



**Congratulations to
all of our students!**


A. JAMES CLARK
SCHOOL OF ENGINEERING
MARYLAND TECHNOLOGY
ENTERPRISE INSTITUTE



6TH ANNUAL
UNIVERSITY OF MARYLAND HONORS COLLEGE
Entrepreneurship & Innovation Program
Capstone Symposium



Monday, May 11, 2020
5-8:30 p.m.

ONLINE!





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ACADEMY FOR
INNOVATION &
ENTREPRENEURSHIP



AGENDA

Honors College
Entrepreneurship & Innovation Program
Capstone Symposium
May 11, 2020

5:00-5:10 p.m.

WELCOME

5:10-5:50 p.m.

PRESENTATIONS, PART 1

AvailaTech
UV Life
Classroom Connect
LocBox
College L.I.F.E.

5:50-6:00 p.m.

BREAK

6:00-6:50 p.m.

PRESENTATIONS, PART 2

Future Women in STEM
Glow Grid
Terpstay
EcoPrints
Eldra
Safety with Style

6:50-7:00 p.m.

BREAK

7:00-7:45 p.m.

PRESENTATIONS, PART 3

UniHealth
lockOUT
Food&Fete
SunCased
Sip Savior

7:45-8:00 p.m.

BREAK

8:00-8:30 p.m.

**AWARDS PRESENTATION &
CLOSING REMARKS**



About the Honors College Entrepreneurship & Innovation Program

The Entrepreneurship and Innovation Program (EIP) provides University of Maryland Honors College freshmen and sophomores with an interdisciplinary, living and learning education to help build the entrepreneurial mindsets, skill sets, and relationships invaluable to developing innovative, impactful solutions to today's problems.

A joint program of the Honors College and the Maryland Technology Enterprise Institute (Mtech), EIP has a proven pedigree of successful creativity and innovation-related education and achievement. Mtech has been a leading force in entrepreneurial education and innovation for more than 30 years. EIP is based directly on Mtech's groundbreaking Hinman CEOs program, the first undergraduate living-learning entrepreneurship program in the United States. EIP students have access to Mtech's venture development resources and activities, as well as those specifically designated for EIP and the Honors College.

Program Staff



Jay A. Smith, *Director, Honors College Entrepreneurship & Innovation Program*

Jay is the inaugural Director of the Entrepreneurship and Innovation Program, which launched in 2010. He manages its operational aspects and teaches and mentors the living-learning student community members. Jay has over 30 years of experience with entrepreneurship and innovation as an educator, company founder, investment banker, and consultant in the U.S. and abroad. He holds an M.B.A. from Harvard University and a B.A. with majors in Economics and Physics from Rutgers University.



Katherine Zmoda, *Program Specialist, Honors College Entrepreneurship & Innovation Program*

Katherine serves as Specialist for EIP and supports program activities, student involvement and academic planning, marketing, partnerships and general administration, and advises on general strategy. She is a 2018 Honors College, EIP graduate from the University of Maryland with majors in Marketing and Management and a minor in Spanish. As a student, she completed the Social Innovation Fellows (SIF) program at the Robert H. Smith School of Business and worked as teaching assistant for the program, assisting students in developing their understanding of social value creation through business practices.



Ryan Elza, *Social Entrepreneur-in-Residence, AARP Adviser, Honors College Entrepreneurship & Innovation Program*

Ryan serves as Social Entrepreneur in Residence at the AARP Foundation where he leads their Voice First initiatives to combat social isolation and serves as an adviser to EIP. Previously, Ryan worked full-time in increasing positions in EIP and played a lead role in developing the EIP Terp Tank Capstone Symposium. Ryan continues to support program activities, marketing, partnerships, alumni affairs, and advises on general strategy. He holds a Master's in Technology Entrepreneurship from the University of Maryland and is an Honors College graduate from UMD with dual majors in anthropology and Italian studies.



John Jabara, *Lecturer*

John is a Lecturer in entrepreneurship at the University of Maryland teaching both undergraduate and graduate courses. He also teaches Executive Education and is an Entrepreneur in Residence at the Georgetown University McDonough School of Business. Prior to this, John founded Savenia Labs and was selected as the 2013 Maryland Clean Energy Entrepreneur of Year. He has over 22 years of international management experience as a global executive with GlaxoSmithKline. John holds an M.S. in International Management from the London School of Business, and a B.A. in International Relations, Economics & East Asian Languages from USC.



