

Engineering e-News

MARCH 2010

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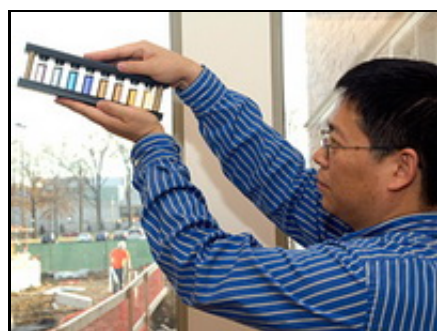
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Connection Series: Meet Dean-Designate Ralph Quatrano

Alumni and friends are invited to a special Connection Series Event to meet Dean-Designate Quatrano on April 1 at 6 p.m. in Whitaker Hall.

[RSVP now](#)



Highly cited scientist and professor Younan Xia discusses metal nanocrystals

An illustration showing how a near-infrared light is used to trigger the conformational change for a polymer coating on a gold nanocage and thus the release of encapsulated drug.

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Yinjie Tang earns National Science Foundation CAREER Award

The results of **Assistant Professor Tang's** work will enable the more effective production of butanol and biofuels via biological pathways using carbon dioxide and sunlight.

[Read more](#)



Engineering freshman's Web site locates free food on campus

Stan Rosenthal is a freshman in the Department of Computer Science & Engineering. His Web site, www.nomealpoints.com, lists all of the free

Upcoming Events



Wed, Mar 31

Campus-wide Blood Drive

Tue, Apr 8

"Faces of Hope" A University-Wide Celebration of Civic Engagement & Community Service

Tue, Apr 8

Engineering Senior Class Gift Kickoff Event

[View More Events](#)

Research News



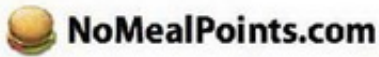
Computer Magazine features article authored by Computer Science & Engineering professors

The article describes the world's first use of reconfigurable logic, graphics engines, and chip multiprocessors all working together to solve one problem.

Journal of Neuroscience features paper by new biomedical engineering professor

Assistant Professor **Barani Raman's** recent work entitled, "Temporally Heterogeneous Activity in Olfactory Receptor Neurons," focuses on olfactory coding and neural signal processing.

Professor collaborates with



food events on campus each day.

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[Tennessee Tech University and Department of Defense](#)

An associate professor in the Department of Energy, Environmental & Chemical Engineering, **Venkat Subramanian**, was awarded \$302,132 for research titled "Life-Modeling of Li-ion Cells-Phase II."

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Preston M. Green Hall Groundbreaking

The Green Hall groundbreaking ceremony will take place Friday, April 30 at at 5 p.m. in the parking lot on the northeast corner of the Danforth Campus.

[RSVP here](#)

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