

**COLLEGE OF SCIENCE, ENGINEERING AND
TECHNOLOGY
GOOD NEWS
MARCH 2004**

BIOLOGICAL SCIENCES

Thomas Gorman, a graduate student in Dr. Brock McMillan's lab, was the recipient of the annual Conservationist Award from the Minnesota Chapter of The Wildlife Society. The award is presented to a wildlife major at a Minnesota college or university who has shown high scholastic achievement, and who shows promise as a future wildlife professional.

COMPUTER AND INFORMATION SCIENCES

Dr. Allan M. Hart, Assistant Professor, is the primary author and Dr. James M. Slack, Associate Professor, is the secondary author for a paper to be presented at the 37th Annual Midwest Instructional and Computing Symposium hosted by the University of Minnesota at Morris on April 16-17, 2004. The paper is entitled "Web-based Database Access: A Pedagogical Strategy".

Dr. Mike Wells, Associate Professor, and one of his graduate students, Nawshin Rahman, collaborated on the following paper, "5 Simple Rules for Developing my Interface", which was accepted for the 2004 Midwest Instruction and Computing Symposium, to be held at the University of Minnesota, Morris on April 16-17, 2004.

As part of the Computer Research for Women project (sponsored by the Computer Research Association), Dr. Steven Case, Assistant Professor, has been working with Phuong Anh Loi and Merina Kansakar on research relating to the development of tools to incorporate wireless networking into undergraduate curriculum. Two papers relating to this research have been accepted for presentation at the MICS 2004 conference, which will be held April 16-17 at the University of Minnesota Morris. The two papers are as follows: Case, S. "MavBlue: A Bluetooth Development Kit for Undergraduate and Graduate Research and Education."

Loi, P. A., & Case, S. "Development of the User Interface for the MavBlue Development Environment."

ELECTRICAL AND COMPUTER ENGINEERING AND TECHNOLOGY

Dr. Paul Lindfors, Professor, was a guest speaker at Engineering Day at Central Lakes Community and Technical College in Brainerd, MN on February 26.

Dr. Han-Way Huang, Professor, will be presenting the following paper to the ASEE Annual Conference to be held June 21-24 at Salt Lake City: "Experience of Teaching PIC Microcontroller".

In the new Marcell Dekker book "Bioelectromagnetic Medicine," (Paul Rosch, M.D. and Marko Markov, Ph.D., Editors), Dr. George O'Clock, Professor, and Mr. John Jarding, O.D., have co-authored a chapter entitled "BioCurrent Therapy for Macular Degeneration."

Dr. O'Clock has constructed a website for the International Association of Biological Closed Electric Circuits in Medicine and Biology (IABC) that shows some of the latest results for the application of electrotherapy and magnetotherapy in the treatment of a wide variety of health problems including cancer, epilepsy and Parkinson's disease. The website address is www.iabc.ReadyWebsites.com

INTERIOR DESIGN AND CONSTRUCTION MANAGEMENT

On February 27 Dr. Carl Egan presented a paper on "Design-Build as a Project Delivery Method for Highway Construction" at the Associated Builders and Contractors convention in Honolulu, Hawaii.

MATHEMATICS AND STATISTICS

A paper published by Dr. Mezbahur Rahman, Associate Professor, and Shuvro Chakrobartty (2004). Significance Testing in Exact Logistic Regression. Bulletin of the Malaysian Mathematical Sciences Society, Volume 27, Number 2.

A Mathematics Partnership including Fairmont, Faribault, Mankato, and New Ulm School Districts and faculty members in the Department of Mathematics and Statistics, Drs. Mary Ann Lee, Kil S. Lee, and Mark Zuiker, received a Mathematics Science Partnership grant of \$100,000 for 2004-2005, renewable for the following two years if funds are available. The award from the Minnesota Department of Education was from No Child Left Behind federal funds.

PHYSICS AND ASTRONOMY

The Charge Symmetry Breaking experiment, on which Dr. Mark A. Pickar, Professor, has been a major collaborator since it began at the Indiana University Cyclotron almost five years ago, has made it to the pages of "Physics News in 2003", the annual supplement to the newspaper of the *American Physical Society*.