TABLE OF CONTENTS

Agenda .............................................................................................................................................................1
Message from Director, Center for Leadership Education .................................................................2
Message from Director, Business Plan Competition ............................................................................3
Keynote Speaker ...................................................................................................................................4
Judges ...............................................................................................................................................................5
General Business Ventures ............................................................................................................7
Medical Technology & Life Sciences Ventures ..................................................................................9
Mobile Applications Ventures ..........................................................................................................12
Social Enterprise Ventures ..................................................................................................................14
Map of Charles Commons ............................................................................................................17

CENTER FOR LEADERSHIP EDUCATION FACULTY AND STAFF

Faculty

Pamela Sheff, Director of Center for Leadership Education and Master of Science in Engineering Management Program
Lawrence Aronhime, Senior Lecturer and Director of International Programs
Jen Bernstein, Lecturer
Illysa Izenberg, Senior Lecturer
Leslie Kendrick, Senior Lecturer
Annette Leps, Senior Lecturer and Director of Entrepreneurship & Management, Accounting & Financial Management, and Business Minors
Trevor Mackesey, Lecturer and Director of Business Plan Competition
Charlotte O’Donnell, Lecturer
Julie Reiser, Senior Lecturer and Director of Professional Communication Program and Marketing & Communications Minor
Eric Rice, Senior Lecturer and Director of Professional Development Program
William Smedick, Senior Lecturer and Director of Leadership Studies Minor

Staff

Bettina Tharps, Administrative Manager
Carey Arkwright, Administrative Secretary
Lindsey Conklin, Sr. Academic Program Coordinator
Emily Myrick, Sr. Academic Program Coordinator

Business Plan Competition Staff

Amee Kapadia, Communications Coordinator
Akash Mandavilli, Team Coordinator
Blossom Ogunyinka, Outreach Coordinator
Vishesh Shah, Project Coordinator

engingeering.jhu.edu/cle  bpc.jhu.edu
AGENDA

Friday, April 26, 2019
Business Plan Competition Day

8 to 9 a.m.
Breakfast ................................................................. Nolan’s Café

9 to 9:15 a.m.
Opening Remarks ..................................................... Nolan’s Café

9:30 a.m. to noon
Round 1 Presentations
Social Enterprise Ventures I ...................................... Salon A
Social Enterprise Ventures II .................................... Multipurpose Room
General Business Ventures ........................................ Salon B
Medical Technology & Life Sciences Ventures I ........ Salon C
Medical Technology & Life Sciences Ventures II .... Barber Room
Mobile Applications Ventures .................................. East Room

Noon to 1:30 p.m.
Lunch ................................................................. Nolan’s Café

1:30 to 4 p.m.
Final Round Presentations
Social Enterprise Ventures ...................................... Salon A
General Business Ventures ........................................ Salon B
Medical Technology & Life Sciences Ventures ........ Salon C
Mobile Applications Ventures .................................. East Room

4:30 to 6 p.m.
Reception & Awards Ceremony ............................. Glass Pavilion, Levering Hall
It is my pleasure to welcome you to the 2019 JHU Business Plan Competition. This year marks the competition’s 20th anniversary, and I want to thank you for celebrating this important milestone with us.

Over the last 20 years, this annual competition sponsored by the Whiting School of Engineering has grown significantly. The inaugural competition, held in the spring of 2000, welcomed 14 students across seven teams, in addition to 12 mentors and judges who guided each team through the process of developing their ventures. This year, we saw a record 85 teams, 65 mentors and judges, and an astounding 260 individual student participants.

Not only has the competition grown to serve more students, but it has also expanded to include both undergraduate and graduate students across all nine Johns Hopkins academic divisions, as well as competitors from universities across the country. The competition has also developed categories—such as the Medical Technology and Life Sciences category, added in 2014—which exemplify its expanded reach.

Through that growth and change, our central goal remains the same: fostering student success in developing innovative solutions to the world’s important and vexing problems. Your involvement in this annual event plays a vital role in achieving that goal. We are grateful for your contributions this year and for years to come.

