

# Engineering News

December 2010

Across Disciplines.  
Across the World.™

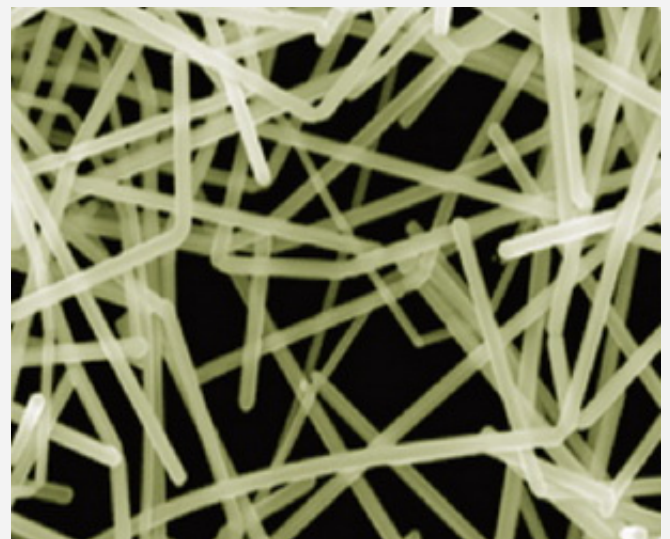
## FEATURED STORY



### 37<sup>TH</sup> ANNUAL ENGINEERS SCHOLARSHIP DINNER

The annual dinner was held November 17 at the Crowne Plaza in St. Louis. Founded in 1974, the Engineering School was the first school at Washington University to create a scholarship program. Speakers included alumnus Tony Thompson, President & CEO of Kwame Building Group; Kristin Robertson, Boeing Chief Engineer, Global Strike Systems & St. Louis/St. Charles Site; and Alice Ndikumana, biomedical engineering student and scholarship recipient.

[VIEW PHOTOS](#)



## NEW GRADUATE CERTIFICATE IN CONSTRUCTION MANAGEMENT

"This new graduate certificate program in construction management builds on the strengths of our current program and will provide an additional service to the architecture, engineering, and construction community by preparing the next generation of construction industry leaders," says Dean Ralph S. Quatrano.

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## NEW MINOR, SUMMER FELLOWSHIPS IN NANOTECHNOLOGY

The School of Engineering & Applied Science launched a new minor in nanotechnology open to any undergraduate pursuing a major in engineering, biology, physics, or chemistry and a new summer fellowship program to develop nanotechnology teaching modules for K-12 students.

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### STUDENTS

#### WUSTL STUDENTS TAKE SILVER IN SYNTHETIC BIOLOGY COMPETITION

A team of biomedical engineering and biology students competed against more than 100 teams from around the world and ranked over teams from several universities including Harvard, MIT, Stanford, Brown, and Caltech.

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### FACULTY

#### ASSOCIATE PROFESSOR DAN GIAMMAR EARNS EMERSON EXCELLENCE IN TEACHING AWARD

**Professor Giammar** joins a group of past Washington University honorees including **Robert Pless** and **Sally Goldman**.

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### ALUMNI

#### FOUNDERS DAY 2010: THE DISTINGUISHED ALUMNI AWARD WINNERS

Engineering alumnus **Donald A. Jubel** (BSME '73) was honored with the University's Distinguished Alumni Award.

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### UPCOMING EVENTS

[Tue, Jan 18](#)

First day of classes

[Sun, Feb 20](#)

National Engineers Week

[Wed, Feb 23](#)

Engineering Alumni Achievement Awards

[Sat, Feb 26](#)

Women in Engineering Day

[Wed, Mar 23](#)

National Society of Black Engineers National Convention

[Wed, Apr 27](#)

FIRST Robotics National Championships in St. Louis

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### RESEARCH NEWS

[Nanotechnology conference draws scientists from across the state](#)

Organized by seven Missouri universities, the 2nd Annual Missouri NanoFrontiers Symposium offered sessions on the latest advances in nanotechnology and opportunities for commercializing them.

[National Science Foundation awards grant to Professor Arve Nehorai](#)

The four-year, \$827,820 grant will continue research for "Design and Implementation of Position-Encoded 3D Mircoarrays."

[Champion hydrogen-producing microbe](#)

Professor Himadri Pakrasi's lab is currently researching Cyanothecce 51142, a cyanobacteria with a hidden talent for producing hydrogen gas, a potential biofuel. Pakrasi is a professor in the School of Arts & Sciences and a professor of energy in the School of Engineering & Applied Science.

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