HOPSTART
HOPKINS NEW VENTURE CHALLENGE
2022
I. Agenda

II. Center for Leadership Education Faculty & Staff

III. Message from the Director,
    HopStart: Hopkins New Venture Challenge

IV. Keynote Speaker

V. Judges & Mentors

VI. General Ventures

VII. Medical Technology & Life Sciences Ventures

VIII. Sustainability Ventures

IX. The Garrick Ahn Award and CLE Venture Capital Fund Award
Agenda
Friday, April 22, 2022
HopStart Competition Day

9:15 to 9:30 a.m.
Opening Remarks .............................................................. Live Online Session

9:30 to 11 a.m.
Round 1 Presentations .............................................. Prerecorded Online Sessions
General Ventures
Medical Technology & Life Science Ventures I
Medical Technology & Life Science Ventures II
Sustainability Ventures

11 a.m. to noon
Networking Session ............................................. Cvent Community—Discussions

12:15 p.m.
Finalists Announced ...................................................... Live Online Session

1 to 4 p.m.
Final Round Presentations ........................................ Live Online Sessions
General Ventures
Medical Technology & Life Science Ventures I
Medical Technology & Life Science Ventures II
Sustainability Ventures

4 to 4:30 p.m.
Awards Ceremony ........................................................ Live Online Session
Faculty

Pamela Sheff, director of Center for Leadership Education and Master of Science in Engineering Management Program

Lawrence Aronhime, associate teaching professor and director of international programs, CLE

Alissa Burkholder Murphy, lecturer and director of Learning Experiences in Multidisciplinary Design

M.C. Coghlan, lecturer

Joseph Forte, lecturer

Amanda Hilliard, lecturer

Illysa Izenberg, senior lecturer

Leslie Kendrick, senior lecturer

Annette Leps, associate teaching professor and director of Entrepreneurship and Management and Accounting and Financial Management minors

Trevor Mackesey, senior lecturer, associate director of Master of Science in Engineering Management program, and director of HopStart: Hopkins New Venture Challenge

Julie Reiser, senior lecturer and director of Professional Communication Program, Professional Development Program, and Marketing and Communications minor

Eric Rice, associate teaching professor

Andy Ross, lecturer

Mia Russell, lecturer

William Smedick, senior lecturer and director of Leadership programs

Sarah Harrison Smith, lecturer

Staff

Carey Arkwright, administrative coordinator

Lindsey Menzies, academic program administrator

Emily Myrick, senior communications specialist

Cindy Plain, administrative manager

Corale Roten, academic program coordinator

HopStart Staff

Zyan Baptiste

Miya Herman

Alejandro Rodriguez

ingeering.jhu.edu/cle

hopstart.jhu.edu
Message from the Director

HopStart: Hopkins New Venture Challenge
Welcome to HopStart: 
Hopkins New Venture Challenge

Before we jump in, I’d like to introduce you to HopStart: Hopkins New Venture Challenge. First of its name, but 22nd of its kind.

So, why the name change? While we believe that competition is baked into business and there are powerful lessons to be learned through competing, entrepreneurship is more than competition. Entrepreneurship is about innovation, discovering and addressing needs, and connection. While HopStart is still a business plan competition, we hope you will come to see it as something more.

This year, we were excited to host an in-person kickoff event, during which students had the opportunity to share their prototypes and hear from speakers. We also had the chance to engage each other, meet fellow innovators, and check on each other’s progress from just a few feet away. We hope these interactions will carry through today’s lunch discussions and beyond.

HopStart is a competition, and it is also a community. This year, we have looked beyond the Homewood campus to opportunities that surround us in Baltimore City. At the kickoff reception, we heard from Stephanie Chin, the director of Hutch, a Baltimore-based incubator. And for our keynote address, we hear from Jenny Regan, co-founder and CEO of Key Tech, a technology development firm that designs and commercializes new medical technology products for startups and global health care companies from its offices in a renovated Federal Hill theater.

