 Leann Becia Family/AFSCME Scholarships are available for 2013. Applicants must be the son, daughter or spouse of a current AFSCME Local 1166 member. Applications, which must be submitted by Feb. 28, are available at Becia Family/AFSCME.

Both scholarships require that applicants be full-time Michigan Tech undergraduates in their first four years of study or high school students planning to enroll for fall 2013.

In addition to being available online, applications for these scholarships are also available in the Financial Aid Office, Administration/Student Services Room 160.

For more information, contact Marie Ryding, secretary of the Scholarship Committee, at 7-2622 or at [maryding@mtu.edu](mailto:maryding@mtu.edu).

### **Reminder: Nominations for Instructional Innovation Award Due**

Nominations for the Fredrick D. Williams Instructional Innovation Award are due Friday, March 1. For

information about the award, along with the nomination form, see, Center for Teaching and Learning.

**Reminder: Place Your Cap and Gown Rental Orders**

Spring Commencement will be held at 10:30 a.m., Saturday, May 4, in the MacInnes Student Ice Arena.

Faculty who need to rent a cap and gown should be measured at the Campus Bookstore in the Memorial Union.

In order to avoid shipping costs, orders for caps and gowns need to be placed by March 1. Any order placed after March 1 will be assessed a shipping fee. After 4 p.m., March 15, cap and gown rental is not guaranteed, and you will be responsible for any applicable shipping fees.

To coordinate your rental, contact Beckie Belanger, Campus Bookstore, at 7-2410 or [bmbelang@mtu.edu](mailto:bmbelang@mtu.edu) .

You may also order online from the Campus Bookstore at Cap and Gown.

**CTL Annual Distinguished Teaching Award Finalists**

The Center for Teaching and Learning (CTL) seeks input for its annual Distinguished Teaching Awards, which recognize outstanding contributions to the instructional mission of the University.

Based on over 51,000 student rating-of-instruction forms, eleven finalists have been identified for the 2013 awards. The selection committee is soliciting comments from students, staff, faculty, and alumni to aid in its deliberation process.

The finalists for the two awards include:

Associate Professor/Professor Category

Professor Andrew Burton (School of Forest Resources and Environmental Science)

Associate Professor Guy Hembroff (School of Technology)

Professor Bruce Mork (Electrical and Computer Engineering)

Associate Professor Nilufer Onder (Computer Science)

Associate Professor Christopher Plummer (Visual and Performing Arts)

Assistant Professor/Lecturer/Professor of Practice Category

Assistant Professor Jared Anderson (Visual and Performing Arts)

Assistant Professor Frank Christiana (Aerospace Studies)

Professor of Practice Karyn Fay (Biological Sciences)

Assistant Professor Scott Miers (Mechanical Engineering - Engineering Mechanics)

Assistant Professor Kazuya Tajiri (Mechanical Engineering - Engineering Mechanics)

Assistant Professor Thomas Werner (Biological Sciences)

Comments on the nominees are due by Saturday, March 30.

The process for determining the Distinguished Teaching Award recipients from this list of finalists also involves the additional surveying of their classes. The selection committee makes the final determination of the award recipients. The recipients of the 2013 Distinguished Teaching Award will be formally announced in

May 2013.

For more information, contact Nancy Seely at 7-2046 or nsseely@mtu.edu .

### **Summer Youth Programs--Seeking Trip Leaders, Instructors, Lifeguards**

Summer Youth Programs is seeking instructors, outdoor guides and lifeguards for this summer's explorations. These are paid positions and run between June 23 and Aug. 3. Each exploration lasts one week, and instructors can teach one or several explorations.

Outdoor Instructors must have some type of training (WFR, First Aid, Blood Borne Pathogens, Leave no Trace, Lifeguard, etc.).

Lifeguards need a current lifeguard certification or evidence that a certification will be issued before SYP begins.

In-house Explorations instructors should have First Aid and CPR training, and a background in the exploration they're teaching.

Trips/Explorations needing instructors:

Backpack Isle Royale: July 14-20

Ecology and the Environment: July 14-20

Backpack the Porkies: July 21-27

Aquatic Ecology: July 21-27

Backpack the Porkies: July 28-Aug. 3

Detailed information about these explorations can be found at Explorations.

For more information or to apply, contact Tom Maynard at 7-1448.

### **Kenneth L. Stevenson Biomedical Engineering Fellowship Program**

The Department of Biomedical Engineering is now accepting applications for the Kenneth L. Stevenson Biomedical Engineering Summer Research Fellowship Program. The primary goal of the program is to provide deserving undergraduate and beginning graduate students the opportunity to participate in meaningful Biomedical Engineering research at Michigan Tech. Specifically:

a) Undergraduate students (two awards): Undergraduates will receive undergraduate-to-graduate transitional research fellowships of \$4,000 each. Students entering their junior and senior years will be considered. The award is intended to introduce students to the rigors associated with graduate-level research in biomedical engineering.

b) Graduate students (two awards): Students who have completed an undergraduate degree prior to the fellowship period and are beginning studies in Michigan Tech's biomedical engineering graduate program (PhD or MS) will receive fellowships of \$5,000 each in support of intensive summer research. These awards will allow students to establish their research in the initial phase of their graduate studies.