Sincerely,
Pam Sheff
Director, Center for Leadership Education
On this 20th anniversary of the Johns Hopkins University Business Plan Competition, we are following the lead of its founding father, Lawrence Aronhime, by focusing on the spirit that drives the event, the community that allows its continued success, and the innovation that is central to the university’s mission.

While competition gives the event its structure, its meaning is tied to the Whiting School of Engineering’s mission to provide an innovative, rigorous, and relevant education that prepares students to be 21st century leaders. While we believe in entrepreneurship, our ultimate goal is to create an opportunity for students to come together and translate what they learn in the classroom and the lab to life.

To encourage this translation, we have always relied on the help of members of our communities. This year alone, representatives of more than 50 companies and institutions have given their time and expertise to mentor students and cultivate their initiatives. Over the years, we have watched as competing, mentoring, and judging all have evolved into larger acts of community building. As someone raised in Baltimore, I take great joy not only in welcoming both international teams and alumni as they take part in our event, but also in forging connections with local entrepreneurs and watching teams work to make an impact on the city we call home.

We are grateful to everyone who makes this competition possible: the staff and faculty members who operate behind the scenes, the mentors and judges who make the choice to give back, and the students who understand that we are going to need them to identify important problems and develop novel solutions.

My final message is for those students. We hope that as you translate the lessons learned in classrooms and labs to life, you will begin to understand your potential impact. We want you to build fulfilling lives, and we hope that investing in the well-being of your communities contributes to that fulfillment. We also hope that you will remain a part of this community that we are building together, and that you will return to us as mentors and judges, to help the JHU Business Plan Competition grow well into the next 20 years and beyond.

Sincerely,

Trevor Mackesey
Gary Laben

Gary S. Laben is Chief Executive Officer of Dynata, a global leader in first-party digital data and related marketing services. Originally trained as a civil engineer, Laben became the CEO of a data company by applying the same analytic skills required to master concepts like structural design and fluid mechanics to business. He has built successful companies by establishing hard-working, aligned, and fun cultures. With more than 30 years of executive leadership and experience growing businesses organically and through acquisition, Laben has created organizations that use data to power marketing decisions for the world’s leading brands and agencies. In 2018, he successfully led the merger of Research Now and SSI, creating the world’s largest first-party data company serving the market research industry. In 2019 he led the rebranding of the company as Dynata, reflecting the company’s revitalized vision and growth strategy to serve the entire marketing spectrum, from market research to marketing engagement to advertising.

Also in 2019, he oversaw the acquisition of Reimagine Holdings Group, expanding the company’s collection of data and adding innovative technology to bring state-of-the-art information solutions to companies around the world.