Entrepreneurship is difficult, but Hopkins students have demonstrated time and time again that they are not afraid to take on difficult tasks. Our hope is that HopStart: Hopkins New Venture Challenge will help connect you to the people and resources—the communities—that will aid you in bringing your ideas to the people who need them.

Whether taking part as a competitor, a speaker, a judge, a mentor, a community-partner, or a guest, we at HopStart want to thank you for making today possible. We also hope you will make a few connections that live on beyond today.

Sincerely,

Trevor Mackesey
Director, HopStart: Hopkins New Venture Challenge
Keynote Speaker
Jenny Regan
CEO, Key Tech

Jenny Regan is the CEO of Key Tech, a Baltimore technology development firm she co-founded in 1998. Key Tech designs and commercializes new medical technology products for startups and global health care companies. Recent Key Tech projects include several front-line COVID-19 testing instruments and kits as well as COVID-19 vaccine and therapy delivery products. Key Tech is also active in DNA sequencing, cancer screening, robotic surgical instruments, and home health technologies. The employee-owned company has 65 product developers with capabilities in engineering, product design, and prototyping. Key Tech owners hold dozens of patents and have won multiple product development awards over the history of the company.

After earning her bachelor’s degree in physics and mechanical engineering, Jenny worked as a consultant to industry and medical clients at MPR Associates in D.C. and at Corey Regan Inc., which she also co-founded. Her work has contributed to the advancement of fluid flow measurement, control systems and complex health care instruments, and wearable wellness products.