Le-Marie Thompson, *Lecturer*

Le-Marie is the Founder and CEO of Nettadona LLC, and was selected by *Fast Company* magazine as one of the 100 Most Creative People in Business and Social Good. She has ten years of experience with global 100 telecom companies and 5 years experience with innovative education programs. She holds an M.A. in Communication, Culture and Technology from Georgetown University and a B.S. in Electrical Engineering from the University of Maryland.



JUDGES PANEL



Jolene Gurevich

Manager, Mtech Ventures & Chesapeake Bay Seed Capital Fund

Jolene Gurevich is a Manager at Mtech Ventures and the Chesapeake Bay Seed Capital Fund. She is responsible for advising startups as well as managing programmatic operations for the Mtech Ventures Incubator. She is also responsible for

sourcing and vetting companies for investment by the Chesapeake Bay Seed Capital Fund (CBSCF).

Prior to Mtech, Jolene was an early employee at an ed-tech startup where she held numerous roles integral to the growth of the company. She has experience in managing company financials and startup operations, building and scaling customer success teams, tracking and understanding user data analytics, developing product marketing, setting up and managing HR systems as well as building an inclusive team culture.

Jolene has a B.B.A. in Finance from the CUNY Macaulay Honors College. Jolene was also a 2014 Venture for America Fellow.



Kisha Logan

Manager, Do Good Accelerator, Do Good Institute, UMD

As Do Good Accelerator Manager, Kisha equips students with the knowledge, skills, and support to assess and transform promising student-led social innovation ventures and projects into high-impact nonprofits, social venture businesses, and philanthropic

initiatives, as well as expand linkages to the community. She is also responsible for strategic development and deployment of Do Good Accelerator programs.

Most recently, Kisha served as a manager with the Prince George's Economic Development Corporation (PGCEDC), where she worked with entrepreneurs to establish and grow their organizations by leveraging county, state, and federal incentives. She also managed and led the expansion of the PGCEDC accelerator program geared toward innovative products and services. Kisha holds a B.S. in Family Science from the University of Maryland.



Lindsay Ryan

Venture Development Director, University System of Maryland

Lindsay Ryan is Venture Development Director for the University System of Maryland, which coordinates among 12 public institutions and 3 regional higher education centers throughout Maryland. Lindsay leverages the collective

expertise and resources of the System to provide even more support for innovation, entrepreneurship, and economic development throughout the System and State.

Previously, she was the Founding Manager of Harbor Launch at IMET, a business incubator within a University System of Maryland research institute in Baltimore, Maryland. Lindsay began her career at the National Science Foundation, leading program assessment and communications for the Small Business Innovation Research program and working with other innovation programs such as I-Corps™. Lindsay received a B.S. in Bioengineering from the University of Maryland - College Park in 2009 and an M.S. from the University of North Carolina - Chapel Hill in 2011 studying Marine Microbiology.



Adam VanWagner

Technical Program Manager, Amazon Web Services, Co-Founder, MyFridgeRental.com

Adam manages global scale process improvement and transitional projects for software services as a Technical Program Manager in infrastructure operations at Amazon

Web Services and was previously a Regional Logistics Manager for the Data Center in Northern Virginia. Adam was previously also an Area Manager at Amazon.com Fulfillment and was a member of the start-up team at two new Amazon Fulfillment Centers. Prior to joining AWS, Adam was Community and Student Programs Manager at the UMD Dingman Center for Entrepreneurship, where he led the Fearless Founders program and the Pitch Dingman advising sessions. Adam holds a Master of Professional Studies in Technology Entrepreneurship and a B.S. in Operations Management, both from the University of Maryland. While at UMD, Adam co-founded MyFridgeRental.com, a refrigerator rental service for college campuses. MyFridgeRental.com continues to grow and operates today on 18 campuses.



JUDGES PANEL



Chris Van Buiten

Vice President, Sikorsky Innovations, Sikorsky

Chris Van Buiten is Vice President of Sikorsky Innovations for Sikorsky, a Lockheed Martin Company and line of business within the Rotary and Mission Systems business area. In this capacity, he runs the group responsible for maturing next

generation technologies, processes and products. Current areas of focus include Future Vertical Lift design, high speed S-97 RAIDER™ prototype and Joint Multi-Role DEFIANT™ demonstrator programs, Autonomy and optionally piloted flight demonstrations, as well as a portfolio of advanced rotor, and fleet management technology programs.

