



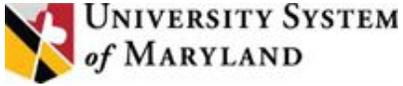
**Board of Regents
Committee on Economic Development and Technology Commercialization**

March 25, 2021

Virtual (public listen only access at 443-353-0686, Conference ID: 316 220 802)
Committee Members will be sent Zoom information

Public Session Agenda

- (1) [Featured Startup: Inventwood](#) – Josh Cable, CEO (Information Item)
- (2) [Activating Fearless Ideas for Transformational Impact Supporting Companies Like Inventwood](#) – Julie Lenzer, Chief Innovation Officer, University of Maryland, College Park (Information Item)
- (3) [Corporate Training and Development](#) – Dr. MJ Bishop, Associate Vice Chancellor and Director, William E. Kirwan Center for Academic Innovation at the University System of Maryland (Information Item)
- (4) [USM Office of Economic Development Update](#) – Tom Sadowski, Vice Chancellor for Economic Development (Information Item)
 - a. COVID-19 Task Force Activity
 - b. Legislative Activity
 - c. Momentum Fund



BOARD OF REGENTS

SUMMARY OF ITEM FOR ACTION
INFORMATION OR DISCUSSION

TOPIC: Featured Startup: Inventwood

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: Thursday, March 25, 2021

SUMMARY: Josh Cable, CEO of Inventwood, will present the company's progress to date. InventWood uses material science innovations to alter wood for different purposes, making it incredibly strong, transparent, or insulating. The company is based on technology developed by a team of material scientists at the University of Maryland, led Professor Liangbing Hu.

ALTERNATIVE(S): This item is for information purposes.

FISCAL IMPACT: There is no fiscal impact.

CHANCELLOR'S RECOMMENDATION: n/a

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Tom Sadowski 410-576-5742
tsadowski@usmd.edu

INVENTWOODTM

University of Maryland Regents Presentation

March 2021

We are InventWood

InventWood™ is committed to transforming the world by developing advanced wood materials that are high-quality, cost-effective, and environmentally-sustainable.

Structural & Support



MettleWood™

- Stronger than steel
- Light-weight
- Low-cost

Thermal Management



Insulating 'Nano' Wood

- Tunable strength
- Strong insulation properties
- Non-toxic, fully biodegradable



Radiative Cooling Wood

- Energy emitting, IR invisible
- Record-high cooling efficiency
- Low-cost and biodegradable

Optical & Light Management



Transparent Wood

- Light-channeling potential
- Lighter and tougher than glass
- 6x better thermal insulation



'Aesthetic' Wood

- Stunning visible grains
- 6x better thermal insulation
- Smart light management

...And many more to come!