Gary received his BS in Civil Engineering with a minor in French Literature from the Johns Hopkins University.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doug Akerson</td>
<td>Senior Vice President</td>
<td>Munich Re</td>
</tr>
<tr>
<td>Sam Bakri</td>
<td>President &amp; Chief Business Officer</td>
<td>Gelmetix</td>
</tr>
<tr>
<td>Danny BenDebbu</td>
<td>Chief Executive Officer</td>
<td>DAASN</td>
</tr>
<tr>
<td>Alexandros Bennink</td>
<td>Corporate Advisor</td>
<td>CLE</td>
</tr>
<tr>
<td>Antonello Bove</td>
<td>Co-Founder</td>
<td>Global Air Media</td>
</tr>
<tr>
<td>Megan Callanan</td>
<td>Regulatory Affairs Associate</td>
<td>Stryker</td>
</tr>
<tr>
<td>Abhishake Chhibber</td>
<td>Senior Director</td>
<td>AstraZeneca</td>
</tr>
<tr>
<td>David Crouch</td>
<td>Senior Advisor</td>
<td>BEYOND20</td>
</tr>
<tr>
<td>Bal Mukund Dhar</td>
<td>Founder &amp; Chief Executive Officer</td>
<td>Agira Photonics</td>
</tr>
<tr>
<td>Nakeia Drummond</td>
<td>Founder &amp; Chief Executive Officer</td>
<td>NLD Strategic</td>
</tr>
<tr>
<td>David Finney</td>
<td>Partner</td>
<td>Leap Orbit</td>
</tr>
<tr>
<td>George Georgallides</td>
<td>Managing Partner</td>
<td>Change VC</td>
</tr>
<tr>
<td>Karl Ginter</td>
<td>President</td>
<td>Inspyris, LLC</td>
</tr>
<tr>
<td>Dr. Mark A. Gold</td>
<td>Senior Manager</td>
<td>Accenture</td>
</tr>
<tr>
<td>Danica Gordon</td>
<td>Mechanical Engineer</td>
<td>Key Technologies</td>
</tr>
<tr>
<td>Haim Gottfried</td>
<td>Vice President, Analytic Services</td>
<td>Remedy Partners</td>
</tr>
<tr>
<td>David Gottlieb</td>
<td>Managing Director, Americas</td>
<td>Trax</td>
</tr>
<tr>
<td>Jacob Green</td>
<td>Founder</td>
<td>Mossslabs</td>
</tr>
<tr>
<td>Alexia Haralambous</td>
<td>Senior Regulatory Affairs Specialist</td>
<td>Stryker</td>
</tr>
<tr>
<td>Josh Hurewitz</td>
<td>Managing Director</td>
<td>GrowBridge, LLC</td>
</tr>
<tr>
<td>Gloria Jacobovitz</td>
<td>Angel Investor &amp; Tech Manager</td>
<td>Johns Hopkins University</td>
</tr>
<tr>
<td>Alexander Jebb</td>
<td>Senior Analyst</td>
<td>Accenture</td>
</tr>
<tr>
<td>James Johnson</td>
<td>Managing Partner</td>
<td>Level Three Performance Solutions, LLC</td>
</tr>
<tr>
<td>Meghan Judge</td>
<td>Software Engineer</td>
<td>Bloomberg LP</td>
</tr>
<tr>
<td>Meghan Kardok</td>
<td>MBA Student</td>
<td>MIT Sloan</td>
</tr>
<tr>
<td>Rachel Kinney</td>
<td>Site Reliability Engineer</td>
<td>Google</td>
</tr>
<tr>
<td>Owen Klein</td>
<td>Vice President, Global Culinary Innovation</td>
<td>CKE Restaurants</td>
</tr>
<tr>
<td>Mark Komisky</td>
<td>CEO</td>
<td>Inclings</td>
</tr>
<tr>
<td>Gary Laben</td>
<td>Chief Executive Officer</td>
<td>Dynata</td>
</tr>
<tr>
<td>Adrian Le Pera</td>
<td>Data Engineer</td>
<td>Facebook</td>
</tr>
<tr>
<td>Daniel Lee</td>
<td>Chief Executive Officer</td>
<td>Scaffold Biologics</td>
</tr>
<tr>
<td>Derek Lewis</td>
<td>Vice President, Operations and R&amp;D</td>
<td>Checkpoint Surgical</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Company</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------------------------------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>Peter Li</td>
