



THIRD ANNUAL

Alumni Awards Banquet

The College of Engineering recognized seven alumni who have brought honor to the college through their exceptional achievements, both professional and philanthropic, at a May 6 banquet at the Kellogg Hotel and Conference Center and again at the commencement ceremony on May 7. The newly established Green Apple Teaching Award was added this year to honor K-12 teachers who have inspired their students to study math, science, and engineering. This year's awardee was selected from nominations submitted by our graduating senior engineering students.



■ **Applied Engineering Sciences Distinguished Alumni Award**

Daniel Brouse (BS '84 Engineering Arts/Applied Engineering Sciences) is the president and chief strategist for Brouse & Associates, a strategic marketing and business consulting firm in southeastern Michigan and the Lansing area. He has been a long-time supporter of the MSU Alumni Association and the MSU Detroit Area Development Council.

■ **Biosystems and Agricultural Engineering Distinguished Alumni Award**

Robert J. Gustafson, PE (PhD '74 Agricultural Engineering) has been associate dean for undergraduate education and student services in the College of Engineering at Ohio State University since 1999. Prior to that, he was chair of the Food, Agricultural, and Biological Engineering Department for 11 years. He is a known expert for his research in electrical power applications in agriculture.

■ **Red Cedar Circle Award in Chemical Engineering and Materials Science**

Joon S. Moon (BS '60 Chemical Engineering)

is an inventor and entrepreneur in chemical engineering. He has formed and led numerous successful companies, through which he developed the chemicals used in several popular household products. He currently focuses on start-up capital ventures and investment management through Mt. Rose Capital, his investment holding company in Vancouver, Washington. He helped shape MSU's future as chairman of the MSU Foundation and of its technology committee during the nineties.

■ **Civil and Environmental Engineering Distinguished Alumni Award**

Alton L. Granger, PE (BS '54 Civil Engineering) is chairperson of Granger Construction Company in Lansing, Michigan. The company has won numerous state and national awards for endurance, safety, beauty, and innovation. For 21 years Granger served as a member and president of the Holt Public Schools Board of Education, helping to guide the school district in working through numerous issues, including embracing diversity, educational excellence, staff development, and fund raising.

COLLEGE OF ENGINEERING ALUMNI AWARDS BANQUET, MAY 6, 2006. *Left to right, back row: Satish Udpa, dean; Gregg A. Motter* (BS '73 Electrical Engineering and MS '80 Systems Engineering) The John D. Ryder Electrical and Computer Engineering Alumni Award; *Robert J. Gustafson, PE* (PhD '74 Agricultural Engineering) The Biosystems and Agricultural Engineering Distinguished Alumni Award; *Alton L. Granger, PE* (BS '54 Civil Engineering) The Civil and Environmental Engineering Distinguished Alumni Award. *Front row: Eileen M. Slider* (BS '75 Central Michigan University and MA '83 Michigan State University) The Green Apple Teaching Award; *James R. Von Ehr II* (BS '72 Computer Science) The Claud R. Erickson Distinguished Alumnus Award and The Computer Science and Engineering Distinguished Alumni Award; *Daniel Brouse* (BS '84 Engineering Arts/ Applied Engineering Sciences) The Applied Engineering Sciences Distinguished Alumni Award; *Joon S. Moon* (BS '60 Chemical Engineering) The Red Cedar Circle Award in Chemical Engineering and Materials Science; *Patrick M. Miller* (BS '57 Mathematics, MS '60, and PhD '66 Applied Mechanics) The Mechanical Engineering Distinguished Alumni Award.

■ **Computer Science and Engineering Distinguished Alumni Award**

James R. Von Ehr II (BS '72 Computer Science), of Richardson, Texas, has been successful in two careers. As a computer software developer, his company, Altsys, produced Fontographer and the popular illustration software, FreeHand. After selling that company, he started Zyvex, the first-ever molecular nanotechnology development company in the late 1990s. He was instrumental in the passage of the 21st Century Nanotechnology Research and Development Act, which authorized \$3.7 billion for R&D programs for four years, and was present in the Oval Office when President George W. Bush signed the bill into law.

■ **John D. Ryder Electrical and Computer Engineering Alumni Award**

Gregg A. Motter (BS '73 Electrical Engineering and MS '80 Systems Engineering), of Midland, Michigan, is a scientist and Six Sigma Master Black Belt in the Performance Plastics and Chemicals business unit of the Dow Chemical Company, with numerous ongoing projects in the Polystyrene, Automotive,

Building Solutions, and Materials Engineering business units. He trains and mentors Black Belts and project teams globally using Dow's Six Sigma methodology for new product development. He served as a member of the ANSI z21.83 Standards Committee of the American National Standards Institute, which wrote the initial standard for fuel cell power plants during his tenure (1995-97).

