

2019 - 2020

ENGINEERING WORLD HEALTH

INFORMATION PACKET

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**Cornell Engineering
World Health**



Our Mission

To create meaningful impact through innovative technology solutions that target the world's most pressing health issues and promote human welfare.

What do we do?

CREATE

Founded in 2012, Cornell Engineering World Health (EWH) designs, constructs, and implements health solutions for underprivileged communities.

LEARN

Cornell EWH provides the ideal platform for students to collaborate and develop both professionally and personally by deeply engaging with the world around them.

IMPACT

Our project team is united under the common goal of transforming the world through health technologies and welfare initiatives. Since our origin, Cornell HealthTech continues to delve into global challenges and turn ideas into reality.

Current projects



tVNS

We are working with a leading non-invasive Neurotechnology company to develop novel heart rate variability sensors for its forthcoming products. We are integrating heart rate monitoring into the next iteration of their device.



INDAGO

We are developing an interface to streamline the application process for researchers intending to begin clinical trials. By uniting FDA/clinical trial/institutional guidance into one platform, we aim to shorten the timeline for developing life-saving drugs.



Kijenzi CAD

Kijenzi is a company that “works with customers to create high quality products that meet their needs” by 3D printing the products locally in order to create low cost solutions. We are contributing by CADing components for occupational therapy devices (e.g. club foot brace for an infant.)

Current projects



Menstrual Health Game

To help make menstruation education more available, effective, and distributed for women of all ages, we are partnering with Barefoot College to design and implement an educational game with an engaging storyline and rich visuals to teach women about their bodies in the safety of their own homes.

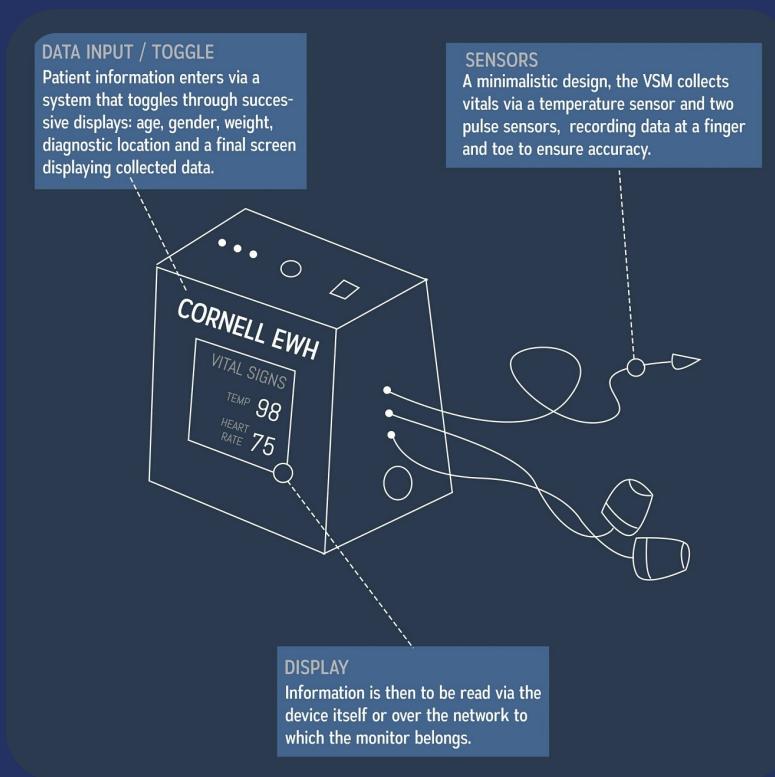


Business

The business subteam has been working to finalize a team sponsorship packet, begin website development, and create the template for this newsletter. We are excited about the projects we are pursuing this semester to promote operations of our team including a project archiving system, team photography/videography, and more!