The Challenge Ahead of Us

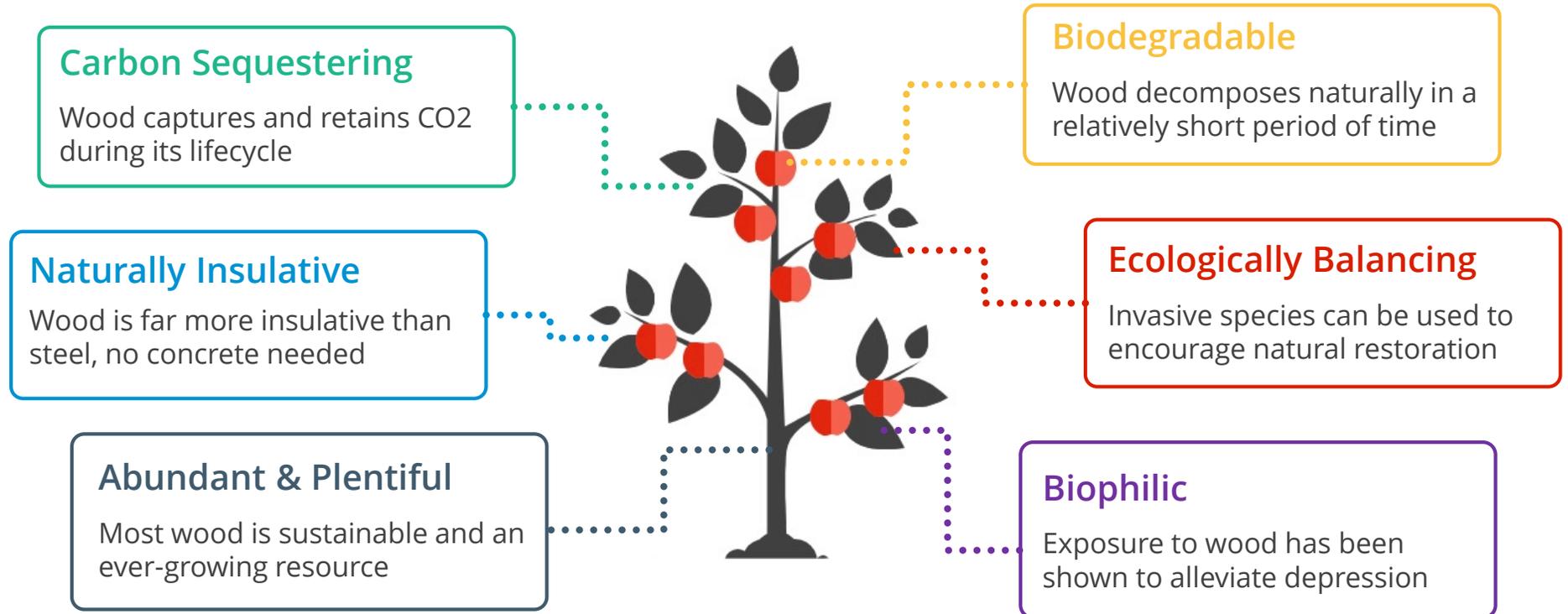
Three major environmental issues

- **Climate Change**
 - Greenhouse gas emissions
 - Fossil fuel consumption
- **Ecological Imbalances**
 - Invasive species
 - Mass deforestation
- **Waste Disposal**
 - Microplastics in waterways
 - Non-biodegradable landfill waste



The Answer Grows on Trees

Wood is the solution!



An Introduction to Advanced Wood Materials

Addressing natural wood's shortcomings

	Regular Wood	Advanced Wood Materials
Strength	Weak (30-70 MPa for most species)	Very Strong (Up to 1,000 MPa)
Environmental Resistance	Varies and highly dependent on species and circumstances	Highly resistant to many environmental challenges like water, fire, and termites
Formability	Very difficult to shape and form like other materials	Can be easily shaped and formed like metals and plastics
Species Dependency	Yes, performance & aesthetic highly dependent	Can be made into consistent products independent of species
Economics	Regarded often as low-cost and low-value commodity	Can be high-value agricultural export, reinvigorating rural communities

An Introduction to MettleWood

The true 'green steel'



- ✓ Lightweight with High Specific Strength
- ✓ Incredibly Strong & Unbelievably Tough
- ✓ Cost-Efficient
- ✓ Durable & Resilient
- ✓ Sustainable & Biodegradable

