

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
GOOD NEWS FOR NOVEMBER 2001**

Biological Sciences

Day, T.A., **C.T. Ruhland**, and F.S. Xiong (2001) Influence of ultraviolet-B radiation on Antarctic terrestrial plants: results from a four-year field study. *Journal of Photochemistry and Photobiology* 62: 78-87.

Dr. Dorothy Wrigley presented a research poster, "The Disruption of *Clostridium perfringens* sporulation by *Bacteroides fragilis* and *Escherichia coli*" at the 9th International Symposium on Microbial Ecology, August 30-31, 2001 in Amsterdam, the Netherlands.

Dr. Elaine Hardwick received a grant from the Minnesota Waterfowl Association/ MN DNR Conservation Partners Grant for \$9295 for 2001-2003. Title: Spatial and temporal analysis of Swan and Middle Lakes for presence of the *Clostridium botulinum* Type C1 toxin gene (avian botulism causative agent).

Chemistry and Geology

The Department of Chemistry and Geology hosted the 12th Annual Ford Lectureship on Monday, October 22, 2001. Dr. Joseph Lambert from Northwestern University, Evanston, IL presented both a technical talk and a general talk. Over 300 people were in attendance for the general talk.

Dr. Bryce Hoppie had a paper published in *Marine Geology*. The bib looks like this: Hoppie, B. W. and Garrison, R. E., 2001. Miocene Phosphate Accumulation in the Cuyama Basin, Southern California. *Marine Geology*, Vol. 177, p. 353-380.

Dr. Sadredin Moosavi was notified that he has been selected to receive a Finger Lakes Community College Distinguished Alumni Award. He will be inducted into the FLCC Hall of Fame on May 18, 2002.

Computer and Information Sciences

David J. Haglin and Rupert W. Ford, "The Message-Minimizing Load Redistribution Problem," *Journal of Universal Computer Science*, vol. 7 no. 4, pp. 291-306, 2001.

An NSF grant entitled "RUI: Guiding Gamma-Ray Burst Classification with the KDD Process." The dollar amount is \$130,279, and is split between two campuses, MSU and College of Charleston. The coPIs are: Jon Hakkila, Timothy Giblin, **David Haglin**, and **Richard Roiger**.

Dr. Julio Sanchez and Professor Maria Canton-Sanchez have collaborated on the following books which are now being published in various countries. *Java 2 Weekend Crash Course*: Comptuer Age Co. (Toyko, Japan) Japanese; Verlag Moderen Industrie (Bonn, Germany) German; Tsinghua University Press (Beijing, China) Chinese; Elex Media Kornputindo (Jakarta, Indonesia) Indonesian. *Windows Graphics Programing*: Tsinghua University Press (Beijing, China) Chinese. *DirectX 3D Graphics Programming Bible*: Electronics Today (Beijing, China) Cinese; Powerbook Publishing (Seoul, Korea) Korean; Wydawnictwo Helion (Gliwice, Poland) Polish.

A book entitled 'Design and Management of Multimedia Information Systems' edited by **Dr. Mahbubur Rahman Syed** from the Department of Computer and Information Sciences has been

recently released in the market. The book is published by Idea Publishing Group, USA. It contains 21 chapters contributed by authors from about eight countries around the world. Dr. Syed also guest-edited the July-September 2001 issue of IEEE Multimedia on 'Distance Learning'.

Dr. Michael Wells had the following paper published in the proceedings of the 2001 ASEE North Midwest Section Annual Conference: "Using Industry Relationships to Enhance Software Engineering Curriculum." Dr. Wells also presented the paper at the conference.

Mathematics and Statistics

Dr. Francis T. Hannick, presented workshops at the following meetings: National Council of Teachers of Mathematics, Columbus, Ohio, September 21; National Council of Teachers of Mathematics, Somerset, New Jersey, October 26; and South Carolina Council of Teachers of Mathematics, Greenville, South Carolina, November 15.

Dr. Kil S. Lee, Dr. Mary Ann Lee, Dr. Dan Singer of the Mathematics and Statistics Department, and Mrs. Judi Brandon, the Chairperson of the District 77 Mathematics Articulation Committee, are invited to participate at the National Summit on the Mathematical Education of Teachers at Washington D.C. on November 2 and 3, 2001. The National Summit is sponsored by the Mathematical Association of America with grants from the National Science Foundation and ExxonMobil Foundation.

CSET

The College of Science, Engineering and Technology hosted a **Career Fair** on Thursday, October 18, in the CSU Ballroom. Over 45 companies participated in this Fair, including IBM, 3M, Hickory Tech, General Dynamics, General Mills, Lutheran Brotherhood and Kraus-Anderson, just to name a few. Our CSET student organizations also participated by competing for a prize for setting up the best booth at the Fair. There were five awards given to student organizations: three first place awards went to the Society of Manufacturing Engineers, the Interior Design Student Association, and the Biology Club; two second place awards went to the Chemistry/Biochemistry Club and the Construction Management Student Association. This is CSET's first year of involvement in hosting a Career Fair. Many of our students participated, making it a very successful event, and one we hope to repeat next fall.

On October 14, 15 and 16 the **Accreditation Board for Engineering and Technology** sent a team to conduct a site visit to evaluate three of our engineering technology programs in CSET, Automotive Engineering Technology, Manufacturing Engineering Technology, and Electronic Engineering Technology. The faculty in these programs have been preparing for this visit for approximately one year. The accreditation team meets with students and faculty involved in these programs, as well as support and administrative staff throughout our campus who are instrumental in keeping the programs running efficiently and at a high level. The preliminary findings of the accreditation team are good.