<td>Founder</td>
<td>Atlas Wearables</td>
</tr>
<tr>
<td>David Long</td>
<td>Managing Partner</td>
<td>Tuscany Strategy</td>
</tr>
<tr>
<td>Benjamin Lowe</td>
<td>Managing Partner</td>
<td>Lebeta Tech, LLC</td>
</tr>
<tr>
<td>Carolyn Ma</td>
<td>Analyst</td>
<td>Tuscany Strategy Consulting</td>
</tr>
<tr>
<td>Nolan Matthews</td>
<td>Operations</td>
<td>Fine Wood Crafts, Inc.</td>
</tr>
<tr>
<td>Meghan McGinty</td>
<td>Faculty Associate</td>
<td>Johns Hopkins Bloomberg School of Public Health</td>
</tr>
<tr>
<td>Scott Melamed</td>
<td>President &amp; Chief Operations Officer</td>
<td>ProMD Health</td>
</tr>
<tr>
<td>Steve Milt</td>
<td>Chief Executive Officer</td>
<td>Vigitas</td>
</tr>
<tr>
<td>Charlie Moore</td>
<td>Co-Founder</td>
<td>DinnerTime</td>
</tr>
<tr>
<td>David Narrow</td>
<td>Chief Executive Officer</td>
<td>Sonavex</td>
</tr>
<tr>
<td>Brendan O'Callaghan</td>
<td>Vice President, Finance</td>
<td>SES</td>
</tr>
<tr>
<td>Ruta Patel</td>
<td>Management Consulting Senior Analyst</td>
<td>Accenture</td>
</tr>
<tr>
<td>Alessandro Piovaccari</td>
<td>Senior Vice President, Engineering &amp; CTO</td>
<td>Silicon Labs, The University of Texas at Austin</td>
</tr>
<tr>
<td>Natasha Porter</td>
<td>Executive Vice President &amp; Customer Development Officer</td>
<td>Gensuite, LLC</td>
</tr>
<tr>
<td>Viswa Reddy</td>
<td>Senior Product Manager</td>
<td>Verizon</td>
</tr>
<tr>
<td>Michael Schnell</td>
<td>Consultant</td>
<td>Tuscany Strategy Consulting</td>
</tr>
<tr>
<td>Kartthik Seshan</td>
<td>Chief Executive Officer</td>
<td>Neuro Alert</td>
</tr>
<tr>
<td>Rutvi Shah</td>
<td>Business Application Analyst</td>
<td>FedEx</td>
</tr>
<tr>
<td>Melanie Shimano</td>
<td>Data Automation and Technology Analyst</td>
<td>Department of General Services</td>
</tr>
<tr>
<td>James Siebs</td>
<td>President</td>
<td>Spartina Consulting And Design Inc.</td>
</tr>
<tr>
<td>Chris Skoff</td>
<td>Senior Associate</td>
<td>Strategy&amp;</td>
</tr>
<tr>
<td>Vishal Srivastava</td>
<td>Vice President</td>
<td>Clarity Money/Goldman Sachs</td>
</tr>
<tr>
<td>Cynthia Stern</td>
<td>Consultant</td>
<td>AXA Equitable</td>
</tr>
<tr>
<td>William van der Veen</td>
<td>Senior Consultant</td>
<td>Deloitte</td>
</tr>
<tr>
<td>Benjamin Walsh</td>
<td>Chief Executive Officer</td>
<td>Pure Bang Games</td>
</tr>
<tr>
<td>Mike Wang</td>
<td>Chief Creative Officer</td>
<td>Hopkins Student Enterprises</td>
</tr>
<tr>
<td>Beverly Waters</td>
<td>Senior Manager, Talent Acquisition</td>
<td>PepsiCo</td>
</tr>
<tr>
<td>Patrick Wayland</td>
<td>Financial Advisor, Sales Manager</td>
<td>Bank of America</td>
</tr>
<tr>
<td>Susan Woolhiser</td>
<td>Marketing Manager</td>
<td>Retired</td>
</tr>
<tr>
<td>Teressa Wykpisz-Lee</td>
<td>Senior Manager</td>
<td>Accenture</td>
</tr>
</tbody>
</table>
Andromeda
Austin Granmoe, Shreya Madabhushi, Adam Peters, Divisha Rajput
Andromeda delivers an automated and integrated counter-drone system that encompasses detection, identification, characterization, and neutralization of commercial drone threats. Our product is aimed at protecting public venues from the rising threat posed by commercial drones.