A Few Recent Headlines

'Super wood' in the news

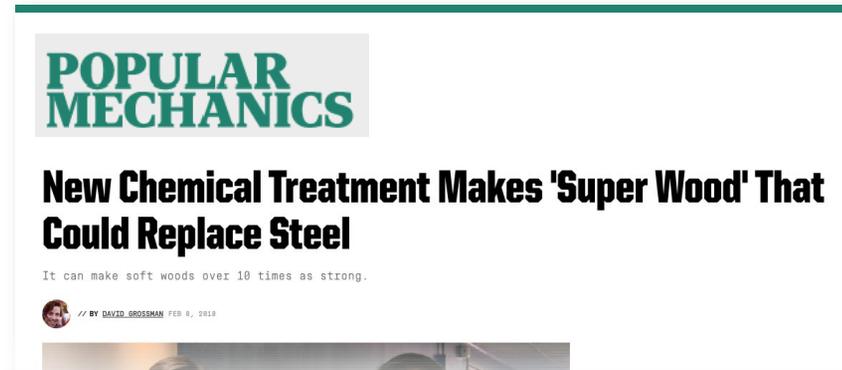


SCIENTIFIC AMERICAN. CELEBRATING 175 YEARS

CHEMISTRY

Stronger Than Steel, Able to Stop a Speeding Bullet—It's Super Wood!

Simple processes can make wood tough, impact-resistant—or even transparent

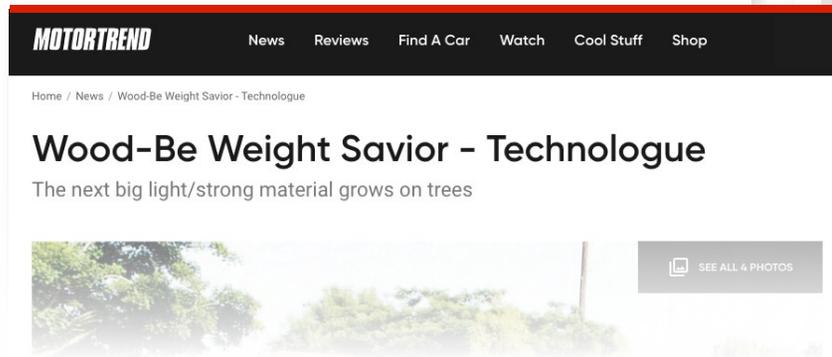


POPULAR MECHANICS

New Chemical Treatment Makes 'Super Wood' That Could Replace Steel

It can make soft woods over 10 times as strong.

BY DAVID BROESMAN FEB 9, 2018



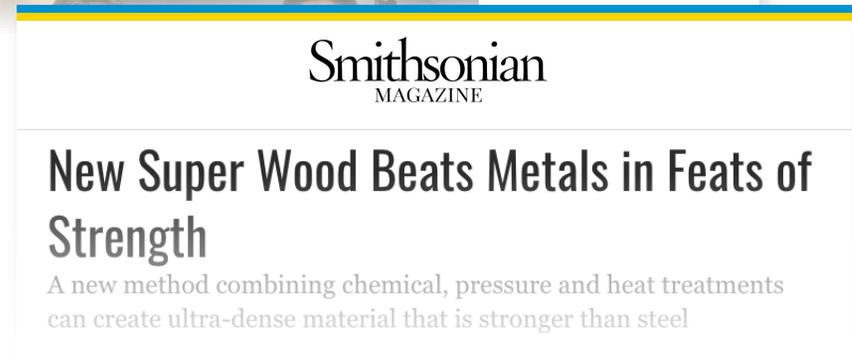
MOTORTREND News Reviews Find A Car Watch Cool Stuff Shop

Home / News / Wood-Be Weight Savior - Technologue

Wood-Be Weight Savior - Technologue

The next big light/strong material grows on trees

SEE ALL 4 PHOTOS



Smithsonian MAGAZINE

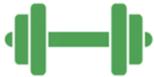
New Super Wood Beats Metals in Feats of Strength

A new method combining chemical, pressure and heat treatments can create ultra-dense material that is stronger than steel

