

Berkeley BIOENGINEERING

The future of biology. The future of engineering.

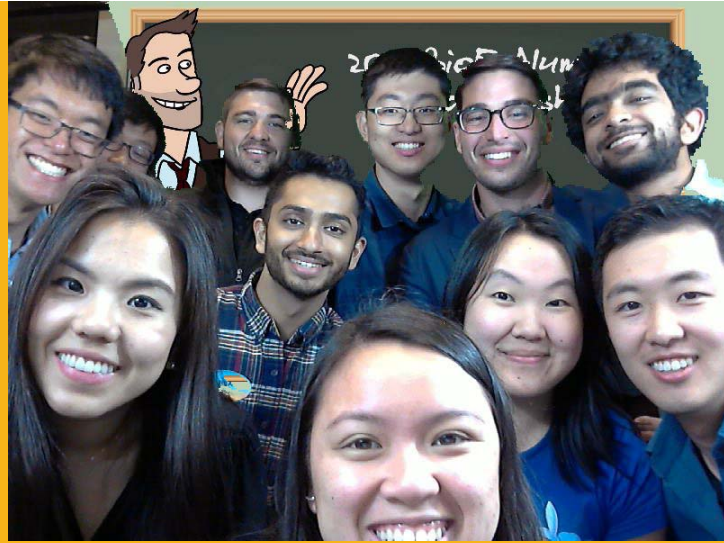
June 2017

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The 2017 Alumni Bash!

Our 2nd annual BioE Alumni Summer Bear Bash was June 3. What a night!

[Check out the event photos](#) and shots from the [alumni-run PhotoBot photobooth](#).



All alumni, please [use this short survey](#) to let us know what kind of events you'd like to attend.



Four firsts for MPI

Professor Steve Conolly's lab brings Magnetic Particle Imaging closer to the clinic with [four first-in-animal demonstrations](#) published this year.



[Summer of Design](#)

Follow the 12 students and recent alumni of the Summer Biodesign Immersion Experience as they blog their exploration of the role of engineering design in clinical medicine. The BIE is sponsored by the NIH.

We are excited to welcome our largest-ever class (and highest yield) of incoming freshmen bioengineers — and 42% are female.

Everyone knows good things are happening at Berkeley BioE!



BioE startup *mFluidX* has developed a portable, self-powered, low-cost nucleic acid detection chip — a new alternative to real-time PCR testing in remote or low-resource settings.

Startup **Eko Devices** has received FDA clearance for its second tool, *Duo*, a combined digital stethoscope and electrocardiogram (ECG).

Nanocarriers for Neurological Diseases

Prevention of Early Breastfeeding Cessation

Applied Rejuvenative Therapies

Just a few of this year's
Master of
Engineering projects!