Atlatero
David Hidinger, Aidan Crank, Dillon Ponzo, Catharine Wain
An autonomous trash-skimming vessel aimed at removing aquatic debris while also continuously monitoring water quality data in urban environments.

Bar Buddy
Harry Chello, Hongyuan Chen
Bar Buddy is an automated bartending machine intended to reduce wait times and potential loses in revenue.

Blockchain Mobile Health Clinic
Amr Alhuaibi, Zihan Bai, Jennifer Ghelardini, Jesse Masear
Blockchain Mobile Health Clinic provides consulting to integrate blockchain technology into new and existing systems and networks. BMHC applied for a U.S. preliminary patent on the blockchain integration with mobile health clinics after it created a proposal for Johns Hopkins University and Meharry Medical College Mobile Dental Clinic to create an immutable, secure, and transparent data-sharing network.

Candor
Richard Guo, Yidong Hu, Daya Lu, Frank Miao, Claudia Moncaliano
Candor is a tool designed to help recruiters gain insight into a student applicant’s core competencies through summary analytics and skill visualizations. Our tool recommends applicants with the best skill matches for each role and provides side-by-side comparison of candidates, allowing recruiters to make smarter hires.

creativityHub
Nora M. Hassan, Farah Huq, Mai Elghaba, Xinyi Shen
creativityHub is a website and complimentary mobile app that allows Johns Hopkins University students to upload and share their artwork and to communicate with peer and professional artists to improve and sell their work. It also provides a space for art lovers to explore and buy beautiful art pieces at affordable prices.

Ensemble
David Samson, William Zhang
Ensemble delivers and supports the highest quality software for producing audiorealistic choir previews. Our mission is to push the state-of-the-art in music composition with an emphasis on usability and affordable price points.
Goba Tea, LLC
Byron D’Mello

Lite GoodNite
Nicole Cheng, Rachel Fitzpatrick, Louis DeRidder

Lite GoodNite revolutionizes the design of air mattresses to offer their customers maximum comfort for a variety of uses. Our current lead product is a camping mat, but we hope to expand our offerings to include full-size mattresses and mattress toppers.

OMNI
Omar Ibrahim, Rob Raniszewski

OMNI is a glove that uses passive haptic learning and haptic feedback technology to allow for passively practicing piano skills. The glove is paired with a subscription to piano eLearning resources.

Pourcisely
Brhea D’Mello, Denisse Koch

Xchange
Reece Griffith, Ali Rachidi, Andrew Rojas, Gabriel Villasana

Xchange allows small, independent restaurants access to predictive analytics that empower them to make better inventory purchasing decisions. We aim to reduce the total food waste in the restaurant industry through these better inventory decisions.
AmbuMate
Sanjana Eranki, Shreya Narayan, Darsh Patel

The AmbuMate is a medical device that facilitates patient ambulation (walking) within the intensive care unit (ICU) in an easier, more organized, more efficient, and safer way. The technology was created at Johns Hopkins University by a group of Biomedical Engineers in partnership with Sapna Kudchadkar, MD.

Augeo
Rasha Bara, Joey Chen, Mathias Insley, Siddharth Iyer, Shin-Jae Lee, Christy Ng

Augeo is a medical device company focused on developing a one-size-fits-all, self-expandable embolization device based on an alginate-gelatin cryogel. Our mission is to reduce cost and increase simplicity of the surgical treatment of hemorrhages.

Benegraft
Marc Di Meo, Sabin Karki, Kirby Leo, Mitsuki Ota, Millan Patel, Allison Rosen, Paarth Sharma, Brooke Stephanian

Benegraft is working to streamline a complex cartilage grafting technique used in rhinoplasty procedures. It offers superior clinical results, saves time during surgeries, and improves patient outcomes.

Cellular Analysis Technologies (CAT)
Jacob Feitelberg, Christian Gonzalez, Yihong (Daniel) Sun, Robert Waxman

Cellular Analysis Technologies is an affordable, cloud-based software that utilizes machine learning and artificial intelligence. CAT’s mission is to accelerate biological research by removing the time it takes to manually tag cells.

CottInSight
Raphael Bechtold, Zachary Buono, Isabella Ferrara, Benjamin Garlow, Sean Glaister, Cristina Madalo, Jimmy Pitingolo, and Niki Tselepidakis

We are developing a novel solution to minimize the risk of unintended cotton retention in neurosurgical procedures, thereby improving patient outcomes and decreasing the potential of post-surgical complications.

CortiTech
Jody Mou, Kevin Tu, Linh Tran, Jack Ye, Sun Jay Yoo

CortiTech has designed the Radiex, a minimally invasive neurosurgical tool for removing deep seated lesions such as tumors, blood clots, and aneurysms. Our mission is to establish a new standard of care by making these surgical procedures safer for the patient and easier for the surgeon.

DT9
Teya Bergamaschi, Maggie Li, Nicholas Maritato, Sundari Parise, Joshua Park, Samiksha Ramesh, Akaash Sanyal

DT9 manufactures an affordable, virtual reality alternative that is safe for children and aims to motivate and engage young patients through rigorous phys-
ical therapy. Our mission to enable efficacious early interventions to maximize the improvement in the quality of life that can be achieved for children with movement disorders, such as cerebral palsy.