■ **Mechanical Engineering Distinguished Alumni Award**

Patrick M. Miller (BS '57 Mathematics, MS '60, and PhD '66 Applied Mechanics) of Silver Springs, New York, founded MGA Research Corporation 29 years ago with two other engineers. The company has developed novel methods for both repairing and evaluating the performance of collision-damaged automobiles. He is internationally recognized for his work in automobile crashworthiness and collision damage repair. He was listed in *American Men and Women of Science*, 12th Edition, and *Who's Who in the East*, 16th Edition.

■ **The Green Apple Teaching Award**

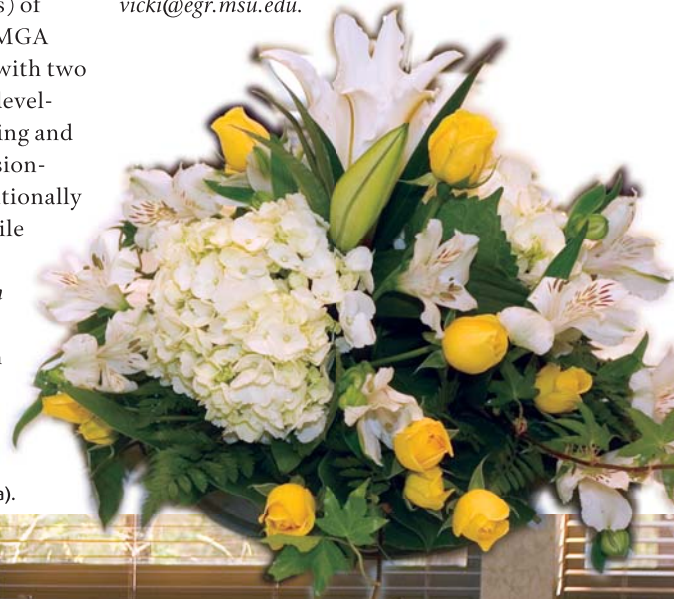
Eileen M. Slider (BS '75 Central Michigan University and MA '83 Michigan State University) is a secondary instructor in Webberville Community Schools. For more details, see article on page 27.

■ **Claud Erickson Distinguished Alumnus Award**

James R. Von Ehr II (BS '72 Computer Science) also received the Computer Science and Engineering Distinguished Alumni Award (see *brief bio in first column on this page and article on page 28*).

To read more about the award winners or about the awards, go to www.egr.msu.edu/egr/publications/today/articles/20060522.alumaward/alum_awds_program.pdf.

For more information on nominating a College of Engineering graduate for an alumni award, please contact Vicki Essmacher at (517) 355-8339 or vicki@egr.msu.edu.



String quartet from the MSU Student Chapter of the American String Teacher's Association (ASTA). Quartet members, from left to right, are: Heather Frank (violin), Dan Bachelis (violin), Erin Little (cello), and Katie Williams (viola).



1 Alton L. Granger (left), recipient of the Civil and Environmental Engineering Distinguished Alumni Award, with his wife, Janice.



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2 James R. Von Ehr II (center), recipient of both the Claud R. Erickson Distinguished Alumnus Award and the Computer Science and Engineering Distinguished Alumni Award, with CSE department chair Laura Dillon (left) and Satish Udpa (right), dean of the college of Engineering.



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3 Patrick Miller's family: Katie and John Stein (grandson); Brenda Power (daughter); Mike (son) and Liane Miller; Patrick and Dolores (wife) Miller; Andrew Stein (grandson); Mary (daughter) and Doug Stein; Sue (daughter) and John Phillips; Kathy Caporeli (fiancée of Tony), and Tony Stein (grandson).



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4 Daniel Brouse (right) accepts the Applied Engineering Sciences Distinguished Alumni Award from program director Les Leone.



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5 Martin Hawley (left), chairperson of the Department of Chemical Engineering and Materials Science, presents the Red Cedar Circle Award in Chemical Engineering and Materials Science to former classmate Joon S. Moon.



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6 Tim Grotjohn (left), acting chairperson of the Department of Electrical and Computer Engineering, presents the John D. Ryder Electrical and Computer Engineering Alumni Award to Gregg Motter.



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7 Ajit K. Srivastava (left), chairperson of the Department of Biosystems and Agricultural Engineering, presents the Biosystems and Agricultural Engineering Distinguished Alumni Award to Robert J. Gustafson.



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8 Eileen Slider (left), recipient of the Green Apple Teaching Award, holding the award, poses with Nathan Chase, a graduating MSU senior in mechanical engineering and a former high-school student of Slider's, who nominated her for the award.



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