

From: Deirdre.R.Meldrum
Sent: Monday, March 10, 2008 9:34 AM
To: DL.WG.CEAS.Faculty; DL.WG.CEAS.Staff
Subject: Brickyard Bulletin



March 10, 2008

The Time is Right for Engineering.

Engineering faculty and staff who attended our recent town hall meetings will recall this theme. The Ira A. Fulton School is continuing to advance its leadership, innovation and excellence in engineering education and discovery. Our students, faculty and staff remain among the brightest stars at ASU, and the accomplishments of our Engineering community are garnering increasing levels of attention and acclaim. See below for some examples of our recent news and honors.



A major highlight of the January town hall meetings was the announcement of a **\$4 million gift from Gary and Diane Tooker** in support of **K-12 science, technology, engineering and mathematics (STEM)** education. With this gift, the school of engineering will create five new faculty positions, including one endowed chair and four endowed professorships to support this initiative. We are grateful to the Tookers for their generosity and support, and I look forward to our continued progress in this important area.

During the month of February, the school hosted some very successful events. "**Dinner and a Conversation**" was sponsored by the Society of Women Engineers (SWE) and other engineering student organizations. Students participated in an "auction" to have dinner with nearly 30 school faculty, staff, department chairs and deans, as well members of industry. Student organizations had representatives on hand to recruit new members, and the dinner was held immediately following in the Engineering Student Center. The main goal of the event was to **bring students together with school and industry leaders**, and the results were overwhelmingly positive.

In addition, the **first-ever career fair** conducted by our new Engineering Career Center drew **more than 850 engineering students** and **more than 40 companies**. Our Student Center was buzzing with excitement as students connected with our corporate partners to discuss internship and employment opportunities. By any measure the event was a tremendous success, and it demonstrated the continuing demand for talented engineering students like those in our programs.

Thank you for your ongoing support of our vision!

-d2-

Deirdre R. Meldrum, Ph.D.
Dean, Ira A. Fulton School of Engineering
Director, Center for Ecogenomics, Biodesign Institute
Professor, Department of Electrical Engineering
Arizona State University



ARIZONA STATE UNIVERSITY

Leading engineering discovery and innovative education for global impact on quality of life.

[Upcoming Events]**School Picnic**

April 5, 2008

*more details to follow***Annual Service Awards lunch**

April 8, 2008

11:30 a.m. – 1:30 p.m.

Student Services lawn

[Recent News & Honors]

Bryan Vogt, assistant professor the **Department of Chemical Engineering**, received the prestigious National Science Foundation **Career Award**. Vogt's award will provide more than \$405,000 over five years to support his research on expanding the capabilities of **nanostuctures and nanomaterials** and fund instruction of undergraduates in the subject.

Engineering's **High Performance Computing Institute** (HPCI) will assist in developing the "cyberinfrastructure" – the computational tools – for the **iPlant Collaborative**, a project aimed at answering the most challenging questions in plant biology. The **National Science Foundation** awarded **\$50 million** to begin the project, and potentially an additional \$50 million after the project's first five years. It is the **single largest NSF grant** ever awarded for research in Arizona.

Lauren Levin, an academic advisor in the **Department of Civil and Environmental Engineering** won one of Arizona State University's annual **Excellence in Advising Awards**. The award recognizes advisors whose work demonstrates effectiveness in recruiting and retaining students.

Kanav Kahol, assistant professor in the **Department of Biomedical Informatics** and Marshall Smith, a surgeon at Banner Good Samaritan Medical Center in Phoenix, made news by demonstrating how **playing video games** on the Nintendo Wii can **help physicians** improve some of the motor skills necessary to **perform delicate surgery**. The gaming console uses a motion-sensitive control to produce a virtual-reality experience.

A **National Institutes of Health** Bioengineering Research Partnership grant of more than **\$3.2 million** will support a research project led by **Ranu Jung**, associate professor in the **Harrington Department of Bioengineering** and co-director of the **Center for Adaptive Neural Systems** (ANS). The project's goal is to produce a clinical advanced prosthetic system.

Henry Sodano, assistant professor in the **Department of Mechanical and Aerospace Engineering**, is being recognized as one of the outstanding young engineers in the United States through his selection to present his research at the upcoming 2008 **German-American Frontiers of Engineering Conference**. The conference is sponsored in part by the **National Academy of Engineering**.

For a third straight year, the award for best research paper presented at the international **Medicine Meets Virtual Reality** conference has been won by a team led by Ira A. Fulton School of Engineering faculty members, including **Sethuraman Panchanathan**, **Kanav Kahol**, and recent graduate **Anushu Sridaran**.

The work of **Shuiqing (Fisher) Yu**, assistant professor of research in the **Department of Electrical Engineering** and member of the **Center for Nanophotonics**, was recognized with an award from the Waves and Devices Chapter of the Phoenix Section of the **Institute for Electrical and Electronics Engineers**.

Mark Van Schilfgaarde, a professor in the **School of Materials** and director of the **Center for Computational Nanoscience**, has been elected a fellow of the **American Physical Society**.

[View more in the Engineering Newsroom >>](#)

Questions? Comments? Send them to: Deirdre.R.Meldrum@asu.edu
Copyright and Trademark Statement | [Contact Ira A. Fulton School of Engineering](#)