

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
GOOD NEWS
OCTOBER 2008

COMPUTER SCIENCE

Dr. David J. Haglin, Professor, has been awarded the designation of "Senior Member of the ACM" (Association of Computing Machinery).

ELECTRICAL AND COMPUTER ENGINEERING AND TECHNOLOGY

Dr. Gale Allen, Professor, presented/published two papers at the 2008 ASEE North-Midwest Regional Conference, Educating the Engineer of 2020, University of Wisconsin-Platteville, Platteville, Wisconsin, October 16–18, 2008: 1) Hands-On Component-Level Automation Courses for Technology and Engineering Students and 2) Communications Technology Learning Opportunities Using LabVIEW-Controlled RF Equipment.

INFORMATION SYSTEMS AND TECHNOLOGY

In August, Dr. Christophe Veltsos, Assistant Professor, qualified as a Certified Information Privacy Professional (CIPP), the first professional certification to focus on the privacy and security of data. The CIPP certification is administered by the International Association of Privacy Professionals, the largest association of privacy professionals.

Wells, M. G. & Olson, J. R. (2008). Project Maverick Internships: A University's Onshore Alternative to Offshore Outsourcing. To appear in the Proceedings of the National Decision Sciences Institute, USA, 811-816.

Wells, M. G., & Cornell, L. D. (2008). A Decision Framework for Outsourcing Tasks to Offshore Vendors. To appear in the Proceedings of the National Decision Sciences Institute, USA, 801-806.

MATHEMATICS AND STATISTICS

Dr. Francis T. Hannick, Professor, presented a workshop on Hands-On Experience with Numerous Activities for the Elementary School Math Curriculum at the National Council of Teachers of Mathematics Regional Conference and Exposition in Oklahoma City on October 3, 2008.

A paper titled " Technical Inefficiency Effects and Technological Change in Bangladesh Food Industry:A Stochastic Frontier Analysis" by Md. Masud Rana, Md. Azizul Baten, and **Mezbahur Rahman** is accepted for publication in Number 4 of Volume 19 (November 30, 2008) of the Journal of the Korean Data & Information Science Society.

Danielson, C. & Jenson, E. (2008). Probability in practice: The case of turkey Bingo. *Mathematics teacher*, 102, (4), 250-256.

"Embedding tiling spaces in surfaces," Charles Holton and **Brian F. Martensen**, *Fundamenta Mathematicae* 201 (2008), 99-113.

Dr. I.-J. Kim, Assistant Professor, gave a talk entitled "On Fiedler- and Parter-Vertices of Trees" at the Mathematical Association of America-North Central Meeting hosted by Concordia College in Moorhead, MN from October 17 to October 18, 2008.

PHYSICS AND ASTRONOMY

Dr. Hai-Sheng Wu's research proposal entitled "Fabrication & Characterization of a-Si thin film solar cells" was supported in part by the MRSEC Program of the National Science Foundation, with the approval of up to \$2,000 for usage fees at the UMN Nanofabrication Center (NFC), and \$500 in associated travel to be covered by the MRSEC MRFN.

Dr. Hai-Sheng Wu attended the Solar Power International 08 Conference and a Workshop in San Diego, CA from October 13 to 15, 2008.

Dr. Russ Palma, Professor, gave an invited combined colloquium to the Departments of Physics and Chemistry at Rhodes College in Memphis, TN on October 24 entitled "NASA's Genesis and Stardust Missions: Bringing the Sun and Comets to Earth".

Dr. Louis Schwartzkopf, Professor, gave a talk, "Energy Benchmarking at Centenary United Methodist Church -- Savings through Energy Efficiency," to the Janesville Rotary Club on October 20.

Dr. Mark A. Pickar, Professor, gave an invited seminar entitled "Safaris in Experimental Nuclear Physics" to the Department of Physics at the University of Wisconsin - La Crosse, on Wednesday, October 29, 2008.

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Graham A. King started at MSU in 1991-92 in the pre-nursing program, and completed about 2 1/2 years before leaving school in 1995. In his final term before withdrawal, Graham was struggling academically, and trying to identify a new major. When he returned to MSU in the spring of 2006, it was as a non-traditional student with a family, and a determination to pursue pre-medicine. He successfully completed his Human Biology Major (Chemistry Minor) in May of 2008. He has just learned of his acceptance into the medical school program at the University of Minnesota Duluth.

UMD's program is designed for family physicians (general practitioners), and was originally developed to help provide physicians for rural communities.