An ardent supporter of STEM education and diversity in engineering, from primary education to corporate board rooms, Jenny has supported the University of Maryland’s Clark School of Engineering for nearly two decades, as a member and then chair of the Advisory Board for the Women in Engineering Program, and currently as chair of the board advising the dean. She also enjoys regularly mentoring young engineers at Key Tech and in the community.
Judges & Mentors
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<thead>
<tr>
<th>Judge/Mentor</th>
<th>Company</th>
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<tr>
<td>Sara Abiusi</td>
<td>Accenture</td>
<td>Managing Director</td>
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<tr>
<td>Doug Akerson</td>
<td>Munich Re</td>
<td>EVP, Head of North America Engineering &amp; Energy</td>
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<tr>
<td>David Anderton-Yang</td>
<td>Voomer</td>
<td>CEO</td>
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<tr>
<td>Adom Asadourian</td>
<td>Merck</td>
<td>Associate Director, Global Supply Chain</td>
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<tr>
<td>Zahra Asgharpour</td>
<td>Elavity</td>
<td>Managing Partner</td>
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<tr>
<td>Stanislav Babenko</td>
<td>Capital One</td>
<td>Software Engineering Manager</td>
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<tr>
<td>Noelle Bagnall</td>
<td>eLum Technologies, Inc.</td>
<td>Vice President of Marketing and Business Development</td>
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<td>Manik Bhatia</td>
<td>Cognate Partners</td>
<td>Managing Partner</td>
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<tr>
<td>Antonello Bove</td>
<td>ABOVE Capital Corporation</td>
<td>Managing Director</td>
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<tr>
<td>Josh Buckley</td>
<td>One Iron Holdings</td>
<td>Managing Principal</td>
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<tr>
<td>Andrew Chen</td>
<td>Social Finance</td>
<td>Vice President</td>
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<td>Abhishake Chhibber</td>
<td>NA</td>
<td>Board Advisor and Angel Investor</td>
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<tr>
<td>David Crouch</td>
<td>Beyond20, Inc.</td>
<td>Senior Advisor</td>
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<tr>
<td>Valentina D'empaire</td>
<td>WSP</td>
<td>Associate Consultant II</td>
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<tr>
<td>Jeffrey Difrancesco</td>
<td>Avancer Group, Inc.</td>
<td>Chief Executive Officer</td>
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<tr>
<td>John Ellis</td>
<td>Siemens Energy</td>
<td>Director, Strategic Programs &amp; Partnerships</td>
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<td>John Eubank</td>
<td>Black Horse Solutions</td>
<td>Vice President Cyber</td>
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<td>Walter Ferrer</td>
<td>Bank of America, N.A.</td>
<td>Business Management Executive, SVP</td>
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<td>George Georgallides</td>
<td>Basis Health</td>
<td>CEO</td>
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<td>Jess Goldberg</td>
<td>Health Advances</td>
<td>Consultant</td>
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<tr>
<td>Carly Gordon</td>
<td>Park Medical Associates</td>
<td>Internal Medicine Physician</td>
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<td>Haim Gottfried</td>
<td>Insurights</td>
<td>Head of Analytics and Research</td>
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<td>Joshua Harvey</td>
<td>Leadership for Educational Equity</td>
<td>Chief of Staff and Senior Director of Strategy and Innovation</td>
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<td>David Hidinger</td>
<td>Concannon Business Consulting</td>
<td>Senior Consultant</td>
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<td>Josh Hurewitz</td>
<td>GrowBridge, LLC</td>
<td>Managing Director</td>
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<td>Lorraine Hutzler</td>
<td>NYU Langone Orthopedic Hospital</td>
<td>Associate Program Director</td>
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<td>Gloria Jacobovitz</td>
<td>Johns Hopkins University Applied Physics Lab</td>
<td>Researcher</td>
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<td>Thomas James</td>
<td>Key Tech</td>
<td>Mechanical Engineer</td>
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<tr>
<td>Amee Kapadia</td>
<td>Cantos Ventures</td>
<td>Analyst</td>
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<tr>
<td>Harpal Kochar</td>
<td>Salesforce</td>
<td>Senior Technical Architect</td>
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<td>Adrian Le Pera</td>
<td>Meta (previously Facebook)</td>
<td>Senior Data Engineer</td>
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<tr>
<td>Daniel Lee</td>
<td>Tissue Regenix</td>
<td>CEO</td>
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<tr>
<td>Derek Lewis</td>
<td>Checkpoint Surgical</td>
<td>Vice President of Operations and R&amp;D</td>
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<td>John Lippe</td>
<td>Federal Corporation</td>
<td>CEO</td>
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<tr>
<td>Ken Loeber</td>
<td>Unispace</td>
<td>Global Chief Strategy Officer</td>
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<tr>
<td>Benjamin Lowe</td>
<td>Seton Hall University</td>
<td>Adjunct Professor</td>
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<tr>
<td>Danica Mackesey</td>
<td>Key Tech</td>
<td>Senior Mechanical Engineer</td>
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<td>Shreya Madabhushi</td>
<td>Capgemini</td>
<td>Consultant</td>
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<tr>
<td>Madison Marks</td>
<td>Johns Hopkins Technology Ventures</td>
<td>Director, Social Innovation Lab</td>
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<tr>
<td>Scott Melamed</td>
<td>ProMD Health, Inc.</td>
<td>President</td>
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<tr>
<td>Mika Nishimura</td>
<td>The BLG Group</td>
<td>Managing Partner</td>
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<td>Kramay Patel</td>
<td>Novela Neurotechnologies, Inc.</td>
<td>Chief Platform Officer</td>
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<tr>
<td>Joanne Pipkin</td>
<td>Roman Catholic Archdiocese of Washington</td>
<td>Director of Donor Relations &amp; Gift Planning</td>
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<tr>
<td>Josep Puig Ruiz</td>
<td>Nasdaq</td>
<td>Data Scientist</td>
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<td>Viswa Reddy</td>
<td>Foxconn</td>
<td>Senior Director</td>
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<tr>
<td>Julie Russell</td>
<td>Analog Devices, Inc.</td>
<td>Healthcare Systems Integration Specialist</td>
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<tr>
<td>Sangeeta Sahni</td>
<td>Health Advances LLC</td>
<td>Vice President</td>
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<td>Swetha Sanagavarapu</td>
<td>HighSage Ventures</td>
<td>Investor</td>
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<tr>
<td>Rutvi Shah</td>
<td>FedEx</td>
<td>Program Management Advisor</td>
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<tr>
<td>Anis Shiekh</td>
<td>baseH Technologies</td>
<td>CEO</td>
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<tr>
<td>Joanna Sitkowska</td>
<td>Nexio</td>
<td>Senior Product Owner/ Tech Advisor</td>
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<td>George Spais</td>
<td>Hellenic Open University</td>
<td>Adjunct Faculty Member</td>
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<tr>
<td>Tyler Spoleti</td>
<td>Monarch Tractor</td>
<td>Product Manager</td>
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<td>Mash Syed</td>
<td>Chipotle</td>
<td>Lead Data Scientist</td>
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<tr>
<td>Ken Tepper</td>
<td>MedStar Orthopaedic Institute</td>
<td>Orthopaedic Surgeon</td>
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<td>Alex Villa</td>
<td>Healthify (former)</td>
<td>COO (former)</td>
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<td>Cat Wain</td>
<td>Genentech/Roche</td>
<td>Business Insights &amp; Analytics Manager</td>
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<td>Patrick Wayland</td>
<td>Bank of America, N.A.</td>
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<td>Susan Woolhisier</td>
<td>Retired</td>
<td>Marketing Manager</td>
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<tr>
<td>Youyang Zhou</td>
<td>usHudson Capital Group Co., Ltd.</td>
<td>Managing Director</td>
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General Ventures
Cognint

