



# MEDHACKS

*Johns Hopkins Medical Campus | September 7-9*



JOHNS HOPKINS  
UNIVERSITY

## Hacker Information Packet

# Welcome

## ***Dear MedHacks 2018 Participant,***

Welcome! The entire MedHacks team is thrilled to welcome you to the fourth annual MedHacks medical and healthcare hackathon at the Johns Hopkins University Medical School, from September 7th to September 9th, 2018.

We're excited to host 750 of the best and brightest students from around the world to participate in the world's biggest medical hackathon. This year's participant group is more diverse than ever, with applicants coming from over 25 countries and studying a range of topics from Aerospace Engineering to Zoology. We can't wait to see what this incredible group of individuals will make this weekend!

To help you make the most of your time at MedHacks, please review the information in this packet. Included are answers to a variety of questions about accommodations, food arrangements, and the schedule for the weekend.

Additionally, please be sure to join our MedHacks 2018 Facebook group, like us on Twitter, Instagram, and Facebook, and join the participant Slack to be up-to-date on everything happening this weekend!

Best,

**The MedHacks Team**

*medhacks.org*

*facebook.com/medhacks*

*twitter.com/medhacks*

*instagram.com/medhacks*



# FAQs

## ***How big can teams be?***

Teams can be up to 5 people. There are no exceptions to this limit; if we see that your team has greater than 5 people working, we reserve the right to disqualify the team.

## ***How do I come up with an idea?***

We have track-specific pitching sessions coordinated by the sponsor of the track. There, the track sponsor will give more insight into the problems that they're seeing in medicine, and hackers can pitch an idea that they're excited about within the field of the track. Please note that MedHacks does NOT permit hackers to submit a project that they've been working on outside of the 36 hours of hacking at MedHacks. If we see that a team member has been working on the project prior to MedHacks, we will disqualify the team.

## ***I don't have a team yet! Is that okay?***

Yes! That's more than okay. We encourage hackers to come to MedHacks without a preformed team and instead meet people with similar interests and diverse skills at the event itself.

## ***I've seen something sketchy. What do I do?***

Johns Hopkins security officers will be present throughout the event space, and you can find them near the exits. Please report anything illegal, immoral, or anything that makes you uncomfortable to them. You can also find a MedHacks organizer (in the red shirts) and report to them.

## ***What else could I win?***

In addition to the three tracks, we have a number of branded prizes sponsored by other corporate sponsors. These will be announced at the opening ceremony and are on Devpost ([medhacks-2018.devpost.com](http://medhacks-2018.devpost.com)), so keep an eye out on these! There are over \$12,000 in prizes!

Additionally, MedHacks is offering prizes for teams based on popular vote- hackers, organizers, mentors, judges will all be able to vote. We hope that this will motivate you to interact with as many people as possible to showcase the work you've created. Once community voting opens, you can vote for however many teams you wish on the MedHacks portal. Keep in mind that while you can vote for as many teams as you'd like, you can only vote for a particular team once!

# FAQs cont.

## ***What's up with tracks?***

At the end of MedHacks, your team will submit your project to one of our three tracks: Patient Safety & Quality; Community Health Infrastructure; and Open Science to Increase Health Equity. Each track comes with different track-specific prizes that are outlined below. Please note that you must submit to one and only one track!

### **Patient Safety & Quality**, sponsored by **Johns Hopkins Armstrong Institute** and the **Johns Hopkins School of Nursing**

Your participation in this track and innovative ideas can further their shared commitment to eliminate preventable harm to patients and achieve the best outcomes at the lowest cost possible. The three focus areas highlighted in the track are Geriatric Safety, Joy of Practice, and Digital Approaches to Care Management. There will be a number of faculty mentors from both the Armstrong Institute and the School of Nursing available for the entire weekend to assist you with your project.

Winners of this track will be given private professional development sessions with leadership from within the Johns Hopkins University network.

### **Community Health Infrastructure**, sponsored by **Blue Cross Blue Shield**

The future of health is governed by the capacity to better design and manage the Infrastructure within the community setting. The Community Health Infrastructure track extends into the community setting to address barriers, such as primary care desert, pharmacy desert, nutrition desert, transportation desert, and fitness desert. The window of opportunity exists to help shape the future of the new health service delivery model for the next decade.

Winners of this track will be given private professional development sessions with John Banta, the Executive Director of the Blue Venture Fund.

### **Open Science to Increase Health Equity**, sponsored by **Johns Hopkins Alliance for a Healthier World**

Your team's mission is to help us advance health equity through an open science "hack." By health equity, we mean not just the finding of disparity, but also coming up with solutions to reduce or resolve them. Your project might build on the following focus areas: scaling technology platforms, making data actionable, and empowering patients.

