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# Engineering News

MARCH 2014

## Meet the 2014 Alumni Achievement Award recipients

From a president of R&D for a new Google startup to a vice chairman of investment banking at a global firm, the six alumni chosen to receive the 2014 Alumni Achievement Awards are outstanding representatives of the School of Engineering & Applied Science.

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### STUDENTS



## Discovery competition chooses semifinalists

Ten teams have been chosen as semifinalists for the 2014 Discovery Competition, which will ultimately award \$25,000 to the winning team.

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### FACULTY



## 3-D printer creates transformative device for heart treatment

Using an inexpensive 3-D printer, **Igor Efimov**, PhD and his team have developed a custom-fitted, implantable device with embedded sensors that could transform treatment of cardiac disorders.

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### ALUMNI



## Plant-based plastics target of alumna Robertson's research

**Megan Robertson**, PhD, who earned a bachelor's degree in chemical engineering at WUSTL, is working to develop plant-based alternatives to petroleum-based plastics, or polymers.

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### UPCOMING EVENTS

**March 9-15**  
Spring Break

**March 20**  
Alumni Achievement Awards

### RESEARCH NEWS

## Special glasses help surgeons 'see' cancer

Developed by **Samuel Achilefu**, PhD, professor of radiology and biomedical engineering, and a team of researchers,

**March 20**

Guest Lecture: Hal Barron, MD, President of Research & Development at Calico

**March 22**

EnCouncil Lecture featuring Steven W. Squyres

**April 11**

Ryckman Lecture

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the technology may help surgeons distinguish cancer cells, which glow in blue, from healthy cells.

**Danielli named Pipeline Entrepreneurial Fellow**

**Amos Danielli**, PhD, a postdoctoral researcher in the lab of **Lihong Wang**, PhD, is one of 13 entrepreneurs in the 2014 Class of Entrepreneurial Fellows.

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**PHOTO GALLERY:** Take a look at the highlights of this year's Engineers Week in this Facebook photo gallery.

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