Danielle Fleury

Cognint refocuses the human economy on mental health, cognitive behavioral therapy (CBT), self-care, and a community where AI and humans work together to improve wellness. Cognint creates a gamified mental health community with peer counselors, therapists, and state-of-the-art social AI algorithms that reward people for committing to mental health practices.

Coriolis

Kejun Liu, Jessie Wang, Xueling Xu, Zhanhao Zhang

Coriolis is an incubator platform that connects young artists with exhibitions, image building on social media, and business opportunities in return for the intellectual property rights of their work.

Derafy

Mehul Agarwal, Jennifer He, Jiayi He, Kyuhee Jo, Hubert Leo, Ian Zheng, Yixin Zheng

Derafy is an NFT marketplace web builder to help individual creators and businesses join the NFT space.

Edansh

Himanshi Sharma

Edansh aims to help students around the world make informed decisions about their future with the help of mentorship and career resources. Its goal is to bridge the century-old gap between theory and practice, expectation and reality, and academics and industry knowledge.

FARMPLUS

Adway Kanhere, Mahima Kaul, Manav Badamwala, Rishi Sunil Jain, Shivank Vyas

FARMPLUS is a livestock health-monitoring and tracking system that uses an IoT neck/ear tag and a unique ML algorithm to identify sick and pregnant livestock and alert farmers accordingly. Our goal is to provide livestock farmers with this valuable information at an affordable rate.

Foodzen

Zhiyu Chen, Hanyan Lyu, Yuhuai Luo, Zhiyu Wang, Haoji Zeng

Foodzen is a smart-fridge system based on the IoT and a mobile app that helps decrease household food waste through purchase, storage, and consumption via AI and computer vision. Our mission is to save food, save money, and save the planet.
idea.io

Jonathan Kung
idea.io uses blockchain technology and advanced decentralized governance to address the publish-or-perish paradigm and replicability crisis plaguing academic science publishing.

LastApp

Kaelan Dean, Conor Welch
LastApp allows job seekers to apply instantly to many firms simultaneously using one standardized and combined application system. LastApp is designed to reduce hiring prejudice, allow firms to reduce search costs, and is the last application job seekers will need to fill out.

Leaders of Africa

Violet Acumo, Eva Penar, Peter Penar
Leaders of Africa makes upskilling experiences in research data analytics and tech accessible to all and incubates innovative ideas that promote equity in Africa.

Notest

Siddharth Ananth, Jiaxuan Zhang, Chinat Yu
Notest aims to construct a platform that promotes accountable, community-based lifelong learning through a practical three-stage development process, with each stage making it easier for the learner to introduce self-testing into their learning.