Mr. Van Buiten joined Sikorsky in 1989 and has been engaged in the conceptual and preliminary design of Sikorsky products including the Collier Award winning S-92 commercial transport, CH-53K heavy lift helicopter, and UH-60M BLACK HAWK. He has served as Chief of Preliminary Design and Manager of Advanced Design and has led Sikorsky's Strategic Planning group. He led Sikorsky's acquisition of the PZL Mielec Aircraft Company in Mielec, Poland. He has also served as a Technical Fellow for Advanced System Design.

Mr. Van Buiten was a Glenn L. Martin Aerospace Scholar at the University of Maryland where he received a Bachelor of Science in Aerospace degree in 1989. He received a Master of Science in System Design and Management from the Massachusetts Institute of Technology and Sloan School of Business in 1999.



For the ninth consecutive year, the University of Maryland was named one of the top schools for undergraduate entrepreneurship education by The Princeton Review and Entrepreneur magazine, coming in at No. 7 overall.



The United States Association for Small Business and Entrepreneurship (USASBE) selected the Entrepreneurship and Innovation Program (EIP) as a winner of a national award for Excellence in Entrepreneurship Education.

SPECIAL THANKS TO OUR TEACHING ASSISTANTS:

- Bryce Dubayah
- Allison Orlosky
- Nathan Wagener



TEAM ABSTRACTS



AvailaTech

Team Members: *Rachita Bommakanti, Michael Cybert, Anusrita Deb*

Business Concept: AvailaTech provides value to gyms by offering a uniquely convenient service to their customers. Customers are able to see which treadmills are open,

basketball courts are free, and which machines are not in use, all through the convenience of an app. Gym wait times are a hindrance to gyms. With AvailaTech, gym customers are inclined to go to the gym more often and pursue a healthy lifestyle.



Classroom Connect

Classroom Connect

Team Members: *Mariah Jordan, Florina Lam, Erin McLamb*

Business Concept: For high school STEM

teachers, Classroom Connect decreases the cost of supplies needed to help them teach by 95% through business sponsorship, allowing teachers to have more focus and flexibility for their students. This enhances the classroom experience while opening doors for future career opportunities with these businesses.

College L.I.F.E.

College L.I.F.E.

Team Members: *Sarah Gray, Celina Owens, Vasmi Patel*

Business Concept: College L.I.F.E. is a summer orientation program for students on the Autism Spectrum, helping to

smooth their transition to college and start their semester more confidently. Our impact supports academic achievement, community involvement, and the ability to utilize on-campus resources, potentially resulting in higher retention for the university.



EcoPrints

Team Members: *Maddy Albee, Sabrina Eason, Pranavi Sayyaparaju*

Business Concept: EcoPrints aims to take actions against the increasing amount of plastic pollution in the environment. Our company takes these

plastics and cleans and processes them into 3-D printing filament. By utilizing our filaments, made from recycled plastics, users are helping to raise awareness on plastic pollution!



Eldra

Team Members: *Peter Feeney, Christian Galindo, Thomas Wrona*

Business Concept: Through specially designed sensor technology, Eldra provides senior adults with a sense of security in the case of an unexpected emergency.



Food&Fete

Team Members: *Victor Chupka, Ashwin Kammula, Elijah McNeil, Jim Townsend*

Business Concept: Food&Fete is dedicated to providing enjoyable and stimulating social outings for elderly people with chronic disabilities. Our smooth, stress-free experiences help counter social isolation and improve health outcomes and quality of life for seniors.



Future Women in STEM

Team Members: *Barathi Aravindan, Cole Lahmann, Paetyn Lewis, Carolyn Payne*

Business Concept: Future Women in STEM is an online program for high school girls interested in STEM to provide them with professional development, academic, and mentorship opportunities. Our program boosts girls' confidence, making them more successful in their first year of college and more likely to receive internship offers.



Glow Grid

Team Members: *Vyoma Jani, Katarina Lechner, Boluwatito Ope*

Business Concept: Glow Grid has designed a motion sensor attachment that manages energy to reduce energy waste overnight. It can be fitted onto streetlights to dim lights when not needed and brighten them when motion is sensed. Sensors also include smart technology for reporting energy use data.



TEAM ABSTRACTS



Locbox

Team Members: *Andy Bae, William Liu, Gloria Ngo*

Business Concept: Locbox is a personal, cloud-protected, digital diary platform, offering an innovative prompting algorithm that helps users effectively create and recall stored memories. Locbox refines emotional connections and leverages that emotional connection to stimulate cognitive function and act as an interface to improve conversation between users.



lockOUT

Team Members: *Samantha Amo, Lauren Bolger*

Business Concept: lockOUT puts safety back in the hands of students by providing them with additional security for their dorm rooms. Our hands-free device pairs with an application that allows students to lock/unlock their door with the touch of a button. Give your Terp control over their room and increase safety on UMD's campus.