**EchO2**

*Santiago Balza, Gabrielle Griffo, Disha Mishra, Yujin (Eugene) Park, Shihab Rahman, Victor Wang, Lucy Wu, Jack Yue*

EchO2 is a reliable, easily-interpretable device for medical personnel to monitor blood perfusion in post-operative patients. Our mission is to revolutionize the post-operative monitoring space by offering an intuitive way for medical personnel to provide better patient care.

**epiX**

*Diego Arevalo, Gabriel Fernandes, Eshan Joshi*

**FlowMate**

*Celine Arpornsuksant, Yunonne Bai, Damali Egyen-Davis, Varun Kedia, Colin Lee, Isaree Pitaktong, Maxwell Xu, Lily Zhu*

FlowMate is an attachable adaptor for dry powder inhalers that aids in the delivery of medication. Our mission is to improve the quality of life for pediatric asthma patients by ensuring consistent dosage of medicine, providing symptom relief and giving patients peace of mind.

**InfuSure**

*Matthew Hill, Bonolo Mathekga, Mete Morris, Mel Schweizer, Collin Shale, Digvijay Singh*

InfuSure improves home infusion patient and caregiver central line maintenance through a system of software and hardware solutions. Our mission is to enable patient independence in home infusion.

**MonitOR**

*Jacob Feitelberg, Christine Li, Kat Mayer, Adit Murali, Cassie Parent, Anil Palepu, Lexie Scholtz, Brett Wolfinger*

MonitOR strives to revolutionize hospital surgical instrument inventories by tracing surgical instruments throughout an operating room. By providing data that can facilitate lean instrument management, we will be able to lower hospitals’ operating costs, decreasing overall health care spending and allowing hospitals to allocate more resources towards providing better patient care.

**Osteocast**

*Victoria Chen, Shipra Khatri, Ronak Mahatme, Nikhil Murty*

Osteocast is a smart orthosis that utilizes sensor technology and novel materials to optimize the current standard of care for fracture management. This wearable technology improves clinical workflow efficiency and maximizes patient comfort.

**OxyGen**

*Ana Ainechi, Jessica Dakkak, Brice Dudley, Moriah Mattson, Jonathan Smith, Wilson Tang*

OxyGen is a medical technology company bringing a more efficient portable oxygen concentrator (POC) to the 1.6 million Americans on ambulatory long-term
oxygen therapy. The OxyGen POC can serve patients who require flow rates up to 6L/min, expanding the number of patients benefiting from a POC.

Perfuse, LLC
Ana Ainechi, Sandeep Kambhampati, Smruti Mahapatra

There is a need to monitor spinal cord blood flow recurrence and tissue perfusion in patients with spinal cord injuries. We developed an ultrasound implant to enable neurosurgeons to monitor recovery and to mitigate secondary phase injuries.

Relavo, LLC
Anna Bailey, Tejasvi Desai, Giang Hoang, Sarah Lee, Eugene Oh, James Qin

Relavo is a Baltimore-based medical device company targeting infection prevention for patients using at-home peritoneal dialysis to treat renal failure. Our platform technology, the PeritoneX, utilizes a novel technology system to reduce the risk of infection in peritoneal dialysis care.

Sapana Health
Rupsa Acharya, Andrew Jin, Vani Kumar, Zhou Li, Rohan Panaparambil, Andrea Niu, Charles Wang, Kevin Zhan

Sapana Health is focused on offering accessible obstructive sleep apnea (OSA) screening tools for dental clinics through our handheld 3D-imaging device, Somnosnap. Our mission is to transform the standard sleep apnea diagnostic pathway by making screening widely available through routine patient checkups with dental care providers, and thus combat the widespread under-diagnosis of sleep apnea.

SteadyAid
Milind Joshi, Juhi Salgaonkar, Jigar Shah

SteadyAid is an adaptive, wearable device that enables Essential Tremor (ET) patients to regain control of their hands by dampening tremors. Our device is aimed at improving patients’ quality of life not only by assisting them in daily tasks such as writing, eating, and cooking, but also by providing an elegant solution that would allow them to overcome the social anxiety associated with ET.

