The third Annual Applied Engineering Sciences Distinguished Alumni Award was presented to Daniel Brouse (BS ’84) in conjunction with commencement activities in May. Selected by the Applied Engineering Sciences Alumni Advisory Board, recipients must have a distinguished career, evidenced by significant accomplishments; possess high standards of integrity that positively reflect the prestige of the college and the university; be recognized for leadership in the community; and demonstrate support of the Applied Engineering Sciences Program, the College of Engineering, and MSU.

Dan Brouse grew up in Haslett, Michigan, and graduated from MSU with honors in 1984 with a BS in Engineering Arts/Applied Engineering Sciences. While at Michigan State, he worked his way through school as an orthopedic technician at Lansing General Hospital and received academic merit scholarships that assisted with tuition.

Currently, Dan is the president and chief strategist for Brouse & Associates, Inc., a strategic business and marketing consulting firm servicing primarily construction, health care, sports and entertainment, and professional services clients in Southeastern Michigan and the Lansing area.

Dan owned Quantum Marketing for eleven years, a strategic marketing and communications agency that grew to $10 million in sales. There he served as president and chief strategist. He helped solve unique marketing challenges for a variety of large and small clients across a wide range of industries including: automotive, manufacturing, health care, financial services, professional services, and sports and entertainment. Prior to starting Quantum, he held executive and staff-level positions in client services, marketing planning, and operations with VSI and D’Arcy Worldwide. Dan began his career as a consultant with Accenture (formerly Andersen Consulting).

He lives in Novi, Michigan, with his wife of eighteen years, Michelle, and their two children, Patrick (16), and Courtney (14), who both attend Walled Lake public schools. The Brouses are avid Spartan football and basketball fans.

Dan serves his community primarily as a mentor with both Covenant House Michigan and the Mentoring Solutions “Winning Futures” program. He recently demonstrated his strong commitment to supporting higher education at Michigan State University by becoming a member of the President’s Club and contributing a significant gift to the Applied Engineering Sciences Endowment Fund. He is a long-time supporter of the MSU Alumni Association and the MSU Detroit Area Development Council.

He is an active member of the Adcraft Club of Detroit and the Direct Marketing Association. When he is not crafting marketing and business strategies for his clients, he enjoys reading, exercising, coaching baseball, traveling, watching sports, and spoiling his daughter’s dog, Sedona.

Dan joins 2004 winner, Philip L. Fioravante (BS ’84), and 2005 honoree, Jane E. Sydlowski (BS ’86) as recipients of this award.
Welcome to AES Integrations, the redesigned and newly named newsletter for alumni of the Applied Engineering Sciences and Engineering Arts programs. The design of the newsletter has been selected to be consistent with those of the other departments in the College of Engineering. The masthead reflects the global interface of the technical foundation of the program with the current cognates of Business—Supply Chain Management and Telecommunication. The name was chosen to symbolize the integration of the broad foundation of the engineering sciences, core engineering disciplines, and their application to a diverse range of opportunities in business, industry, and government. We hope you enjoy the new look and our continuing attempt to update you with information, events, and issues of interest from your degree program.

~ Les L. Leone
Director, Applied Engineering Sciences Program
Office of Undergraduate Studies

Nominations for the Fourth Applied Engineering Sciences Distinguished Alumni Award

Nominations are now being accepted for the fourth annual Applied Engineering Sciences Distinguished Alumni Award to be presented in conjunction with commencement activities in May 2007. Recipients of this award must: have a distinguished career evidenced by significant accomplishments; possess high standards of integrity that positively reflect the prestige of the college and the university; be recognized for leadership in the community; and demonstrate support of the Applied Engineering Sciences Program, the College of Engineering, and/or MSU. The 2007 recipient will be selected by the Applied Engineering Sciences Alumni Advisory Board.

Full information on the award, the nomination process, and nomination forms can be found at: http://www.egr.msu.edu/egr/programs/bachelors/EAalumniaward.php.

Please note the deadline date for nominations is January 27, 2007.

AES Curriculum Changes—Is ABET Accreditation Next?

During the past year, AES continued to make curriculum changes to strengthen and improve the program. The College of Engineering is in the process of trying to align the AES curriculum to be consistent with the ABET applied science criteria in preparation to request accreditation review of the program for the next cycle of college evaluations in 2010. To begin this process, additional courses have been added to the major requirements, the technical foundation, and the cognates in business and telecommunication.

As a result, the total credits needed for graduation increased from 120 to 128. This makes the program total equivalent to the other ABET programs in the College of Engineering. To view the new curriculum, you are encouraged to visit: http://www.egr.msu.edu/egr/programs/bachelors/degree programs/ugs/applengrsci.pdf. The new requirements will apply to all students admitted to the program beginning this fall. We are excited to have the opportunity to make the necessary modifications to move the program forward. We will periodically update alumni on progress toward this goal.

AES Alumni Networking Web Site Close to Reality!