MettleWood Creation Process

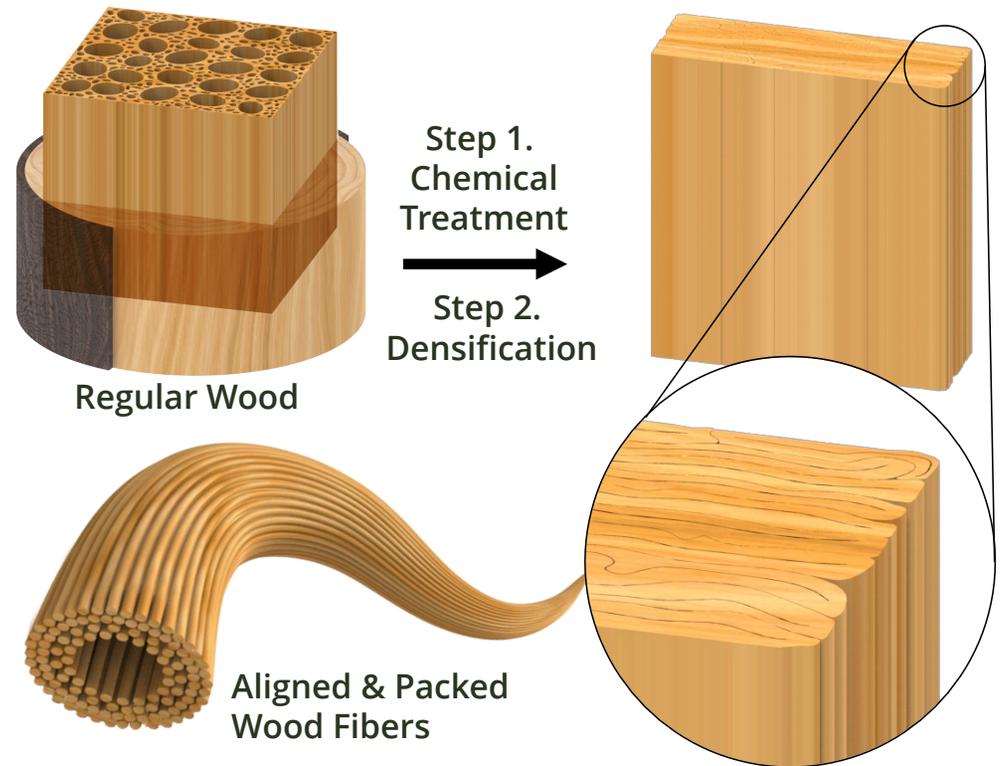
Efficient, low-cost, sustainable

MettleWood vs. regular wood:

 20x
Strength

 15-20x
Stiffness

 Moisture, fire, and
termite resistant



Why MettleWood?

Clear benefits

Compared to structural steel, MettleWood is:

80%
Lighter

50%
Cheaper*

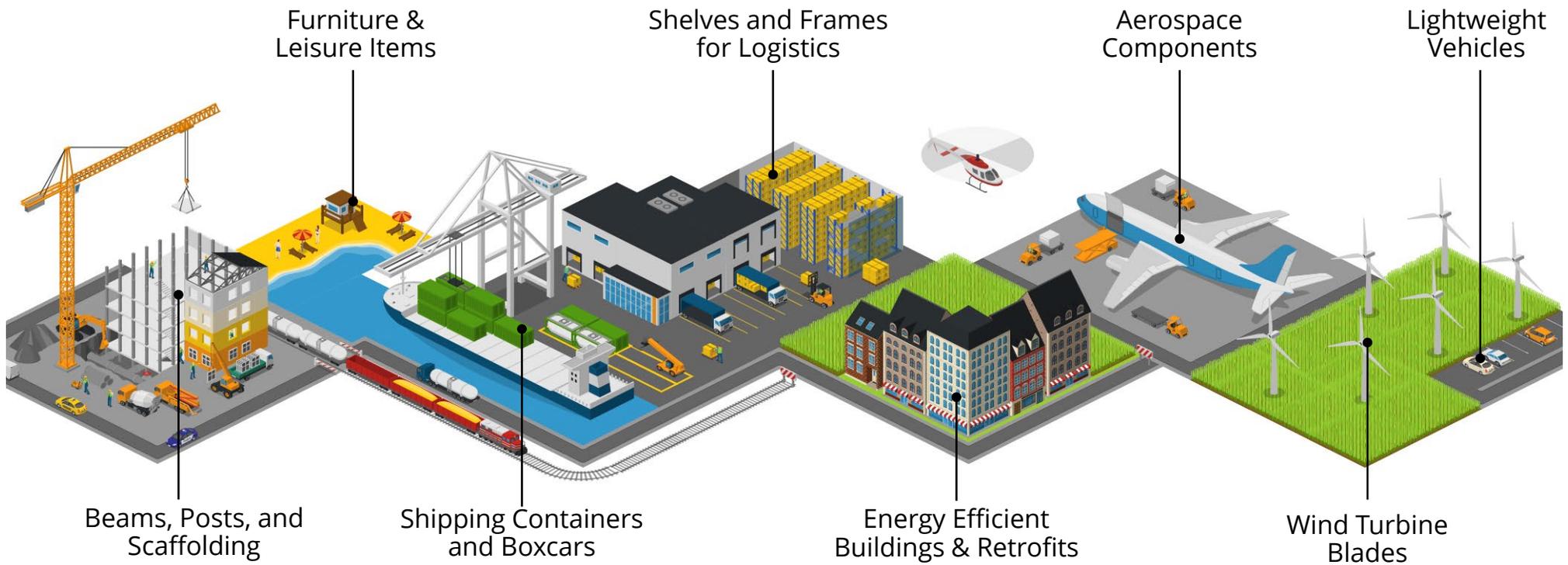
Zero
Emissions**

* Cost target; final costs may vary on a number of factors

** Assumes green energy (i.e. zero emissions) is used in production and transport

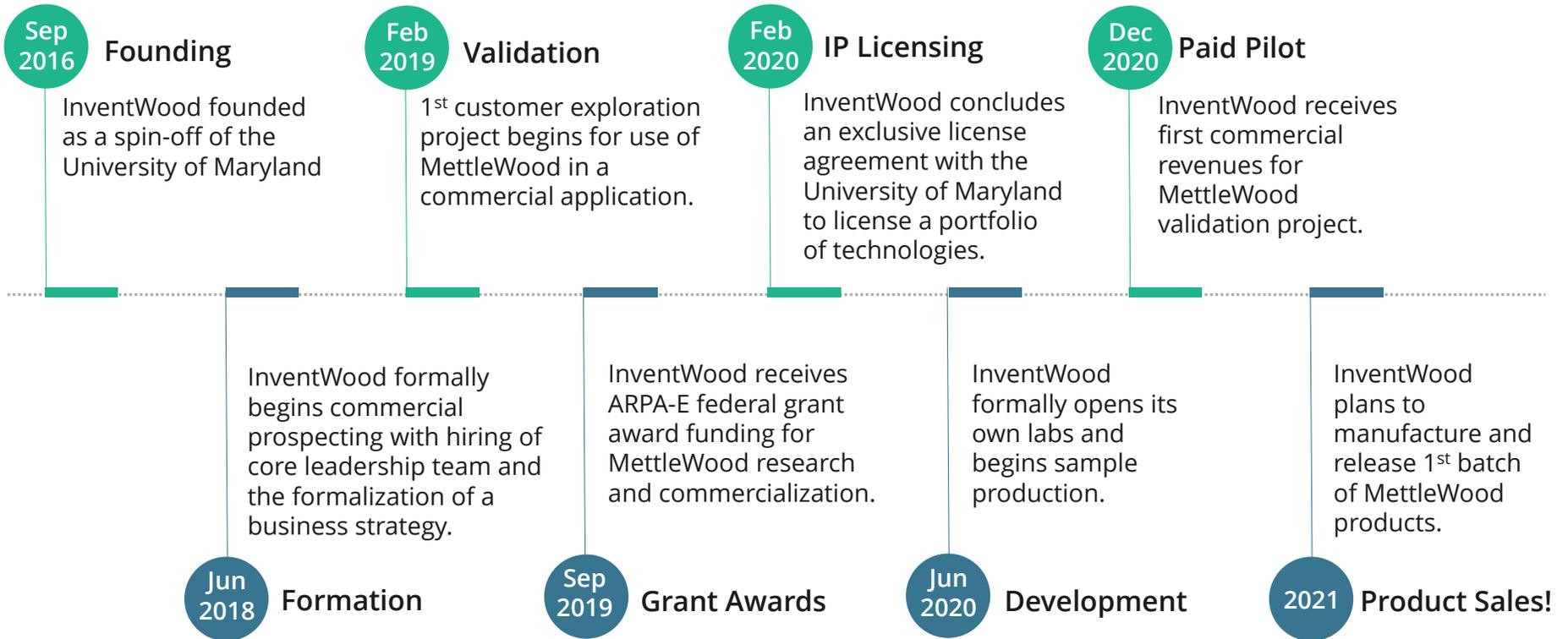
Unlimited Potential, Countless Applications

