

News

Michigan Tech Magazines in UMC

Extra Michigan Tech Magazines are available for individuals and departments. They can be used to highlight University activities as part of recruitment and development efforts.

The magazines are free for the taking in the University Marketing and Communications office, on the ground floor of the Administration Building. For more information, contact Mechelle Normand, 7-2360.

Senate to Meet Tonight

The University Senate will meet tonight at 5:30 pm in room B45 of the EERC. Following is the agenda for this meeting with links to the minutes and proposals.

- 1) Roll Call of Senators and Recognition of Visitors
- 2) Approval of Agenda
- 3) Approval of Minutes from Meeting #527.
- 4) Open Discussion: "The Role of the Senate at Michigan Tech"
- 5) Reports
 - a. Senate President
 - b. Senate Standing Committees
- 6) Old Business:
 - a. Proposal 7-13: "Tobacco-Free Campus" presented by Senate Executive Committee (Voting Units: Full Senate)
- 7) New Business:
 - a. Proposal 11-13: "Proposal to Shelve a Degree Program: B.S. in Operations and Systems Management" presented by Curricular Policy Committee (Voting Units: Academic)
 - b. Proposal 12-13: "Modification to Search Procedures for College Deans" presented by Administrative Policy Committee (Voting Units: Full Senate)
 - c. Proposal 14-13: "Modification to Early Tenure Policy" presented by Academic Policy Committee (Voting Units: Academic)
 - d. Proposal 15-13: "Proposal for a New Concentration in Business Analytics" presented by Curricular Policy and Finance Committee (Voting Units: Academic)
 - e. Proposal 16-13: "Proposal for a New Certificate in Business Analytics" presented by Curricular Policy and Finance Committee (Voting Units: Academic)
 - f. Proposal 17-13: "Proposal to Amend University Senate Policy 418.1: Graduate Scholastic Standards" presented by Instructional Policy Committee (Voting Units: Academic)
- 8) Adjournment

SURF Reminder

Proposals, applications and faculty letters of support for 2013 Summer Undergraduate Research Fellowships (SURFs) are due by noon on Friday, Jan. 25. Email the materials to surf@mtu.edu. See <http://www.mtu.edu/surf> for further details.

Tech's New Ice Plant Making More Than Ice

by Wes Frahm, director, athletic communications and marketing

Michigan Tech replaced the ice-making system in the John MacInnes Student Ice Arena last summer, removing the building's original Freon 22 direct system and installing an ammonia brine indirect system.

The reviews of the ice from rink users are very positive, but the most impressive part of the new system might be its reduced impact on the environment and the University's budget.

"What you have is the most environmentally friendly and energy-efficient system available," said Mark Rodorigo, owner and CEO of Commercial Refrigeration of Virginia, Minn., which did the initial installation of the new system. "We replaced the Freon R-22, which is an ozone-depleting chemical, with anhydrous ammonia, an all-natural substance. Plus, we're reclaiming the waste heat. You have reduced your carbon footprint tremendously." For the rest of the article, see Ice Plant.

Michael Neuman Named IEEE Fellow

Michigan Tech professor Michael R. Neuman has been named a Fellow of IEEE for his contributions to the advancement of biomedical sensors and instrumentation with clinical applications.

Neuman is on the faculty of the Department of Biomedical Engineering, where he served as department chair from 2003 to 2010. His research interests lie in biomedical sensors and instrumentation, physiological measurements, perinatal medicine and clinical applications of biomedical instrumentation. He has published 170 journal papers, chapters and books and 250 conference presentations and abstracts. He received five patents for medical devices, two of which became commercial products.

Neuman has served as editor of IEEE Transactions on Biomedical Engineering and the British journal Physiological Measurement. He is currently the editor-in-chief of IEEE Pulse.

In 2004 Neuman received the IEEE Engineering in Medicine and Biology Society Career Achievement Award. He is also a Fellow of the Biomedical Engineering Society, the American Institute for Medical and Biological Engineering, the Institute of Physics (UK) and the Institute of Physics and Engineering in Medicine (UK). Neuman is the faculty co-advisor the International Business Ventures Enterprise team at Michigan Tech.

IEEE fellows are chosen for extraordinary accomplishment in their field.

IEEE, the Institute for Electrical and Electronics Engineers, with more than 400,000 members, is the world's largest professional association dedicated to advancing technological innovation and excellence.

Seminars and Workshops

Biological Sciences Seminar

Professor W. Charles Kerfoot (Bio Sci) will present "A rare glimpse into the past: Lake sediment reveals long-term methyl mercury record," Friday, Jan. 25, 2-3 p.m., GLRC, Room 202.

Civil Engineering Graduate Seminar

This Thursday, Jan. 24, at 4 p.m. in Dow 642 the weekly civil engineering graduate seminar series will begin. Our first speaker will be Dave Reed, vice president for research. Reed will address various topics associated with his office and the University's commitment to research. He will also answer questions from the audience. All members of the Michigan Tech community are invited to attend.

Regular Features

Job Posting

Faculty job descriptions can be found at www.admin.mtu.edu/hro/facpers/facvac.htm . For more information

regarding faculty positions, contact the academic department in which the position is posted.

Mathematical Sciences, Lecturer/Computer Lab Coordinator

Michigan Technological University is an equal opportunity educational institution/equal opportunity employer.