



MEDHACKS

**Johns Hopkins
University**

Sept 23-25, 2016

***Bridging the gap between engineers,
clinicians, healthcare professionals,
and entrepreneurs to accelerate
medical innovation***

What is MedHacks?

MedHacks is a unique event where hundreds of students and professionals come together for a weekend at the Johns Hopkins University campus to tackle some of the world's most pressing medical issues.

Hackathons are a popular innovative platform for technological advancement. MedHacks takes the concept and channels that energy toward solving important medical issues. MedHacks is the first such event in the Maryland/D.C region, an area increasingly known for its scientific presence. The Johns Hopkins event is backed by the country's top Biomedical Engineering program and one of the top Medical Schools in the world.

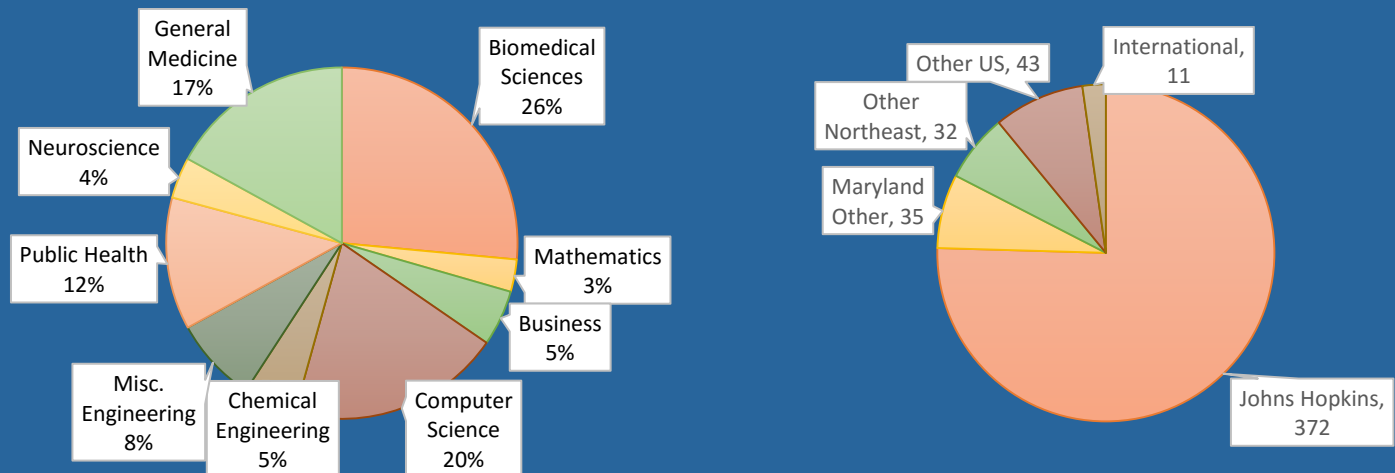
During the MedHack weekend, dozens of Interdisciplinary teams spend 36 intense hours researching, coding, and presenting new solutions to today's medical challenges. Mentored by health professionals, each team presents its finished projects to a panel of judges who award cash prizes.



The Inaugural Event 2015

Who Attended?

490 students of diverse majors and from across the world



Notable Universities: Stanford, MIT, Yale, UPenn, Princeton, Columbia, Cornell, the United States Naval Academy, Carnegie Mellon University, and NYU

Best Projects:

DVT – 1st Place:

DVT designed a device to detect deep vein thrombosis by creating a continuous sine wave and observing for a modulated return signal caused by DVT.

Project 1 – 2nd Place:

This team developed a method for detecting compartment syndrome by measuring pH with fiberoptic sensors.

MedMatch Help – 3rd Place:

MedMatch Help designed a SMS-service to for Caribbean medical facilities to communicate their need for medical equipment and help coordinate the donation.

Goals for MedHacks 2016

We want to make technological and healthcare innovation **more accessible** to everyone, especially women and underrepresented minorities. Thus, we introduce the MedHacks Diversity Initiative, a plan to make MedHacks 2016 more diverse than ever.

1. We will work with our technology sponsors to bring minority and women role models to MedHacks as speakers, mentors, and judges. Hackers will be able to receive guidance from and network with these industry experts.
2. We will promote MedHacks in the Baltimore community, both at local high schools and colleges, and provide mentorship to those that attend.
3. We will collaborate with groups such as Society for Women Engineers, Society of Hispanic Professional Engineers, National Society of Black Engineers both at Johns Hopkins and at other universities to encourage underrepresented groups in STEM to attend MedHacks.

This year we hope to grow the event to be even more successful than last year. The Maryland/DC area has many resources including the NIH, NSF, and FDA, yet there is no innovative event like JHU's MedHacks focusing on the needs of the medical community. We are excited by **the potential solutions** unleashed by these focused teams.

Increased partnership from corporations in the field help support the effort.

There is also an **increased potential** for sponsors to present project ideas in an opening ceremony speech and continue to work with teams through mentors and workshops. Last year, we had sponsors including Google, Thalmic Labs, Pebble, LeapMotion, Philips, and Athena Health, many of whom were active on-site participants supporting the event. Others were monetary sponsorships which helped underwrite the event. Many of these companies are also active recruiters for JHU graduates.

Sponsorships for 2016

Sponsorship levels range from \$1500 named contributor to \$10,000 branding title. With each level, sponsors are permitted increased access and visibility before, during and after the event. Of particular interest are larger sponsors who are given the opportunity to recruit talented young hackers on site and to focus hacking teams on targeted medical issues of interest to that firm.



A Catalyst for Interdisciplinary Medical Innovation

September 23-25, 2016

SPONSORSHIP INFORMATION

	Nucleotide	Sequence	Gene	Chromosome	Nucleus
	\$1,500	\$2,500	\$4,500	\$8,500	\$10,000
GENERAL					
Bring Hardware	✓	✓	✓	✓	✓
Send Mentors/Representatives	✓	✓	✓	✓	✓
Present at Opening Ceremony		1-Minute	1-Minute	2-Minutes	2-Minutes
Run a Workshop (by you)			✓	✓	✓
Judge in Preliminary Panel				✓	✓
Suggest Keynote Speaker					✓
BRANDING					
Bring Swag	✓	✓	✓	✓	✓
Logo on Website	✓	✓	✓	✓	✓
Logo on Hacker T-Shirt		✓	✓	✓	✓
API Directory		✓	✓	✓	✓
Award Branded Prize			✓	✓	✓
Present Prize on Stage at Closing Ceremony				✓	✓
RECRUITMENT					
Access to Participants' Resumes				✓	✓
Distribute Recruiting Materials					✓
Interview On-Site					✓

Add-In
Award Branded
Prize \$1000

Add-In
Run a Workshop
\$750

Add-In
Distribute Materials
\$1000