The winning team will receive \$500 plus free consultation with the Hopkins Social Innovation Lab. Teams with at least one Hopkins student also eligible for \$1000 in translational support from Hopkins Fast Forward U.

# Logistics

## Slack

MedHacks will use Slack as another channel of communication, as well as a way for you to all connect to mentors. Each of the channels have a specific purpose in their description; ie #questions is for any logistical questions you might have for MedHacks organizers. You can join the channel at <https://tinyurl.com/MedHacksSlack2018>.

## Team Registration

Once you have formed your team, please make your way to the team registration table to receive your t-shirt and swag and inform an organizer of your team name. Once our team inputs your team name, you can log into your portal and add yourself to that team.

## Project Submissions

All submissions are due on September 9th at 9:30:00 AM EST. Late submissions will not be accepted. The link is [medhacks-2018.devpost.com](http://medhacks-2018.devpost.com). If you are having issues submitting, talk to a MedHacks organizer or speak with devpost support on the #devpost\_support channel on Slack. MedHacks organizers will also be staffing devpost help sessions for the hour and a half prior to the submission deadline.

## Transportation

Parking will be free at the **Washington Street Parking Garage**, [701 N Washington St, Baltimore, MD 21205](#), which closes at MIDNIGHT on Friday and is open FREE of charge on Saturdays and Sundays from 7am - 7pm. As long as you enter on Friday before Midnight and leave on Sunday before 7pm, it should be completely free of charge.

# Logistics cont.

## Judging

The first round of judging will be science-fair style. Each team will set up on an assigned table in the same room as the rest of their track, and judges, which may or may not include MedHacks organizers, will stop by to each team and judge them based on preset criteria. The top ten teams from each track will continue to the second round of judging. This round is where judges for branded prizes will evaluate teams.

During the second round of judging, each of the top ten teams of each track presents to a panel of three judges, as well as the other teams in their track. This is a great opportunity to hear what other teams in your track were able to come up with, and start to think about who you wish to vote for in the crowd-scored MedHacks prize!

For the MedHacks prize, the top three teams will be determined by popular vote. This allows virtually any team to potentially win the MedHacks prizes. Interact with other teams to learn about their projects and show off your work during the entire weekend. To vote, log into your application portal and vote for as many teams as you would like once.

The winning teams will present their projects to everyone at the closing ceremony, as well as will receive their prizes as written above!

# Schedule

## Friday, Sep 7

Time		Location
3:00 PM	Hackers Register & Sponsor Fair	Turner Concourse
6:00 PM	Opening Ceremony	Turner Auditorium
7:30 PM	Dinner	Turner Concourse
8:30 PM	Pitch Sessions	Contingent on track
11:00 PM	Team Registration & Hacking Begins	
12:00 AM	Midnight Snack Break	Delivered to you

## Saturday, Sep 8

Time		Location
7:30 AM	Breakfast	Turner Concourse
8 AM - 8 PM	Workshops & Info Sessions	See schedule (next page)
10:00 AM	Big Data in Healthcare Panel	Turner Auditorium
12:00 PM	Lunch	Turner Concourse
1:00 PM	Recreation: Destress with Dogs Stressbusters: 15 minute massage	
3:30 PM	Recreation: Snowball Fight & Yoga	Cooley Gym
6:00 PM	Dinner	Turner Concourse
7:30 PM	MLH Cup Stacking	Turner Concourse
8:00 PM	Recreation: Cookie Decorating	Kitchen
10 PM - 2 AM	Recreation: Snow Cones	Kitchen



# Schedule cont.

## Workshop & Information Sessions Schedule

Time		Location
8 AM - 9 AM	<i>Sketchware</i> - Making Android Apps	Tilghman Auditorium
9 AM - 10 AM	<i>Namecheap</i> - Intro to Web Dev. <i>Introduction to HIPPA</i>	Room G007 Tilghman Auditorium
1 PM - 2 PM	<i>Career Center</i> - Healthcare Careers <i>Alliance for a Healthier World</i> - Data Management for Policy Change	Room G007 Tilghman Auditorium
2 PM - 3 PM	<i>Intuitive Surgical</i> - Surgical Robotics <i>Dorm Room Fund</i> - Student Entrepreneurship Opportunities	Tilghman Auditorium Room G007
3 PM - 4 PM	<i>Hemi Adventures</i> - Pitch to Investors <i>Info Session</i> - JHU Applied Physics Laboratory	Tilghman Auditorium Room G007
4 PM - 5 PM	<i>Google Cloud</i> - Serverless Apps with Google Firebase <i>Corrie Health</i> - CareKit App	Tilghman Auditorium Room G007
5 PM - 6 PM	<i>Blue Cross Blue Shield</i> - CHM Hub	Tilghman Auditorium
7 PM - 8 PM	<i>Simplyvital Health</i> - Blockchain Engineer to dApp Developer <i>Impact of the Silver Tsunami</i>	Tilghman Auditorium Room G007



