MichiganTech
TECH TODAY
January 22, 2013
Michigan Technological University Faculty/Staff Newsletter * Published Daily by University Marketing and Communications

News

Worried About the Weather?

With winter weather upon us, this is a reminder that now is a good time for departments to discuss procedures for communication regarding weather-related absences. During times when weather conditions deteriorate, each person in the University community must exercise personal judgment about their ability to get to or from campus.

Interruptions to your work because of weather are no different from other events that cause us to leave work early or arrive late. The first thing employees should do is contact their supervisor directly and explain the situation.

Hourly employees can use vacation or comp time to make up for the hours missed due to bad weather. Exempt employees would be expected to fulfill their regular job responsibilities.

For concerns or questions, employees should contact Assistant Vice President for Administration Theresa Coleman-Kaiser at 7-2280 or at tacolema@mtu.edu.

Seminars and Workshops

Faculty Presentation: Marie Buche

Please join the School of Business and Economics and Associate Professor of Management Information Systems Mari Buche for a brown bag lunch presentation at Noon, on Jan. 23 in Academic Office Building 101. Her presentation is titled: “Lessons Learned: Chronicles of a Sabbatical Experience.”

Upcoming ME-EM Graduate Seminar

Mark R. Vaughn (ME-EM), a research professor at Michigan Tech will be the Jan. 24 graduate seminar speaker at 4 p.m. in MEEM 112. His presentation is entitled “Energy Storage for Power Grid Integration of Renewables."

Biomedical Engineering Candidate Seminar

Alice Yuze Sun of the National Institutes of Health will present a seminar, “Optofluidics in Biological and Chemical Sensing,” at 2 p.m., on Thursday, Jan. 24, in Dillman 320. Sun is a faculty candidate in the Department of Biomedical Engineering.

Library Matters: EndNote Workshops

EndNote is a citation management software that helps you easily create and manage bibliographic information and incorporate references into your writing. In other words, EndNote streamlines the research and reporting process.

Seating for these workshops is limited and registration is required. To register please visit: EndNote LibGuide

Upcoming sessions:

EndNote Basic I: Creating and Organizing an EndNote Library on Jan. 25, Noon
The Van Pelt and Opie Library is offering a one-hour introductory workshop on creating and managing references using the citation management software, EndNote.

In this workshop participants will learn how to:

*Build an EndNote collection of citations (i.e., EndNote library)
*How to manage an EndNote library

EndNote Basic II: Cite While You Write (CWYW) on Jan. 25, 1:15 p.m.
The library is offering a one-hour EndNote Workshop on how to incorporate your EndNote Library citations into a written document (MS Word). Attendance of EndNote Basic I Workshop, or prior knowledge of building and managing an EndNote library, is highly recommended.

In this workshop participants will learn how to:

*Incorporate EndNote Library references into a written document (MS Word)
*Import specialized output styles

EndNote Special Topics: Working with Travel Libraries Jan. 25, 2:30 p.m.
Do you want to use EndNote to collaborate with classmates or colleagues using Word? An EndNote Traveling Library can help. A Traveling Library is a subset of your EndNote Library which contains only the citations that appear in your paper. The library is offering a forty-five minute EndNote Workshop on EndNote Traveling Libraries. Attendance of EndNote Basic I & II Workshops, or prior knowledge of building and managing an EndNote library, is highly recommended.

In this workshop participants will learn how to:

*Import EndNote Citations from a Word doc into their EndNote Library
*Share a Travel Library with others

Note: Our sessions use EndNote X6 on PCs. Laptop users are encouraged to update their versions of EndNote prior to the session. See the library's EndNote Download page.

Upcoming SFHI On-campus Interview Seminars
The next Water Strategic Faculty Hiring Initiative (SFHI) candidate is scheduled for this week. Daisuke Minakata, a candidate for the Engineered Water Systems position, is a Research Engineer at Brook Byers Institute for Sustainable Systems in the Department of Civil and Environmental Engineering at Georgia Institute of Technology. Minakata will present "Mechanistic Insights in the Aqueous Phase Advanced Oxidation Processes: Reaction Rate Constant Prediction and its Application" at 11 a.m. on Thursday, Jan. 24, in Rekhi G06.

The second candidate for the Engineered Water Systems position, Appala Raju Badireddy, is a Post-doctoral Research Associate in the Department of Civil and Environmental Engineering and the Center for the Environmental Implications of NanoTechnology at Duke University. Badireddy will present "Unraveling the Biophysicochemical Mechanisms at Surrogate Pathogen and Nanoparticle/Membrane Interfaces: Implications for Water Treatment and the Environment" at 11 a.m. on Thursday, Jan. 31, in Rekhi G06.

The final candidate for the SFHI Water Physical Oceanography and Hydrodynamic Modeling position, Val Bennington, will visit Michigan Tech Feb. 3-5. Bennington is an assistant scientist in the Center for Climate Research at the University of Wisconsin-Madison.

The SFHI Transportation candidates for the Rail Transportation (Transportation Policy and/or Economics; or

Multimodal Systems Analysis) position are as follows. More information will be forthcoming as their itineraries are developed.

Jan. 28-30: Kuiling Zhang, Argonne National Laboratory
Jan. 30-Feb. 1: Arthur Huang, Valparaiso University
Feb. 4-6: Keivan Ghoseiri, BNSF Railway Company

The SFHI Transportation Concrete Materials Steering Committee is currently evaluating candidates. On-campus interviews are anticipated in mid-February. Please visit the link for the Online Evaluation Tool to check for updates on all of the SFHI campus visits.

The SFHI search committees for both Water and Transportation encourage faculty and staff who interact with the SFHI candidates to evaluate the candidates using this Online Evaluation Tool.

These evaluations should be completed as soon as possible after the candidates' visits. These evaluations will be an integral part of the SFHI Water and Transportation Search Committees' overall evaluations of the candidates. All of the information is now online for last week's candidates, so those evaluations can now be completed.

Regular Features

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

Food Service Helper, Dining Services

AFSCME Internal and External Posting

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

In the News
Chemistry and Industry Magazine published a story about the use of open-source 3-D printing to make inexpensive laboratory equipment developed by Joshua Pearce (MSE/ECE) and his research group. For more on the story see, Chemistry and Industry.

Proposals in Progress
Assistant Professor Kim Fook Lee (Physics), "Continuous Weak Measurement of Single Electron Spins in Diamond," NSF.

Assistant Professor Jinfeng Jiang (Biomed/BRC), Professor and Chair Sean Kirkpatrick (Biomed/BRC), Assistant Professor Bruce Lee (Biomed/BRC), Assistant Professor Rupak Rajachar (Biomed/BRC) and Adjunct Assistant Professor Gowtham Shankara (Physics/BRC), "Virtual Breast Project: Improving Noninvasive Characterization of Tumors," NSF.

Associate Professor Martin Thompson (Chemistry/BRC), "Examination of Cancer-Associated Polybromo-1

Mutants Using Designer Nucleosomes," US Department of Health and Human Services.

Assistant Professor Jason Gulley (GMES/CWS), "Collaborative Research: Understanding How Changes in the Supraglacial and Subglacial Drainage System Affect the Dynamic of the Greenland Ice Sheet Over Multiple Timescales," NSF.