

Spring 2014

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Hello from Berkeley Bioengineering!

It's been another busy year, and we just sent another class of over 100 outstanding graduates out to change the world. Check out some top stories from the past year below, and visit us for more at BioEng.Berkeley.Edu.



Welcome Professor Messersmith

Dr. Phillip Messersmith is a pioneer in the field of biomaterials and materials science, known for developing coating technologies to improve the biocompatibility of implants. We plan to announce several more new faculty soon.



Grad program ranked 7th best in the U.S.

[New rankings from US News & World Report](#) placed our bioengineering graduate program at 7th best in the nation!

Turkeys inspire toxin early warning system

Professor Seung-Wuk Lee's team has devised a

MEng team with Big Idea

A team of BioE Master of Engineering students took [first](#)

bacteriophage-based sensor which changes color upon binding to specific molecules. Inspired by turkey skin, this research was published in [Nature Communications](#) and profiled in [The Scientist](#).



[place in the CITRIS Big Ideas competition](#) for their ENOSE non-invasive blood sugar monitoring system.



CellScope startup in the NYTimes

The CellScope otoscope, based on the CellScope pioneered by Professor Dan Fletcher's lab, is being developed by alumnus Erik Douglas' startup Cellscope, Inc. and was [featured in the New York Times](#) this spring.



The Single Cell Western Blot

Single-cell western blots by Herr and Schaffer labs bring microarray frameworks to highly specific protein separations, expanding the study of single-cell variation to the proteome. [Read More >](#)

Plus:

The [30th anniversary of the UC Berkeley - UCSF Graduate Program](#) in Bioengineering, [AIMBE Fellows Herr and Li](#), [Keck grant for Kumar and Murthy](#), [award winning BioE student startups](#), and [new AAAS Fellow Kevin Healy](#). All this and more at [BioEng.Berkeley.edu](#).



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