Quest2Learn

Kevin Xu, Chinat Yu, Jeffery Zhou
Quest2Learn is an affordable smartphone-based augmented reality application that enhances both online and on-campus lab sciences education. Our vision is to become an integral part of any student’s lab learning experiences.

Russell: Your Friendly Game Companion

Nicholas Bowen, Rena Liu, Marcelo Morales, Rebecca Muratore
Russell is a screen and conversational AI companion designed to engage elderly individuals and alleviate some of the effects of loneliness. Russell uses natural language processing technology to listen and speak with users while playing board games.
Sprout

Connor Devlin, Marc Helou, Daniel Weber, Rosie Wolkind
Sprout aims to democratize venture capital by enabling retail investors to invest in pre-IPO startups. The app allows everyday investors to fund exciting startups and receive stake in companies they are passionate about. Sprout also changes the VC paradigm by creating a marketplace to trade “venture shares,” bringing liquidity to the VC space.

Storee

Sunny Patel, Javier Romanelli, Janavi Shah, Smriidhi Waadhwa
Storee is a digital photo gallery organization tool that keeps stories alive by allowing people to add more information and a narrative to old pictures and store them in one easy-to-navigate platform.
Medical Technology and Life Sciences Ventures
AURA
Zichen Fu, Ling Qin, QiQian Shi, Simeng Zhang, Yuqian Zhang
The AURA tracheal tube is a novel multifunctional tube designed with innovative modules of breath monitoring, shower protection, heating, humidification, and filtration. The AURA tracheal tube can facilitate recoveries and reduce suffering for patients of tracheotomy, improving their quality of life.

CurveAssure
Antony Fuleihan, Audrey Goo, Evan Haas, Di Lu
When performing spine surgery, accuracy and planning are critical; however, current standards do not take into account the natural mobility of the spine. CurveAssure has developed a novel device for dynamic pre-operative patient data collection that provides surgeons and custom device manufacturers with the data necessary for true precision medicine.

EquinOx
Clara Cho, Valerie Wong, Jerry Zhang, Stanley Zhu
EquinOx is developing a novel device that aims to make pulse oximetry accurate for patients with all skin tones, eliminating bias and providing equity. Our mission is to support medical providers with accurate blood oxygen saturation levels to ensure a proper and timely diagnosis for all patients.

GLOSAWEL HEALTHCARE LLC
Daniel Willie-Permor
GLOSAWEL develops health technology solutions for low- and middle-income countries. The technology includes digital health tools to provide telehealth services on demand, including physician consultations, mental health services, nutrition consultations, home-based laboratory services, pharmaceutical services, and a technology solution to harmonize emergency services.

Hubly Surgical
Casey Grage
The most common neurosurgery relies on a high-failure, hand-crank drill at the bedside. The advanced Hubly Drill is designed for safety with plunge-prevention catheter guidance and battery power for use in any setting.
ICPredict

Joseph Boen, Jingwen Guo, Shiker Nair, Meer Patel, Arushi Tandon
ICPredict is a novel computational tool that can be leveraged in the neurointensive care unit to predict intracranial pressure noninvasively and in real time from extracranial waveform data (EKG MAP PPG).

iEureka

Jingci Jiang
iEureka provides an online platform for people to get answers to their health and fitness-related questions from certified professionals. Our mission is to build an accessible and affordable alternative to traditional health care and fitness training.

InVenimus

Saardhak Bhrugubanda, Ankur Govil, Nehali Gupta, Ashish Nalla, Govardhan Poondi, Valerie Tu
InVenimus is an armband that secures an ultrasound probe to a patient’s arm. The device allows the practitioner to insert an IV catheter independently while minimizing the number of attempts needed to obtain vascular access, decreasing the time between a patient’s arrival to the ER and stabilizing their vitals.

inWave

Joshua Blair, Summer Duffy, Janis Iourovitski, Spencer Shumway
inWave is a wearable technology designed to aid older adults in restoring slow-wave sleep in the comfort of their own home.

