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 Washington University in St. Louis

Engineering

# Engineering News

FEBRUARY 2014

## Engineers Week features events for all

Engineers Week 2014, from Feb. 16-22, features a variety of events that bring engineering to life for students, faculty, staff and the campus community.

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### STUDENTS

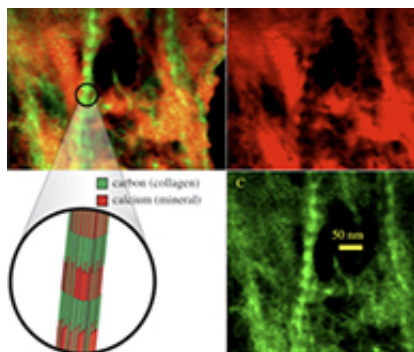


#### Polk's India experience a great learning opportunity

Madeleine Polk, a senior majoring in Systems Engineering, went to India in January as part of the Winter Institute in System Dynamics for Rural Development.

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### FACULTY



#### Researchers blend orthopedics, engineering to better repair torn rotator cuffs

WUSTL researchers are using a \$3.1 million grant to find a better way to improve the outcome of rotator cuff repairs.

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### ALUMNI



#### WUSTL Engineering prepared Sowah for nuclear industry career

Alumna Sandra Sowah uses her WUSTL engineering education to analyze piping vibrations and fluid mechanics in nuclear reactors.

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**Feb. 16-22**

Engineers Week

**Feb. 19**

Women & Engineering Panel Discussion:  
"Lean In"

**Feb. 19**

EnCouncil's Cheap Lunch with Deloitte

**Feb. 20**

Paper Airplane Challenge sponsored by  
WUSTL Library

**Feb. 20**

Mindlin Lecture featuring Mark Barteau,  
EN76

**Feb. 22**

EnCouncil Lecture featuring Steven W.  
Squyres

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**Schaettler collaborates to  
investigate ways to control  
disease spread**

**Heinz Schaettler**, PhD, and **Urszula Ledzewicz**, PhD, from SIU Edwardsville, received a grant from the National Science Foundation to examine ways to control cancer treatments and the spread of infectious diseases.

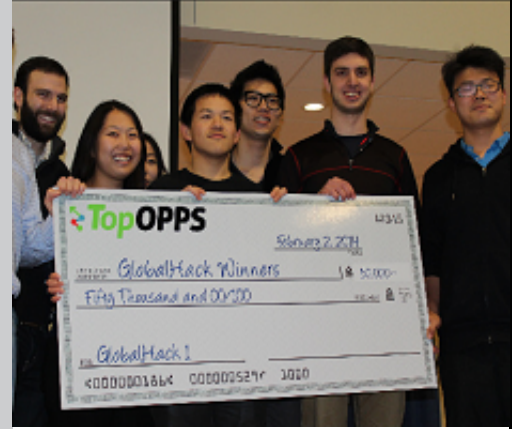
**Postdoctoral fellows' research  
highlighted in PNAS**

**Mohammad R.N. Avanaki** and **Jun Xia**, postdoctoral fellows in Lihong Wang's lab, had a paper published in the Proceedings of the National Academy of Sciences.

**Jain receives Qatar National  
Research Fund grant**

**Raj Jain**, PhD, professor of computer science & engineering, has received a grant in collaboration with Qatar University to study application delivery in cloud-based application deployment environments.

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**From the blog:** A team of Washington University students won the \$50,000 first prize in the GlobalHack hackathon Jan. 31 at Union Station in St. Louis.

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