The application process is now open. For information regarding the application process and materials, contact the Biomedical Engineering Department Chair Sean J. Kirkpatrick at sjkirkpa@mtu.edu or in person in M&M 301. Applications for these annual awards are due by noon, March 15. Fellowship recipients will conduct a

research project under the guidance of a Michigan Tech Department of Biomedical Engineering faculty mentor during the summer term.

### **High-Tech Classrooms Usher in a New Era of Teaching**

by Marcia Goodrich

Gordon Parker hoped the new classroom would improve the learning experience for one of his graduate classes. He didn't expect to cover nearly a third more material.

"It's crazy," says the John and Cathi Drake Professor in Mechanical Engineering. "I've never been able to get that far with this class. And it's not like I just opened up the hose and talked faster."

The technology that made it possible was funded by a combined gift from the families of alumni Paul, Sean and Todd Fernstrum.

The full release is available here.

### **Bigfoot Snowshoe Event Shirts**

Bigfoot Snowshoe Event shirts are still available! If you attended the event, please call or email at 7-2553 or wellness@mtu.edu to reserve your size today. Shirts can be picked up at the OAP house Monday to Friday between noon and 5 p.m., or shirts can be sent through interdepartment mail. If you did not attend the event, shirts are available for \$15.00 while supplies last.

## ***Entertainment and Enrichment***

### **March First Friday Social**

Faculty, staff and graduate students are invited to attend the March First Friday University Social from 4 to 6 p.m., March 1, on the 4th floor of the MEEM. Complimentary beer, wine and snacks will be provided.

This month's social is sponsored by mechanical engineering. There will be demonstrations of the new multimedia classrooms--the Fernstrum Family Adaptable Classroom (402) and the Fernstrum Family Classroom (406). Come and meet your colleagues in a relaxed atmosphere and see the new facilities.

The First Friday University Socials began in 2006 to provide a casual setting for members of the campus community to get together informally, share their work and get to know each other. Such informal gatherings often lead to more productive work relationships and an appreciation for diversity.

To increase the effectiveness of the initiative, this academic year will continue to feature departmental partners who will sponsor each month's event. April's social will be co-sponsored by Alumni Relations and University Marketing and Communications. If your department is interested in hosting a future social or would like more information, please contact Megan Ross at 7-3123 or mross@mtu.edu.

## ***Seminars and Workshops***

### **Chemistry Seminar**

Caroline Chick Jarrold from the Department of Chemistry at Indiana University will present a seminar, "Metal Oxide Cluster Anions: Useful models for defect sites," on Friday, March 1, at 3 p.m. in Chem Sci 101. A

discussion period will follow and refreshments will be served. All are welcome to attend.

For more information, visit Chemistry Seminar.

### **ME-EM Graduate Seminar Thursday**

Steve Przesmitzki, the technology development manager of the United States Department of Energy's Vehicle Technologies Program, will be the ME-EM Graduate Seminar speaker for Thurs., Feb. 28 at 4 p.m., in MEEM 112. His presentation is entitled, "DOE Fuels and Lubricants Subprogram."

### **Biological Seminar Friday**

Ahna Skop, associate professor, laboratory of genetics, University of Wisconsin, Madison, will be presenting, "Too Creative for Science," Friday, March 1, 2-3 p.m., GLRC 202.

Skop is a geneticist and artist. Understanding how cells divide asymmetrically is highly dependent on in vivo microscopy and large amounts of visual data, which dovetails perfectly with one of her other passions, art. The combination of scientist and artist inspires her to think differently and maintain an open mind. Her presentation will be about both her science and her art.

## ***Regular Features***

### **On the Road**

Louise Nelson Dyble presented a paper on her current research on Chicago's Calumet River entitled, "Fate of the Calumet: Continuity and Confluence between Economic Policy and the Urban Environment." The paper was presented as part of the "Conference on Rivers, Cities, Historical Interactions" at the Rachel Carson Center in Munich, Germany, Feb. 21-23.

### **In the News**

Joshua Pearce (MSE/ECE) and his group's work with open-source 3-D printing were quoted or featured in:

\*Chemical and Engineering News: 3-D Printers Move Into Research Labs.

\*The cover story of Science News: The 3-D Printing Revolution Dreams made real, one layer at a time.

\*The Analytical Scientist: Share, and We All Grow Richer.

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The Business Officers February 2013 magazine features an article, "Learning Lean Process Improvement, One Little Change at a Time." The article highlights Michigan Tech Dining Services Lean initiatives that little by little saved approximately \$1 million.

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Michigan Tech's last-second men's basketball victory Saturday made ESPN's top ten plays of the day. See Hoops.

**In Print**

Joshua Pearce (MSE/ECE) co-authored an article "Progress in Indium Gallium Nitride Materials for Solar Photovoltaic Energy Conversion" in Metallurgical and Materials Transactions.

**Job Posting**

Staff and faculty job descriptions are available in Human Resources or at <http://www.mtu.edu/hr/job-postings/>. For more information regarding staff positions, call 487-2280 or email [jobs@mtu.edu](mailto:jobs@mtu.edu). For more information regarding faculty positions, contact the academic department in which the position is posted.

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