SurgeonMR
Ehsan Azimi, Camilo Molina

SurgeonMR is an interactive software ecosystem that help surgeons perform the procedures efficiently using real-time multimodal guidance in head-mounted display mixed reality.

SymMEDtry
Evan Bender, Akash Chaurasia, Aditi Jithendra, Robert Li, Katie McCarren, Claire State, Jerry Yan, Hannah Takasuka

SymMEDtry aims to deliver an innovative technology to enable orthopedic surgeons to minimize the complication of limb length discrepancy during total hip arthroplasty, thereby minimizing the frequency of chronic joint and back pain, gait complications, and revision surgeries.
Talaris Health
Mario Antoun, Taha Baig, Autumn Hughes, Seyvonne Ip, Debanik Purkayastha, Arjun Somayazulu, Brandon Wong, Burton Ye

Talaris Health is a chronic care management service, based on evidence-based practice, centered on an iOS application and its companion clinician web dashboard. Through automated gait decline warnings and improved patient-clinician interactions, the mission of Talaris is to become a technological leader of the hydrocephalus health care industry.

ProteK+
Miguel Inserni, Min Jae Kim, Alan Lai, Maya Lapinski, Diane Lee, Parth Vora, Justin Wang, Rebecca Yu

ProteK+ is developing a point-of-care potassium measurement device for dialysis patients to prevent cardiac complications and death resulting from high blood potassium levels.

ZyGuard
Natalie Ng, Madison Vanosdoll, Allison Wallingford, Ryan Xu

MOBILE APPLICATIONS VENTURES

1Plan
YunFei Li, Xiaowen (Janet) Wang, Teng-Ju (Jess) Yang

1Plan is an online platform that delivers personalized career guidance to university students through extensive data analysis. Our mission is to better inform students, help them discover their ideal career paths, and provide concrete plans to attain their career goals.
ChoreAssist  
**Nora Hassan, Farah Huq**

ChoreAssist is a mobile app that matches customers with workers willing to provide affordable short-term assistance with tasks not requiring extensive skills or experience.

DriverApp  
**Nora Hassan, Farah Huq**

DriverApp is a mobile app that matches customers (mostly elderly or those with disabilities) with personal drivers. The app allows customers to hire drivers to help them with errands in the comfort of their own car at very affordable prices. Also, it helps skilled drivers to earn money without providing their car or paying gas.

Food8  
**Thomas Howard, Kimberly Zou**

GoodSide  
**Jennifer Baron, Natasha Bornhorst**

GoodSide is a crowdsourced app that provides unbiased reviews of your online dating approach directly from your target audience. Our mission is to not only help users find more matches, but also to find better matches.

MyAssist  
**Kevin Sherman, Daniel Stambler, David Wen**

MyAssist is a technology company that seeks to help college students easily access their course information, including office hours, assignment deadlines, and test dates. Through our easy-to-use platform, we aim to make academic resources more accessible to students and to centralize their information.

Sky Stack  
**Patrick Huie, Jonathan Miller, Christopher Scherz, James Tamayo**

Skej  
**Ryan Baber, Brian Fisher**

Skej is the revolutionized social calendar and event planning app. Our mission is to optimize the digital calendar to expedite personal and group planning.

UpShot Golf  
**Michael Eberle, Rowen Frazer, Patrick Kelly, Aaron Shapiro**

Zionx Social Trading Network  
**Trenton Wang, John Xing**
SOCIAL ENTERPRISE VENTURES

Aquatas

Maya Foster, Anish Mokha, Shivam Rastogi, Zachary Schmidt, Paarth Sharma, Varun Venkatesh

Aquatas aims to address the ever-growing problem of clean water shortage in developing regions around the world by providing an efficient and affordable water purification system that promotes the health and wellbeing of low-income families.

Art Gives

Subin Han, Ashley Li, Kristen Nixon, Jadesola Owoade, Anisha Palasamudrum, Kamil Taneja, Ananya Sarkar

Art Gives is empowering students to improve their mental wellbeing by offering beginner-friendly, experiential opportunities to use art as a stress-relief tool. This social enterprise runs workshops, provides wellness kits, and sells care packages—all with the goal of changing the culture at JHU to one that encourages prioritizing wellbeing.