# Schedule cont.

## Sunday, Sep 9

Time		Location
8:30 AM	Breakfast	Turner Auditorium
9:30 AM	Hacking Ends - submit to Devpost	
10:00 AM	Judging Round 1	Turner Concourse
12:00 PM	Refreshment & Snack Break	Turner Concourse
12:30 PM	Judging Round 2	Contingent on track
2:00 PM	Lunch	Turner Concourse
3:00 PM	Final Ceremony	Turner Auditorium



# Resources

## MedHacks Website

The most up-to-date information on the event, schedule details, sponsors, and more! [www.medhacks.org](http://www.medhacks.org) and <http://medhacks.org/2018>

## Facebook

Connect with other participants and start brainstorming your medical innovation!  
[www.facebook.com/medhacks](http://www.facebook.com/medhacks)

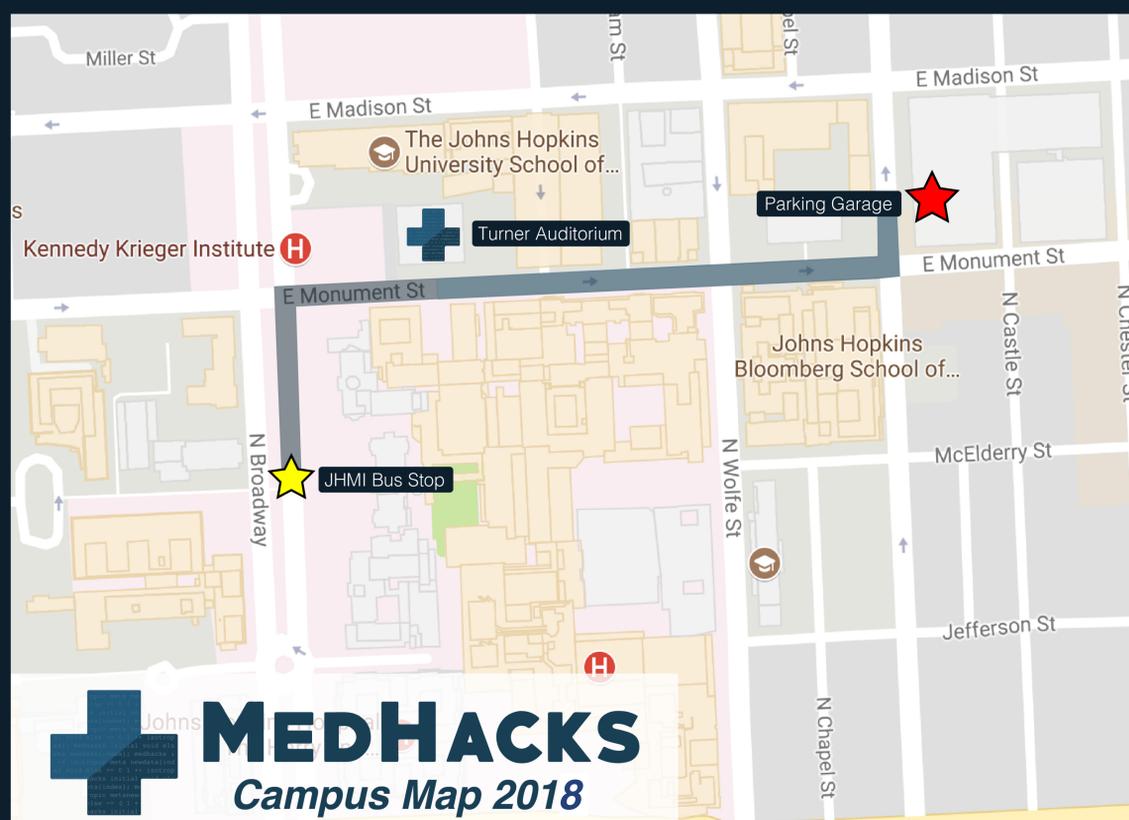
## Twitter

Updates on sponsors, hardware, and the latest news in biotech!  
[www.twitter.com/medhacks](http://www.twitter.com/medhacks)

## Instagram

See live pictures from our event and get featured with the use of #medhacks2018  
[www.instagram.com/medhacks](http://www.instagram.com/medhacks)

## Campus Map



# Building Blueprint

- ★ Turner Auditorium
- Concourse
- Tilghman
- ★ West Room
- Miles Room
- G01-G07

