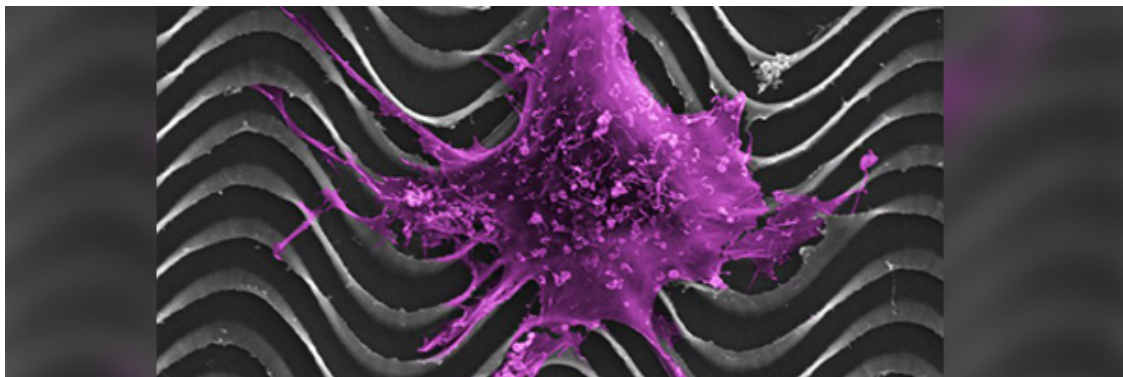




### **BME student wins GE "Unimpossible Missions: The University Edition"**

Fourth-year undergraduate Chris Nguyen won the international competition with his idea for proving that you can, in fact, unring a bell. Nguyen will receive a 10-week paid internship in 2017 at the GE Global Research Center in Niskayuna, New York, and a scholarship of up to \$100,000 to continue his education. **More...**

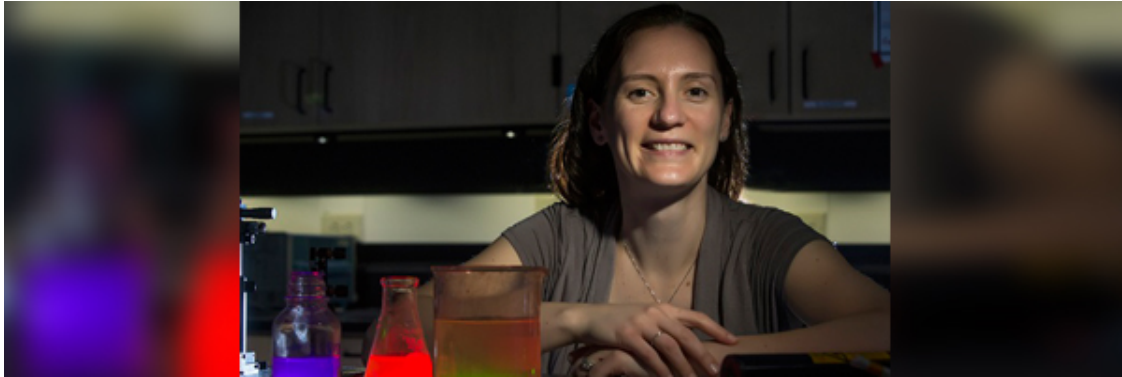


### **\$2M NIH grant to fund trailblazing ovarian cancer research**

Led by Professor **Paul Campagnola**, the researchers aim to improve the ovarian cancer survival rate by understanding how ovarian cancer cells interact with nearby body tissue, and by developing new tools for imaging and detecting the disease.