Joint Juice

Andrea Cheng, Charlotte Cheng, Alan Mao, Kaitlyn Storm, Anson Zhou, Justin Zhou
Joint Juice is a novel task trainer system to improve the procedural competence of clinicians performing arthrocentesis or joint aspiration. Our mission is to transform the current training pathway in order to prevent significant damage to the joint space and supply a technology that is affordable and accessible to all health care systems.
LymphaSense
Hunter Hutchinson, Benjamin Monteagudo, Lina Ngao, Zachary Plona, Jennifer Schultz
LymphaSense is a wearable device for breast cancer patients to enable patient-driven screening of early signs of lymphedema. Our aim is to give surgeons and oncologists a way to accurately detect lymphedema in its early stages so that disease progression can be halted with early treatment.

MagGenix
Joshua Devier
MagGenix is an early-stage synthetic biology start-up developing technology for localized immuno-suppression via a novel magnetically controlled mechanism. Our goal is to provide spatiotemporally precise inhibition of the immune system to alleviate autoimmune conditions at a cheaper cost with fewer adverse side effects.

NeoHydrate
Niranjan Behera, Shreya Palakurthi, Jeremy Wang, Ethan Wu
NeoHydrate is an affordable, noninvasive, point-of-care medical monitoring device for tracking neonatal hydration and nutrition levels during the critical first month after birth. NeoHydrate aims to reduce the tens of thousands of annual hospitalizations that stem from unchecked neonatal dehydration and breastfeeding jaundice.

NeuraSkull Technologies
Emma Anderson, Makenzie Higgins, Bryan Kaplan, Renee Liu, Shalika Subramanian, Gnagna Sy
NeuraSkull Technologies is revolutionizing the treatment of craniosynostosis by developing “Craniospring,” a device that eliminates the need for a second surgery and helmet therapy.

OnPoint Ventilation
Charlie Almoney, Sneha Batheja, Bucky Bryner, Alexandra Gorham, Ria Jha, Nina Nair, Arijit Nukala, Krisha Thakur
OnPoint Ventilation is designing a new single-lung ventilation device for cardio-thoracic procedures. Our mission is to create a safe and easy way for anesthesiologists to perform single-lung ventilation by making the intubation process simpler and preventing airway injuries in the patient.
SafeShunt
Kyra Bowden, Rida Chowdhury, Jaya Hamkins, Rachel Li, Mohan Peddada, Sagar Rastogi
SafeShunt is a wearable shunt monitoring system for hydrocephalus patients that provides real-time measurements and alerts the user to seek physician intervention upon detection of abnormal CSF flow, reducing the likelihood of emergency surgery due to shunt failure.

Salve Technologies
Stefan Lukianov
We are building VirCAD© (Virus Computer-Aided Design), an HPC-powered, cloud-accessible, AI/ML-capable bioCAD platform to mine, design, model, and simulate new viral drugs for better cell and gene therapies, vaccines, oncolytics, and antibiotics.

SAPS Health
Abhijit Choudhari, Soumya Kumar, Shaanvi Mehta, Pritha Sarkar
SAPS Health is an NFT-empowered medical data platform that aims to bring health care providers and patrons together in a safe and structured virtual marketplace.

SealCore
Joseph Burkett, Xavier Fan, Matthew Feryo, Jordan Harm, Anastasia Karapanagou
Our cross-disciplinary team of engineers, industry experts, and clinicians is working to develop a kidney biopsy device that significantly reduces the risk of bleeding following a biopsy procedure. Our vision is for nephrologists to be able to perform reduced-risk kidney biopsies on all patients who need them.

