Faculty Honors

New faculty

One new faculty member will join the McCormick School in 2005. She is listed below, followed by her academic rank, department, and areas of research interest:

Xu Li : assistant professor; biomedical engineering and electrical engineering and computer science; bio-optics and photonics

Faculty honors

Guillermo Ameer, assistant professor of biomedical engineering, and Vadim Backman, assistant professor of biomedical engineering, received 2005 Wallace H. Coulter Foundation Early Career Awards in translational research.

Zdenek P. Bazant, Walter P. Murphy Professor of Civil and Environmental Engineering, received the 2005 Theodore von Karman Medal from the American Society of Civil Engineers.

Cate Brinson, Jerome B. Cohen Professor of Mechanical Engineering, started a five-year term on the National Materials Advisory Board of the National Academies in January 2005.

Robert P. H. Chang, professor of materials science and engineering, received a National
Yan Chen, assistant professor of electrical engineering and computer science, won a Department of Energy Early Career Award.

Dudley Childress, professor of biomedical engineering, was awarded the 2005 da Vinci Lifetime Achievement Award by the National Multiple Sclerosis Society.

Alok Choudhary, professor of electrical engineering and computer science, is the director of Northwestern's new Center for Ultra-Scale Computing and Information Security. He also received an IBM Faculty Award.

Mark Daskin, professor of industrial engineering and management sciences, won the Fred C. Crane Distinguished Service Award from the Institute of Industrial Engineers (IIE).

Horacio Espinosa, professor of mechanical engineering, received the 2005 Hetenyi Award, given annually for an outstanding paper published in Experimental Mechanics.

Richard J. Finno, professor of civil and environmental engineering, was presented with the Thomas A. Middlebrooks Award by the American Society of Civil Engineers.

Ken Forbus, Walter P. Murphy Professor of Electrical Engineering and Computer Science, cochaired both the 18th International Workshop on Qualitative Reasoning and the 26th Annual Conference of the Cognitive Science Society. He has also been appointed conference chair of the American Association for Artificial Intelligence.

Robert E. Gallamore, director of the Transportation Center, was appointed chair of the Committee for a Study of the Feasibility of a
Hazardous Materials Cooperative Research Program. He also was made a lifetime National Associate of the National Academies.

Bruce Gooch, assistant professor of electrical engineering and computer science, was one of three winners in Microsoft Research’s Computer Gaming Curriculum RFP Awards. He also cochaired the Midwestern Computer Graphics Conference.

Bartosz Grzybowski, assistant professor of chemical and biological engineering, and his research group received the 2004 Cover of the Year award from Advanced Materials.

Abraham Haddad, Henry and Isabelle Dever Professor of Electrical Engineering and Computer Science, received the International Federation of Automatic Control Outstanding Service Award and was appointed vice chair of the IFAC Administrative and Finance Committee.

Mark Hersam, assistant professor of materials science and engineering, received the 2006 Robert Lansing Hardy Award from the Minerals, Metals, and Materials Society (TMS).

Wallace Hopp, Breed University Professor of Industrial Engineering and Management Sciences, won the Technical Innovation Award in Industrial Engineering from the IIE.

Raymond J. Krizek, Stanley F. Pepper Professor of Civil and Environmental Engineering, presented the 12th Spencer J. Buchanan Lecture at Texas A&M University in October 2004.

Prem Kumar, SBC Communications Inc. Professor of Information Technology, was elected program chair for the 2006 Quantum Electronics and Laser Science Conference (QELS06).

Lincoln Lauhon, assistant professor of materials science and engineering, received an NSF CAREER
Award.

**Phillip B. Messersmith**, associate professor of biomedical engineering and of materials science and engineering, will serve as a member of the Biomaterials and Biointerfaces Study Section in the National Institutes of Health Center for Scientific Review.

**Don Norman**, professor of electrical engineering and computer science, received the American Psychological Association's 2005 Franklin V. Taylor Award and has been named the Franklin Institute's 2006 Benjamin Franklin Medalist in Computer and Cognitive Science.

**Greg Olson**, Wilson-Cook Professor of Engineering Design, was recognized when QuesTek, the company he started, was named one of 25 “breakout” companies of 2005 by Fortune magazine.

**Terry Papoutsakis**, Walter P. Murphy Professor of Chemical and Biological Engineering and professor of biomedical engineering, received the Amgen Biochemical Engineering Award and was elected a fellow of the American Society of Microbiology.

**Thrasos Pappas**, associate professor of electrical engineering and computer science, presented a plenary talk at the Institute of Electrical and Electronics Engineers' International Conference on Image Processing. He was also technical cochair for the Third International Symposium on Information Processing in Sensor Networks and cochair of the Society for Imaging Science and Technology/International Society for Optical Engineering’s 17th annual symposium on electronic imaging.

**Manijeh Razeghi**, Walter P. Murphy Professor of Electrical Engineering and Computer Science, was a winner in the 2005 Defense University Research Instrumentation Program competition.
Hermann Riecke, professor of engineering sciences and applied mathematics, received a Humboldt Research Prize from the Alexander Von Humboldt Foundation in Germany.

David N. Seidman, Walter P. Murphy Professor of Materials Science and Engineering, was elected a 2005 fellow of ASM International.

Selim Shahriar, associate professor of electrical engineering and computer science, was a winner in the 2005 Defense University Research Instrumentation Program competition.

Lonnie Shea, associate professor of chemical and biological engineering, was recently selected to participate in the National Academy of Engineering's Frontiers of Engineering program.

Randy Snurr, associate professor of chemical and biological engineering, was elected vice chair of the American Institute of Chemical Engineers' Computational Science and Engineering Forum.