After many months of preparation, the long awaited alumni networking Web site will be up and running by the beginning of September. As you may recall from past newsletters, the project to develop an AES alumni page evolved into a joint effort by the college and all the other engineering programs and departments. This Web site will allow AES alumni to network with each other, as well as those from all majors in the college. It is the intent of the program to allow participants to receive e-mail from other alumni without having your address posted on a public Web site. Users will also be able to access alumni activities and other news and events of interest. When it’s operational, you should be able to access the site at: http://www.egr.msu.edu/aes/alumni. Stay tuned for more information!
Applied Engineering Sciences Endowment Fund Supports First Two Scholarship Recipients

Thanks to the generous contributions of alumni and friends of the Applied Engineering Sciences Program (see complete list page 6), the AES Endowment Fund has generated enough principal to provide interest income for two $600 academic scholarships. These inaugural awards were presented to Nathan Harrison and Ross Scott, two outstanding students in the program selected by the College of Engineering Scholarship Committee.

Harrison, a senior from Haslett, Michigan, has a double major in packaging and AES–business cognate. During 2005-2006, he served as co-president of the Society of Applied Engineering Sciences (SAES). Nathan has gained valuable experience through internships with Johnson & Johnson and Eaton Aerospace.

Scott, a sophomore from Gladwin, Michigan, is also a member of the MSU Honors College. He plans to pursue the business cognate and is using some of his course background serving as a management intern with College Works Painting.

The AES program is pleased by the generous response from so many alumni and friends. As you may recall, this fund, established in 2004 by Engineering Arts and Applied Engineering Sciences alumni, will be used for scholarships, special projects, and to market the Applied Engineering Sciences program to industry professionals and potential employers. We are still looking to grow the principal in the fund, and are actively seeking additional contributors.

If you are interested in helping to give back to your program, there are several ways to make a gift. You can show your support with cash, credit card, or pledge at www.egr.msu.edu/egr/development/waystogive.php. You can also set up planned gifts and gifts of stock.

Satish Udpa Named College of Engineering Dean

As we went to press, Satish Udpa, acting dean of the College of the Engineering for the past year, was approved by the MSU Board of Trustees to permanently fill the dean position. Please visit the MSU University Relations Web site at http://newsroom.msu.edu/site/indexer/2816/content.htm for more information.

Satish Udpa

Mark Your Calendars for 2006 Homecoming Tailgate!

Once again, the College of Engineering will be holding a homecoming tailgate event for engineering alumni on Saturday, September 30, 2006. The event will begin two hours prior to the noon kick-off in the grassy area to the west of the Engineering Building. We’ll have a tent, tables, door prizes, and plenty of food and refreshments available. All that’s missing is you! An invitation with more details will be sent out in late August or early September. You can visit www.egr.msu.edu/homecoming for more information.

Not planning on attending the game? Come to the tailgate anyway! We guarantee a good time! Last year’s gathering was a great event and this year should be even bigger and better! The Applied Engineering Sciences Program will have a table, so come and meet some of the AES Alumni Board members, and get a chance to meet and greet former classmates, other alumni, current students, and faculty. We hope to see you on September 30!

Hot Off the Presses—New AES Brochure

The College of Engineering is pleased to announce the latest Applied Engineering Sciences brochure for 2006–2007. This publication was designed to be used for marketing and promotion of the program to prospective students and families as well as current and future employers. In addition to a broad description of the program, the brochure lists the job titles of recent graduates, the employers that have hired AES graduates, and information on the cognates and cooperative education.

If you know a student, employer, or anybody else that you think would like to have a brochure, please send an e-mail to Les Leone, AES program director, leone@egr.msu.edu, and we’ll make sure to mail one as soon as possible.

Student Integrations

Nathan Harrison

Ross Scott

Hot Off the Presses—New AES Brochure

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Satish Udpa
Urgent! AES Alumni
Missing in Action!

It’s a jungle out there! Perhaps that’s why we can’t find almost 40 missing AES alumni! If you know where any of the following former students are hiding out, please call Vicki Essenmacher, College of Engineering alumni relations manager, at 517-355-8339 or e-mail her at vicki@egr.msu.edu. We need home or work addresses if possible.
Not Pictured:

Gunars M. Ejups (BS ’81)
General Motors

Monte L. Falcoff (BS ’86)
Board Vice-Chair;
Harness, Dickey, and Pierce, PLC

Nicole Mousseau (BS ’02)
Avnet

Cordell Overby,
Senior Assistant Vice President of
Research and Graduate Studies and
Adjunct Professor
MSU College of Engineering

Kenneth Rossman (BS ’84)
Linamar Corporation

Stephen Lee (BS ’89)
Rohm and Haas

Lisa A. Achenbach 2000
Eric D. Beeman 1991
Charles M. Bodwell 1983
Brian R. Boehlke 1998
Clyde M. Downer, Jr. 2001
Therese H. Franco 1998
Paul M. Garner 1983
Nicholas E. Goerke 2001
Alexander L. Gordon 1998
Lindsay E. Hartley 1999
Ryan C. Haylock 2002
Michael R. Huschke 2001

