

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY  
MARCH 2003**

**GOOD NEWS**

**AMET**

Ann Goebel, Assistant Professor, attended the 2003 ASEE Conference on Industry and Education Collaboration (CIEC), Tucson, AZ, January 28 to 31. Professor Goebel presented a peer reviewed paper, "A SWOT Analysis of Public/Private Partnership Experiences from the Grant Director's Perspective" in the Engineering Technology Division. Professor Goebel also completed the first workshop series in the TC2K ABET 2003 TAC Program Evaluator Training.

**BIOLOGICAL SCIENCES**

Dr. Mark Lyte, Professor, authored an article for which he was presented the Susman Award in Surgical Infectious Disease and which has now appeared as a major article in the medical journal *The Lancet*. The article was highlighted on the cover and earned a full-page editorial as well as a special medical "talking points" highlight. The article appeared in the January 11, 2003 issue of *The Lancet* and the title, volume and page numbers are: "Stimulation of *Staphylococcus epidermidis* growth and biofilm formation by catecholamine inotropes" volume 361(9352):130-135, 2003.

Dr. Lyte has also been interviewed by the editor of *Pulmonary Reviews* as their journal will be doing a news article on the implications of his findings reported in the *Lancet* article and their potential importance for treating critically ill patients.

Dr. Keith Klein, Professor, will be presenting a seminar at the 23rd Fungal Genetics Conference, March 18-23, in Pacific Grove, CA entitled: Sex and recombination in an imperfect world: evidence for both in *Fusarium oxysporum*. This is an invited research presentation of work performed during Dr. Klein's last sabbatical in 2001-02.

Benjamin Jilek, undergraduate research assistant in the laboratory of Dr. Marilyn Hart, Assistant Professor, has been offered a position in the Summer Undergraduate Research Experience (SURE) Program at the University of North Carolina, Chapel Hill.

Ryan Wersal, Graduate Student in Biology, presented "The Quantification of *Stuckenia pectinata* and Waterfowl Use within the Heron Lake System, Jackson County, Minnesota," at the Minnesota Chapter of The Wildlife Society, 26 February 2003, Willmar, MN.

Dr. Robert Sorensen, Assistant Professor, co-authored a scientific paper as follows: Curtis, J., *R.E. Sorensen*, and D.J. Minchella. 2002. Schistosome genetic diversity: the implications of population structure as detected with microsatellite markers. *Parasitology* 125(7), S51–S59.

Dr. Alison Mahoney, Assistant Professor, and her graduate student, Cheryl Ellstrom, received notice that their grant proposal for \$9,100 from the City of Mankato has been funded. Cheryl will carry out a two-year survey of the flora/vegetation of Rasmussen Woods to assist the City with its management plans.

The annual Junior/Senior Science Fair, which took place February 22 here at MSU, was again a huge success. There were at least 360 participants, as well as numerous faculty volunteers and involvement by many regional people. A huge thank you to all those who made this happen!

Kari Dingman, graduate student of Dr. John Krenz, Associate Professor, is working under an MSU Research Assistantship funded by a research grant from the MDNR to Dr. Krenz and Dr. Brock McMillan. DINGMAN, K.L., R.O. KIMMEL, J. D. KRENZ, B.R. MCMILLAN. Hunter interference and ease of access for spring wild turkey hunting in Minnesota. Northern Wild Turkey Workshop. Bloomington, Minnesota. January, 2003.

Drs. John Krenz and Bob Sorensen hosted the annual Fish and Wildlife Career Development Event for southern Minnesota FFA members on January 25th at MSU in the Department of Biological Sciences.

### **COMPUTER AND INFORMATION SCIENCES**

Dr. Cesar Guerra Salcedo, Assistant Professor, has had two papers accepted for the 7<sup>th</sup> World Multiconference on Systemics, Cybernetics and Informatics (SCI 2003) (July 27-30 2003) which is among the most important international conferences in Informatics.

Dr. Rebecca Bates, Assistant Professor, has co-authored the following paper: "Preparing Future Engineering Faculty through Active Learning" by Rebecca Bates and Angela Linse, which has been accepted for presentation and publication at the upcoming ASEE conference, June 22-25, 2003, Nashville, TN.

### **INTERIOR DESIGN AND CONSTRUCTION MANAGEMENT**

The Interior Design students have planned their resource trip to High Point, North Carolina. This is the largest home furnishings market in the world. This trip will take place April 3-8 and over 50 students will be attending. MSU, Mankato is one of only two universities to attend this market.

## **CSET**

Tim Huebsch, a recent graduate of MSU and a former member of the College of Science, Engineering and Technology's Student Advisory Board, is the only student from Minnesota to be named in the "Honorable Mention" category of the All-USA College Academic Team. While at MSU, Tim was honored as Fraternity Scholar of the Year (Beta Sigma Lambda), and was involved with the Golden Key National Honor Society. Tim's major was computer science and he graduated summa cum laude in December 2002. He is currently working as a programmer analyst for General Mills Corporation.

Our College is proud to announce that we have 68 students qualifying for recognition in the 2002-2003 Who's Who Among Students in American Universities and Colleges. Nominations are based on demonstrated academic achievement, leadership, potential for future success, and community or campus involvement. Congratulations to all!

**SCIENCE FAIR.** MSU hosted a very successful Junior/Senior High Science & Engineering Fair on Saturday, February 22. The activities were in the Centennial Student Union and Morris Hall buildings here on campus. From southern Minnesota there were 326 students participating with the projects and 29 students with the research papers from 30 schools. We had 216 volunteer judges!

Eighty-one students with projects and 18 students with research papers will advance and participate at the Minnesota Academy of Science State Science Fair in Duluth, April 11-13. Eight students won the expense-paid trip to the Intel International Science & Engineering Fair (ISEF) to be held in Cleveland, Ohio on May 11-17, 2003.

Thin Film Technology Corp. has again contributed \$5,000 this year, which includes one-half of the expense of all the ribbons, trophies, books and medallions we award and will sponsor Matt Klaber for his trip to ISEF. NorAm/Minnegasco Foundation has contributed \$4,050 this year, which includes all the cash awards for the South Central region. Nancy P. Zwickey contributed \$1,000 in memory of her husband Jim and will sponsor Kay Ribbel for her trip to ISEF. In addition, we have several contributions from individuals and companies.