Past Projects

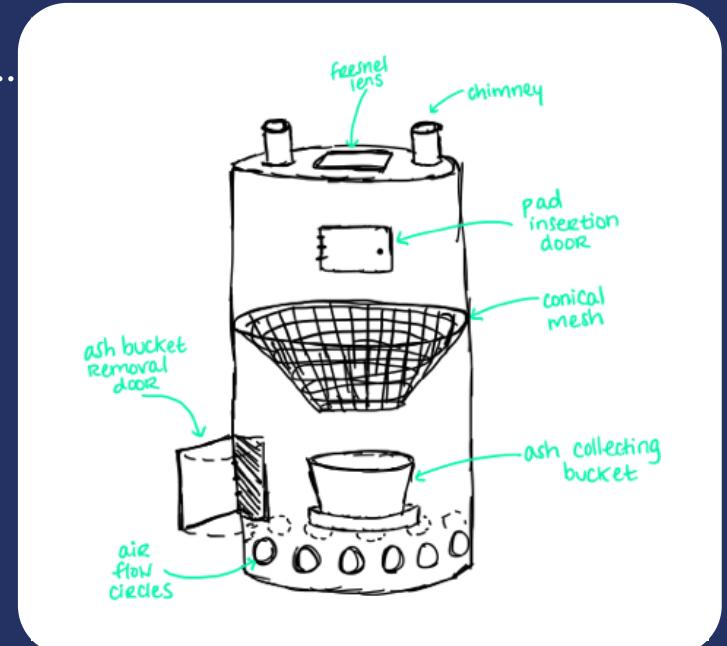
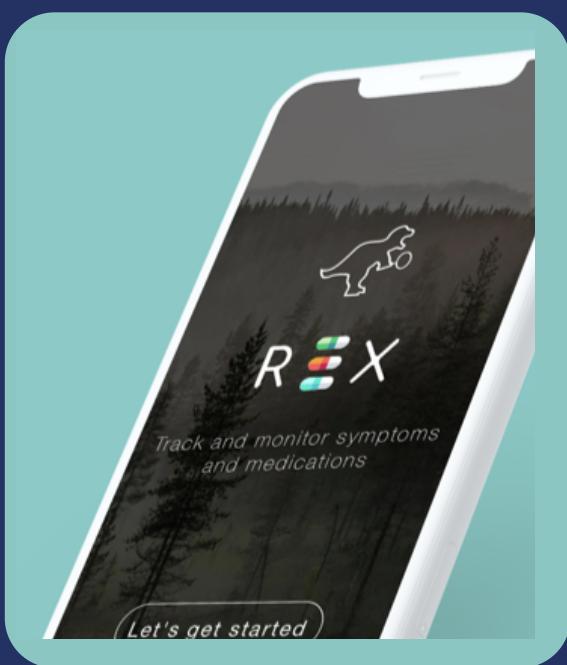


Vital Signs Monitor

Networked VSMs capable of remotely sharing real-time patient information with medical professionals

Incinerator

Solar-powered menstrual waste incinerator for Barefoot College



REX

Symptom-tracking and medicine-logging iOS application to increase medicine adherence

Why Join Us?

Support academia:

Your support furthers academic research in health technologies and encourages young students to develop invaluable skills while working on hands-on, tangible projects.

Spur global health initiatives:

Contribute to the innovation of technologies that promote global health initiatives. Your sponsorship will enable the students of Cornell HealthTech to design and implement high-quality, sustainable health solutions.

Unite students:

You will bring students together from diverse backgrounds, academic passions, and professional interests to achieve one common goal of helping humanity through innovative health solutions..



Our Alumni Network

Our alumni have moved on to do incredible things!



TWO SIGMA



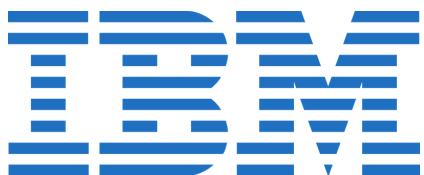
SQUARESPACE



Microsoft



The
Moonshot
Factory



Weill Cornell
Medicine

Google



SPACEX



accenture



Bank of America



Johnson & Johnson



THANK YOU

As an entirely student-led project team, EWH requires funding to continue its social mission. The support of sponsors and donors has allowed EWH to tackle global health issues through devices such as our low-cost vaccine refrigerator or vital signs monitor. We are always looking for new corporate partners who can help us in our mission. This semester, we are venturing to develop a nerve stimulator to treat epilepsy, a device to screen individuals for Alzheimers, and other exciting new technologies. EWH would not be able to pursue these projects without your generous contributions.

We greatly appreciate your help in turning our project ideas into reality and are reminded that we are not alone on our journey of social impact. Thank you for your support, and it would be our pleasure to share our journey with you.

Best wishes,
Cornell Engineering World Health

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