

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
~GOOD NEWS ITEMS~
I December 2000



College News

The **CSET Student Academic Advising Center** invites all CSET students, faculty, and staff to an Open House scheduled during finals week, December 11-15, 2000 from 10:00 a.m. until 3:00 daily. Refreshments will be served, please stop by.

Department News

AUTOMOTIVE AND MANUFACTURING ENGINEERING TECHNOLOGY

The Minnesota Department of Trade & Economic Development awarded a \$250,000 grant to Ann Goebel and the Department of Automotive and Manufacturing Engineering Technology. The grant was made available through a public/private partnership with Condux International. Condux will supply a matching grant to develop and provide cutting-edge technology for its employees. The goal of the partnership between DTED, Condux International and MSU is to give a boost to the university to expand its educational capacity to train students, upgrade the current regional workforce and focus on manufacturing development and running simulations with new products.

BIOLOGY

Dr. John Krenz and Dr. Brock McMillan sent news of a recent award. Wind-turbine related bat mortality in southwestern Minnesota. A one-year external grant funded by the Minnesota Department of Natural Resources (2000, \$4,500).

Dr. John Madsen, Department of Biological Sciences sends news of the following publications. Spencer, D.F., G.G. Ksander, J.D. Madsen and C.S. Owens. 2000. Emergence of vegetative propagules of *Potamogeton nodosus*, *Potamogeton pectinatus*, *Vallisneria americana*, and *Hydrilla verticillata* based on accumulated degree-days. Aquatic Botany 67:237-249. Cheruvellil, K.S., P.A. Soranno, J.D. Madsen and M.J. Sanborn. 2000. Interactions between plant architecture and epiphytic macroinvertebrates and the influence of Eurasian water milfoil (*Myriophyllum spicatum* L.). Submitted to Canadian Journal of Fisheries and Aquatic Sciences. And finally, West, T.A., J.W. Sutherland, J.A. Bloomfield, J.D. Madsen, R. Nemecek, C.W. Boylen, L.W. Eichler,

N.H. Ringler, M.A. Arrigo, D.L. Smith, B. Robinson, C.A. Siegfried and P.K. Ducey.
2000. Onondaga Lake Wetland Connection Evaluation Report. Report to the Onondaga
Lake Cleanup Corporation. New York State Department of Environmental Conservation,
Albany, NY. October 2000.

COMPUTER AND INFORMATION SCIENCES

Dr. Michael Wells, Computer and Information Sciences, presented, "SOFTWARE
DEVELOPMENT COST ESTIMATION SOFTWARE: A PRACTICAL
COMBINATION OF THE FUNCTION-BASED AND LEARNING-BASED MODELS"
National Decision Science Institute Conference.

Dr. David Haglin, Computer and Information Sciences, presented his research on
November 2nd, on the Gamma Ray Burst Tool Shed project, which is funded by NASA.
The MSU ACM Student Chapter sponsored the presentation.
Journal Publications