Real-world possibilities for MettleWood



InventWood's Timeline

Progress toward widespread adoption



InventWood Team

Focused, experienced, and innovative



Liangbing Hu*
Ph.D.
Founder



Josh Cable
CFA
CEO



Amy Gong
Ph.D.
CSO



Jiaqi Dai
Ph.D.
CTO



Liza Pikus
MBA
VP, Strategy

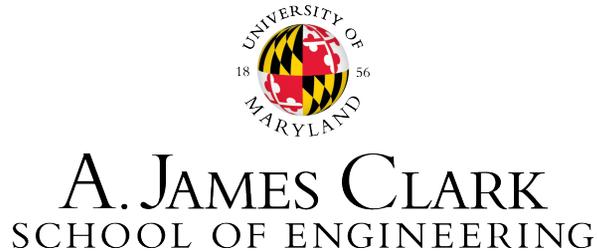


Soo-Hwan Jang
MSc.
Materials Engineer

** Non-employee equity shareholder*

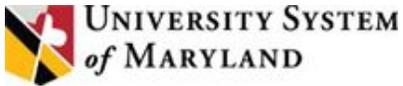
University of Maryland Resources

It takes a village!



Thank you!

For additional inquiries, please contact
info@inventwood.com



BOARD OF REGENTS

**SUMMARY OF ITEM FOR
INFORMATION**

TOPIC: Fearless Ideas for Transformational Impact - Supporting Companies like InventWood

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: Thursday, March 25, 2021

SUMMARY: Julie Lenzer, Chief Innovation Officer at the University of Maryland, College Park, will provide information about supporting startups based on intellectual property, such as the featured startup, InventWood. Ms. Lenzer will provide detailed examples of UMD efforts to commercialize technology, nurture new venture creation and growth, such as in the case of IonQ, which plans to go public soon.

ALTERNATIVE(S): This item is for information purposes.

FISCAL IMPACT: There is no fiscal impact

CHANCELLOR'S RECOMMENDATION: n/a

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Tom Sadowski 410-576-5742
tsadowski@usmd.edu



**Activating Fearless Ideas for Transformational Impact
Supporting Companies like Inventwood**

Julie Lenzer, Chief Innovation Officer
jlenzer@umd.edu



UNIVERSITY OF
MARYLAND

Office of the Chief Innovation Officer



FEARLESS IDEAS

Over 60 programs* across campus

7 in entrepreneurship¹



#13 in innovation impact²



#28 worldwide in issued patents³



Maryland Technology Enterprise Institute



*See appendix for complete list with links



FEARLESS IDEAS

1 – 2020 Princeton Review and Entrepreneur Magazine
2 – The Innovation Impact of US Universities, GWB Institute
3 – National Academy of Inventors

Specifically for spin-offs...