**More...**

---



### **New faculty member Skala earns NSF CAREER Award**

The funding will allow Melissa Skala to build an imaging system that can predict a cancer patient's response to certain types of treatments. By taking a sample of a patient's tumor, exposing it to a specific environment and testing various treatment options, Skala can calculate a patient's response to a specific therapy without actually treating him or her. **More...**

---

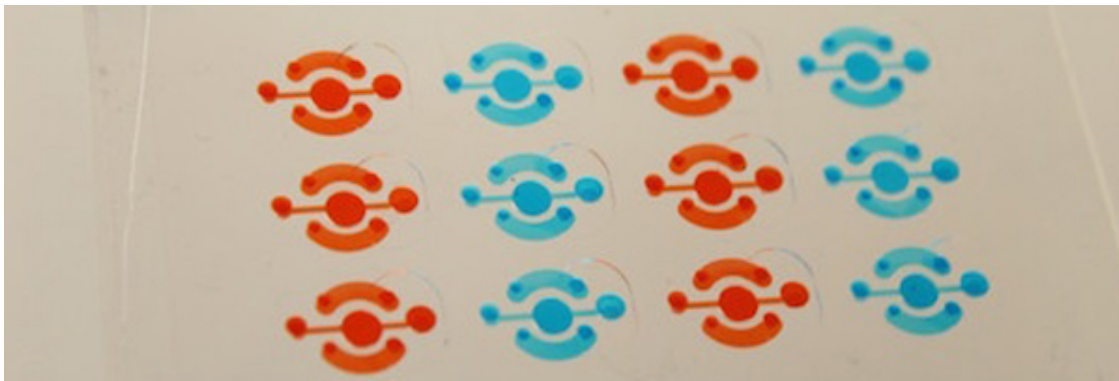


### **Tweaking text in the book of life:**

#### **What engineering genomes means for science and society**

Thanks to a revolutionary new gene-editing tool called CRISPR/Cas9, researchers have the ability to tweak life's instruction manual with unprecedented ease and precision—and UW-Madison biomedical engineers are. **More...**

---



### BME spinoff among Wisconsin Innovation Award recipients

**Lynx Biosciences**, which uses technology developed by Professor David Beebe, won in the “Health IT–Service” category. The company’s technology predicts how multiple myeloma and other blood cancers will respond to drug treatment, with tests designed to select the drug most likely to benefit a patient. **More...**



### Williams among four college faculty elected fellows of AIMBE

Professor and Chair Justin Williams investigates interfaces between brain tissue and technology. He aims to develop assistive devices amputees or “locked-in” people can operate with the power of their minds. **More...**

Wisconsin Home Wisconsin Events Archives Economists VC / MBA Deals

#### Fred Lee, The UW Radiologist With Startup Vision

Jeff Buchanan June 29th, 2016 @jeffbuchanan @economy Like Us

[Editor's note: This is part of a series of stories on physicians at the University of Wisconsin Hospital and Clinics who have become full- or part-time entrepreneurs.]

Fred Lee is not afraid to put himself out there.

Lee is a radiologist at the University of Wisconsin Hospital and Clinics, where his primary area of interest is the ablation, or elimination, of cancerous tumors. He says that around the year 2000, he decided that the radio frequency ablation devices he and his colleagues were using “were just not good enough.” But since Lee’s background wasn’t in engineering, he had to reach out for help.

“I knew exactly what I wanted to do to improve the devices, but I wasn’t equipped to make my ideas a reality,” Lee says. “So I walked over to the [UW-Madison] engineering school and I started knocking on doors.”

After a few unsuccessful pitches to researchers, Lee got a bite from John Webster, a professor emeritus of biomedical engineering at the school. Webster found a graduate student named Dieter Haemmerich who was willing to assist Lee, and together the two built the device Lee envisioned. They later licensed the technology to Valleylab, now a brand of Medtronic (NYSE: MDT), the Ireland-based medtech giant whose products include radio frequency ablation systems.

That example highlights Lee’s talent for spotting knowledge gaps (even his own) and

UNDERWRITERS AND PARTNERS

ALXANDRIA

move. your community every day.

4490 ventures

FROM OUR COLLABORATORS

Startup Support is Key for WI’s Culture of Innovation

WISCONSIN QUALITY PROGRAM sets up entrepreneurs for success

WISCONSIN ECONOMIC DEVELOPMENT CORPORATION

Connect with Economy

### BME IN THE NEWS

**This article from Xconomy** (June 29, 2016) features **Fred Lee, Jr.**, a professor of radiology and biomedical engineering, and highlights his collaborations with Electrical and Computer Engineering and Biomedical Engineering Professor **Daniel van der Weide** and Radiology and Biomedical Engineering Associate Professor **Chris Brace**.