

CAMPUS REPORT

DATE: February 15, 2010
TO: Board of Regents
FROM: W. Franklin Gilmore, Chancellor, Montana Tech of The University of Montana
RE: Campus Report for the March 4-5, 2010 Board of Regents' Meeting

- Effective January 1, 2010, Professor Dan Trudnowski was selected to be a Fellow of the Institute of Electrical and Electronic Engineers. Fellows are nominated by other IEEE members for their outstanding work in engineering, science and technology.
- The Montana Bureau of Mines and Geology (MBMG) began a new program focusing on the investigation of groundwater and surface water in predominately high growth areas of Montana. The Groundwater Investigation Program (GWIP) will provide detailed information on groundwater/surface water interaction in high priority sub-basin sized study areas.
- **Dr. Courtney Young has been invited to help found the North American Extractive Metallurgy Council (NAEMC) which will serve as a liason between three professional societies/divisions of SME/MPD, TMS/EPD and CIM/MetSoc in order to improve programming by minimizing duplication and maximizing attendance.**
- Dr. Pat Munday, Professor of Science & Technology Studies in the Professional & Technical Communication Department, published the peer reviewed paper "The Role of Environmental Communication in Shaping Remedy at America's Largest Superfund Site" in the proceedings of the 2009 Conference on Communication and the Environment.
- The 10th Annual Authors' Reception, hosted by the Montana Tech Library, will be held on Tuesday, March 23, 2010 at 7:00 pm. This year's speaker is Jamie Ford whose debut novel, Hotel on the Corner of Bitter and Sweet, is a *New York Times* bestseller.
- Montana Tech professors Chris Gammons, Geological Engineering, and Steve Parker, Chemistry, have teamed up for two recent publications in the journal *Chemical Geology*, including: Parker S.R., Gammons C.H., Poulson S.R., DeGrandpre M.D., Weyer C.L., Smith M.G., Babcock J.N., Oba Y. (2010) Diel behavior of stable isotopes of dissolved oxygen and dissolved inorganic carbon in rivers over a range of trophic conditions, and in a mesocosm experiment; and Gammons C.H., Duaiame T.E., Parker S.R., Poulson S.R., Kennelly P. (2010) Geochemistry and stable isotope investigation of acid mine drainage associated with abandoned coal mines in central Montana, USA.
- Two of Dr. Gammons' students published their M.S. research in the journal *Mine Water and the Environment*. John Kill Eagle is a member of the Ft. Belknap tribe, Montana. Petritz K.M., Gammons C.H., and Nordwick S. (2009) Evaluation of the potential for beneficial use of contaminated water from a flooded mine shaft in Butte, Montana. *Mine Water and The Environment* 28, 264-273; and, Kill Eagle J.L., Gammons C.H., Weight W.D., Babcock J., Jepson W., and Langner H. W. (2009) Results and lessons learned from a continuous tracer injection test in a small mountain stream receiving acid mine drainage. *Mine Water and The Environment* 28, 182-193.
- Gammons has teamed with another of his MS students to publish a paper that will appear in the next issue of *Economic Geology*: Gammons C.H., Snyder D.M., and Poulson S.R. (2009) Geochemistry and stable isotopes of the flooded underground mine workings of Butte, Montana.