Lawrence D Kinser 1974
Ginny A. Kortesjoja 1980
Haluk Kulin 1996
Brian R. Lawton 1998
Cloydred V. Lite 1979
Kasie D. Mathena 2003
Marcus L. McCaleb 2001
Daniel M. McKervey 1999
Jason C. Morris 1990
Ryan A. Noel 1999
Caesar J. Norfleet II 2002
Jeffrey D. Pas 2003

Stephanie M. Regan 1998
Eric E. Repke 2000
John D. Roberts 1984
Jeffrey C. Romain 2000
John D. Schneipf 1991
Desmen T. Siders 1995
Nathan A. Sten 2001
Brydon R. Stull 2000
Eugene E. Tucker, Jr. 2001
David G. White 1985
Brandon D. Wright 2001
Carrie A. Wright 1999
Recent Donors to the Applied Engineering Sciences Program

Thank you to the following donors for their support of the Michigan State University College of Engineering Applied Engineering Sciences Program. Your kindness will help build the program, support students, and enhance the quality of an AES education!

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Mr. David W. and Mrs. Connie E. Ammerman
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Mr. Gale J. Dugan
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Mr. Monte L. and Mrs. Janet M. Falcoff
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Ms. Pamela S. Wilson
Ms. Katharine A. Wolanyk
Mr. Randall P. Wolcott
Dr. Thomas F. and Mrs. Kathleen M. Wolff
Celebration Reception a Big Hit with Graduates

The customary Celebration Reception was held for spring and summer graduates in the Applied Engineering Sciences and Engineering Arts majors in May. Over 70 students, family members, and friends joined together with faculty and staff from the College of Engineering to celebrate the accomplishments of this year’s graduating class.

Participants enjoyed a buffet meal, photo opportunities, and a chance to meet with other students and families. Satish Udpa, acting dean, and Thomas F. Wolff, associate dean, made brief remarks. Les Leone, AES program director, and Elaine Johnson, academic adviser, presented each graduate with a certificate of recognition for completion of the program and its cognate requirements. The Celebration Receptions have been held in conjunction with graduation activities since fall 2002.

The Lion King—A “Roaring” Success!

On February 25, 2006, the College of Engineering and the AES program joined forces to host a special alumni event prior to the evening performance of The Lion King at MSU. Fifty-four alumni and friends of the AES program gathered to eat, drink, and chat during a special reception at the Wharton Center. It was a great opportunity to meet old friends and make new ones. Satish Udpa, acting dean, and a number of department chairs and directors joined in the activities. In addition to seeing a great performance, AES program guests were seated in prime rows in the center section for the production. Participants felt like they were part of the play, as actors, musicians, and other performers surrounded the audience. It was truly an evening to remember!

Alumni Integrations

There are many different ways to show your AES spirit!

- Volunteer your time to speak at a meeting of the MSU student chapter of the Society of Applied Engineering Sciences (SAES). The group’s officers are seeking alumni to come back and share their career experiences with current students. If you are interested, contact Les L. Leone or one of the SAES co-presidents, Nathan Harrison (harri430@msu.edu) or Brian Tochman (tochmanb@msu.edu).

- Do you know of a full-time, co-op, or internship job opening with your firm? Let us know! We’ll get the word out to the appropriate students.

- Can you serve as a mentor to a current AES student? Your career stories, advice, and guidance are invaluable!

- Can you encourage your firm or organization to financially sponsor an AES program activity? Many engineering departments have corporate sponsorship for events like career fairs, scholarships, student field trips, and the pre-graduation brunch.

- Use your imagination! How can you and your firm help us educate outstanding graduates prepared to meet the challenges and opportunities of a competitive global economy?

We welcome your concerns, questions, or comments. If you want to take a more active role in the program, contact Les L. Leone, program director (leone@egr.msu.edu).

We look forward to hearing from you as we continue to move the AES program in a positive and productive direction.
(Please also fill out the Keeping in Touch section.)

I/We wish to make a gift/pledge in the amount of: $ ____________
designated for: ____________________________________________

My/Our total gift will be paid as indicated:
☐ Check payable to Michigan State University
☐ A credit card charge to: (check one)
    ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express
    Card number: ___________________________
    Expiration Date: _______________________
    Name on card: _________________________

☐ A pledge of the following duration: (maximum five years)

Enclosed is my first payment of: $ ________________
Send Pledge Reminders:
☐ Annually ☐ Quarterly ☐ Semi-Annually
beginning: month: _______ year: _____________

☐ This pledge replaces all other outstanding pledges.

☐ This is a joint gift with my spouse.
    Spouse name: __________________________

☐ I work for a matching gift company, or ☐ My spouse works for a
    matching gift company. (check one)
    Employer(s): __________________________