SHARP Diagnostics
Taylor Cottle, Momcilo Gavrilov, Jimin Kang, Ikenna Okafor, Joshua Yang
SHARP Diagnostics offers PCR-grade portable and fast molecular tests in medicine. Our proprietary technology developed in Johns Hopkins research labs uses engineered molecular machines for the highly specific detection of nucleic acids of many known pathogens and diseases. We make molecular diagnostics faster, convenient, and accessible to everyone.
StetPulse
Selena Shirkin, Jonathan Wu
StetPulse has developed an automatic wall-mountable UVC lightbox to sanitize clinician’s high-quality medical equipment, thus mitigating the spread of infection, improving exam quality, and lessening hospitals’ carbon footprints.

Tempo
Miles Lee, Sun Moon, Rebecca Mosier, Eileen Stiles, Emma Whitehead, Dylan Zhu
The Tempo wire is a novel temporary epicardial pacing wire with an innovative breakaway connector designed to reduce morbidities associated with wire removal after open-heart surgery. Our mission is to increase patient safety and alleviate health care burden with this reimagined removal strategy.

ThermoBeat
William Blair
ThermoBeat harneses the body’s thermal energy to charge a pacemaker reducing the need for pacemaker replacement surgeries.

ThermOptik
Gwyneth Alexander, Eli Levenshus, Rishima Mukherjee, Minyoung Park, James Pitingolo, Erick Rocher
ThermOptik is a medical device company spearheading ophthalmic innovation in the cataract surgery space. ThermOptik’s device reduces surgical time and improves outcomes by introducing real-time dynamic temperature control of the ocular environment to aid cataract removal.

Vein Dash
Veena Ghorakavi
VeinDash is an integrative approach utilizing data from devices like wearables, phones, and angiograms in conjunction with predictive algorithms to predict healing and potential complications like blood clots from minimally to maximally invasive vascular surgeries.
Our multidisciplinary team of Johns Hopkins engineers, surgeons, radiation oncologists, and medical physicists has developed $\beta$-Trace (Beta Trace), a novel intraoperative radiation therapy technology that can dramatically alter outcomes in surgically resectable pancreatic cancers and significantly improve patient prognosis.
Sustainability Ventures
Candiddo

Jonah Sengupta
Candiddo is a sustainability brand that offers a series of upcycled disposable items made from aluminum cans that enable businesses to provide high-quality straws, cups, and utensils for guests without the environmental and personal burden of producing large amounts of plastic and paper waste.

CapCarbon

Aniket Borole, Salil Dokey, Shubhankar Kulkarni, Christopher Li
CapCarbon aims to capture carbon compounds from the atmosphere and store it for reusing in a sustainable manner.

CarbonZero

Sagar Kalarkopp, Vyshnav Menon, Tarita Sahdev, Tarun Sood, Vaidehi Zanwar
CarbonZero performs life-cycle assessment (LCA) for evaluating the environmental aspects of a product over its life cycle.

FiltraX

Nathaniel Charendoff, Hanna Fadhila, Caroline John, Mahita Varanasi, Daniel Wang, Paulus Raydan, Indraputra Syarifah
FiltraX is a cost-effective microplastic filtration device for wastewater treatment plants to reduce the microplastic pollution in our waterways. Our mission is to save lives by reducing the amount of toxic and carcinogenic plastics that enter our bodies.

InfernoGuard

Nandita Balaji
InfernoGuard provides prompt wildfire detection and notification to large-scale landowners through continued monitoring of environmental conditions.
The Garrick Ahn Award and CLE Venture Capital Fund Award
The Garrick Ahn Award
The Garrick Ahn Award honors a team in each category that pitches a particularly viable venture. With this award, the Center for Leadership Education recognizes teams who have carefully considered the feasibility of their concept through the creation of their business plan and delivery of their pitch on Competition Day. This award is made possible through a generous gift by Garrick Ahn (WSE ’90).

CLE Venture Capital Fund Award
The CLE Venture Capital Fund Award invites one team participating in the competition to join the portfolio of student-run ventures managed by the CLE’s student-managed fund for the following academic year. This award provides the winning team with up to $10,000, distributed in tranches, as well as advisement and ongoing support from the VCF’s student team and a network of Hopkins alumni.