Ask Rose

Dr. Atif Adam, Rishi Bagga, Kavi Misrilall, Dr. Matthew Peters, Ben Schneider

Ask Rose is a mental-health platform leveraging artificial intelligence to detect a person’s symptoms and providing a targeted, individualized approach to therapy.

BHere

Alice Zhao

Calm Dragons

Yuri Chia

Cartridge Care

Mark Ciccaclione

Cartridge Care is a college campus-based service, marketed to college students, that refills printer ink cartridges with bulk-purchased printer ink. This saves the customer money and cuts down on the plastic waste currently produced by not reusing cartridges.

CompostBuddy

Miranda Grenville
Endosight
Sanjay Elangovan, Adam Kenet, Amrita Ladwa, Simon Liu, Eashwar Mahadevan, Roshini Narayanan, Kamran Siddiq, Justin Yan

Endosight is a low cost, novel imaging tool that is used to aid gastrointestinal fellows in performing colonoscopies.

Eyedea Medical
Christine Diaz, Caterina Esposito, Benjamin Ostrander, Edward Ruppel, Katie Solley

Eyedea Medical is a medical device company working to reduce the incidence of corneal blindness through a series of products aimed at improving the efficiency and capacity of eye banks, and the quality of their offerings.

ForSight Innovation
Nick Calafat, Joshua De Souza, Daniel Myers, Namratha Potharaj, Brittany Reed, Krithik Srithar

ForSight Innovation aims to enable global equity in eye care, starting with cataract care. Our minimally-invasive cataract surgery tool is the first of a portfolio of products designed to provide optimal outcomes for all patients at the world’s leading high-volume eye care centers.

Green Thumb
Jane Nester

LocalUp
Camila Camacho, Brian Fogelson, Anthony Garay, Farrah Lin, Momo Steele

LocalUp is an application that connects up-and-coming artists with engaged, local listeners by generating an interactive radio that showcases musicians who are scheduled to perform locally in the coming weeks. Through this interactive radio curated to the user’s location and musical preferences, the user will be able to discover local artists, learn about their backstories, and have direct interaction with the artists and their musical community.

ObstetriCare
Siddharth Arun, Erika Bhadra, Emily Chang, Kevin Gorman, Jacqueline Lanza-ro, Pranavi Pallinti, Helen Rossmiller, Valerie Zawicki

ObstetriCare is a global health organization focused on developing and distributing a low-cost medical device that helps women manage the debilitating physical, social, and psychological symptoms of an obstetric fistula.

PediaCORE
Teya Bergamaschi, Maggie Li, Sundari Parise, Nicholas Maritato, Joshua Park, Samiksha Ramesh, Akaash Sanyal

PediaCORE delivers affordable physical therapy solutions to families of children with cerebral palsy with limited access to professional resources. Our mission is to couple such access with proper patient education to enable better outcomes for children, regardless of their financial circumstances.
**Trippy**  
*Harry Chello, Yue He, Xingyun Zhou*

Trippy will provide a low-cost mobile application that will harvest information available through websites and photos in order to determine special-needs-suitable travel options from flights and transportation to lodging and attractions. We aim to help those with special needs avoid unnecessary delays, hassle, and embarrassment, allowing them to enjoy their adventures in a new place.

**Walden**  
*Lucas Feuser*

Walden is a smartphone case designed to decrease the amount of time people spend using their phones. The case displays above the screen the total hours spent that day and the number of times the device was activated—a constant reminder of the choices we are making when we use our phones.

**VecTech**  
*Tristan Ford, Margaret Glancey, Adam Goodwin, Sanket Padmanabhan, Laura Scavo*

Through an AI-enabled IoT trap system, VecTech offers health systems real-time data on mosquito populations, reducing costs and enabling smarter outbreak prevention.
MAP OF CHARLES COMMONS

N. Charles Street

E. 33rd Street

St. Paul Street

Salon A

Salon B

Salon C

Barber Room

Registration

Private Dining Room

Nolan's Café

2019 BUSINESS PLAN COMPETITION | 17
SPONSORS

AARP FOUNDATION

accenture