

**COLLEGE OF SCIENCE, ENGINEERING AND
TECHNOLOGY
MARCH 2005**

GOOD NEWS

AUTOMOTIVE AND MANUFACTURING ENGINEERING TECHNOLOGY

Ms. Ann Goebel, Assistant Professor, was awarded a \$178,756 e-Curriculum Grant from MNSCU and MN Online to develop and deliver Lean Process Technology for credit, and Customized Corporate non-credit modules for online delivery by June, 2006. The advanced and graduate level courses for the Manufacturing Engineering Technology degree program and Customized Corporate modules are the first of their kind to be developed for MN Online and MNSCU.

Also, by invitation from the American Technical Educators Association (ATEA) Executive Board, Ms. Goebel will present two interactive technical sessions; “*Green Eggs and Ham*” and “*Putting Lean in All Wheel Drive*” at the ATEA’s 42nd National Conference for Technical Education Professional Development Wednesday, March 23, 2005, New Orleans, LA

BIOLOGICAL SCIENCES

McMillan, B.R., G.A. Kaufman, and D.W. Kaufman. 2005. Factors Influencing Persistence of White-footed Mice. The Prairie Naturalist, in press.

CHEMISTRY AND GEOLOGY

Dr. Dean Moosavi has made the case to the MN DNR to bring the Minnesota Mineral Education Workshop to Mankato this August. This three day workshop is the premier professional development opportunity for earth science teachers in Minnesota. Teachers participate in a day of earth science education workshops designed for improving classroom instruction before taking part in two days of field trips examining the region's geology. Dr. Moosavi will be designing the field trip program focusing on some of the most ancient rocks in the world which can be seen in the Minnesota River Valley northwest of Mankato. The workshop runs from August 2 - 4. For further information please contact Dean Moosavi or Susan Balgie at the DNR (susan.balgie@dnr.state.mn.us).

ELECTRICAL AND COMPUTER ENGINEERING AND TECHNOLOGY

Dr. Bill Hudson, Associate Professor, was selected to serve as one of the ABET Accreditation Training Facilitators at the Electrical and Computer Engineering Department Heads meeting in New Orleans, LA in March, 2005.

MATHEMATICS AND STATISTICS

Dr. Namyong Lee, Assistant Professor, received an invitation for the workshop “*New Paradigms in Computation*” which will be held on March 27-30 by IMA (Institute of Mathematics and Its Applications) at the University of Minnesota. Dr. Lee will participate in both a panel discussion of industrial problems

and a poster session. Travel and local expenses will be supported by IMA.

Dr. Pavel Kitsul, Associate Professor, participated as a panelist in Senator Coleman's summit at MSU. The summit was devoted to discussion of the United States' declining international student and scholar population and the recent legislation "American Competitiveness through International Openness Now (ACTION) Act" introduced by Senator Coleman. Currently, Dr. Kitsul is working on gathering support for this legislation across the nation. Another legislation initiative of Senator Coleman is the COMPETE Act, aimed on increasing US long-term economic competitiveness through improvement of education and research in mathematics, science, engineering and technology.

MECHANICAL AND CIVIL ENGINEERING

Civil Engineering students, Josh Skluzacek and Krista Wassenaar, received the Minnesota Professional Engineers Foundation Scholarship from the Minnesota Society of Professional Engineers in February.

PHYSICS AND ASTRONOMY

Dr. Russell Palma, Professor, will attend the International Lunar and Planetary Science Conference in Houston, Texas from March 12-19. At this conference he and his colleagues at the University of Minnesota will be presenting a paper on their latest results at a special session concerning the NASA/JPL Genesis Mission. This mission returned samples last fall, and Palma et al. are analyzing the isotopic composition of nitrogen and the noble gases from solar wind atoms trapped in a gold foil collector.

The January issue of the Astronomical Journal contains a significant paper "Discovery Of A New Low-Latitude Milky Way Globular Cluster Using Glimpse" by Henry Kobulnicky et al., which is co-authored by two MSU Physics and Astronomy graduates. Andy Monson, the second author, graduated with a B.S. in Physics and Astronomy in 2004 and Brian Uzpen, the fifth author, graduated with a masters in Physics in 2003. They are both currently in an astronomy Ph.D. program at the University of Wyoming.

Physics graduate student, Hanna Terletska, together with her advisor Dr. Igor Kogoutiuk, have made two presentations: 1) Seminar of Physics Department at the University of Minnesota (Minneapolis) on January 27, 2005 and; 2) Seminar of Condensed Matter Physics Department at Iowa State University at Ames on February 23.