Safety with Style

Team Members: *Ethan Hwang, Anjali Kalra, Hannah Vinner, David Umansky*

Business Concept: Safety with Style is a new wearable fashion and self-defense company. We provide a sense of security and peace of mind for our customers, so no matter the situation they know that they are protected. Our products are discreet, trendy, and extremely easy to use.



Sip Savior

Team Members: *Shefali Gupta, Pranusha Kareddy, Therese Klein, Emma Rowe*

Business Concept: Sip Savior is a risk-management online educational service offered to college-town bars. We provide our customers with proper equipment and strategies to prevent and manage sexual assault and extreme intoxication. Our mission is to provide bar-goers with a stronger sense of security and bars with a certifiably safe reputation.



SunCased

Team Members: *Lucas Garcia-O'Donnell, Stone Heyman, Azariah Knox*

Business Concept: SunCased provides volunteer organizations with the only fully integrated solar-powered charging laptop case on the market. We facilitate the use of modern technology in rural areas in order to allow our customers to better support the communities they aid.



Terpstay

Team Members: *Angela Chien, Eeshah Haq, Ian Rosario, Ethan Schaffe*

Business Concept: Terpstay is an online platform providing affordable, on-demand, and short-term housing to students by connecting them with students who have available space. Terpstay improves the physical and mental health of students by providing an outlet to better connect with their peers as they stay closer to campus and classes.



UniHealth

Team Members: *Yash Atitkar, Emily Shin, Brandon Velasquez, Amit Yavasani*

Business Concept: UniHealth is a software-based service that aims to encourage university students to dine with confidence, regardless of dietary restrictions, while also promoting healthy eating habits.



UV Life

Team Members: *Evan Candey, Kyle Pichney, Zach Wilhelm*

Business Concept: UV Life aims to improve access to safe and reliable drinking water through the application of inexpensive ultraviolet and filter-based purification technologies. Our midrange launch product is designed to ensure continued access to water in the case of an extended loss of utilities due to a flood or related disaster.



AWARDS

As a requirement of the capstone course of the Honors College Entrepreneurship and Innovation Program, teams are expected to develop a for-profit business plan that has multiple-bottom lines of profitability and social and/or environmental impact. Teams have four minutes to present their concept to a panel of expert judges and public audience at the “Terp Tank” Capstone Symposium. All sophomore students and teams participate and are eligible for the awards.

“Ready to Launch” Team Presentation Award - \$2,500

This award recognizes the team with the most compelling plan for a viable business opportunity and sustainable business model. The winner appears ready and able to launch their venture with a clear vision for the use of funds to achieve a significant measurable milestone in their launch. This award is voted on by the panel of judges and is generously supported by Lockheed Martin.

Outstanding Team Presentation Award - \$1,000

This award is based on a team’s overall concept, content, creativity, clarity and style as voted on by the panel of judges. This award is generously supported by the Do Good Institute.

Most Innovative Idea Award - \$1,000

This award is given to the team with the most innovative solution to address their overall mission. It is awarded based on both the creativity and viability of the idea in relation to the problem and is voted on by the panel of judges. This award is generously supported by Lockheed Martin.

Audience Choice Award - \$500

This prize is given to the team that receives the greatest number of votes from the audience during the Capstone Symposium. The award is generously supported by Telesis Partners.

“Do Good Now” Social Impact Award - \$500

This award is given to the team that clearly defined a large social problem and their associated social and/or environmental impact. It is awarded based on creativity, leverage and potential impact and is selected by the panel of judges. This award is generously supported by the Do Good Institute.

Outstanding Capstone Entrepreneur Award - \$250

This award is presented to a student who has been intellectually engaged and highly involved in his or her EIP capstone team. The award goes beyond the normal leadership behavior of organizing the group, motivating members and running meetings. Nominees for this award are students who have taken the intellectual leadership role and have served as a driving force behind the topic and content of the research. We strive to give the award to a student who demonstrated passion for the team’s topic and was truly engaged in the subject matter. The recipient of this award is selected by program staff and course instructors. The award is generously supported by MyFridgeRental.com.

Outstanding Team Leader Award - \$250

This award recognizes a student who has demonstrated excellent organizational, interpersonal, and communication skills and has played a key role in clearly motivating his or her team over the past semester. Each team has the opportunity to nominate a team leader for this award. The recipient is selected by program staff and course instructors. This award is generously supported by MyFridgeRental.com.