- Startup Resource Guide startupguide.umd.edu
- Business Fundamentals for Scientists
 - in 2020: 72 workshops
 - >1,600 attendees
 - 360 YouTube channel views
- 4 EiR's, 3 Site Miners, I-Corps
- > \$8M in MII funding
- Maryland Momentum Fund invested in 6 UMD spin-off's
- 7 listed in MD Governor's Future 20



Startup story: Inventwood



18 invention disclosures, **34** pending US and intl patent apps

3 US patents issued and licensed,

UMD patent expenses for licensed portfolio: **over \$300K**

Staff hours expended: > 1,700

‘Startup’ deal terms - minimal cash up front, payment plan for IP reimbursement, shared risk



Startup story: IonQ



22 invention disclosures, 75 patent applications

UMD patent expenses for licensed portfolio: **\$0**

Hours expended: >3600

License terms heavily favor company

Significant investment in real estate improvement

65 jobs created
\$88M raised pre IPO



FEARLESS IDEAS

Startup story: Ion Storage Systems



32 invention disclosures

22 US and International patents issued and licensed

UMD patent expenses for licensed portfolio: over **\$400K**

Hours expended: >4500

'Startup' deal terms - minimal cash up front, payment plan for IP reimbursement, low royalties

12 jobs created

>\$12M R&D grants

\$8M raised



FEARLESS IDEAS

Bottom Line

- It takes time and resources to see success
- Investible IP is foundational for startup success
- For every 'success' there are 10 others, all requiring similar resources
- Diversity of technologies requires more and varied resources (*ecosystem breadth, alumni outreach*)
- MII and Momentum Fund are strong assets, but many companies need **more** and **earlier** capital

APPENDIX



UMD Innovation / Entrepreneurship Programs

(find all via innovate.umd.edu)

[Academy for Innovation and Entrepreneurship \(AIE\)](#)
[AgEnterprise Challenge](#)

[School of Architecture Fabrication Lab \(FabLab\)](#)
[Bitcamp](#)

[Booklab \(English Department Makerspace\)](#)

[Business Fundamentals and Scientists Workshops](#) (run by UM Ventures)

[Center for Social Value Creation \(CSVC\)](#)

[Chesapeake Bay Seed Capital Fund \(Mtech\)](#)

[Consult Your Community](#) (student consulting group)

[Contrary](#) (a student-run venture capital group)

[Corprenect \(Mtech\)](#)

[Dingman Center for Entrepreneurship](#)

[Dingman Center Angels](#)

[Discovery District](#)

[Do Good Institute](#)

[Do Good Accelerator](#)

[Do Good Ambassadors](#)

[Do Good Challenge](#)

[Ed Snider Center for Enterprise and Markets](#)

[enTERPreneur](#) (student entrepreneurship club)

[Faculty and Graduate Student Startup Guide](#)

[Global Consulting Fellows](#) (run by Center for Global Studies in Smith School)

[Gold Public Health Innovation Award](#)

[Graduate Innovation Fellowship](#) (run by AIE)

[Hinman CEOs Program](#)

[Honors College Entrepreneurship & Innovation Program \(EIP\)](#)
[I-Corps](#)

[Innovation and Entrepreneurship Minor](#) (run by the Smith School)

[Innovation Catalyst Program](#)

[Innovate Maryland Consulting Practicum](#) (run by CSVC)

[iSchool iConsultancy Experiential Learning Program](#)

[John and Stella Graves Makerspace](#)

[Ladies First](#) (run by Dingman)

[Makerspace Initiative \(MSI\)](#)

[Maryland Center for Humanities Research](#)

[Maryland Energy Innovation Accelerator](#)

[Maryland Global Consulting Fellows](#) (run by the Smith School)

[Maryland Industrial Partnerships Program \(MIPS\)](#)

[Maryland International Incubator](#) (on hiatus)

[Maryland Momentum Fund](#)

[Maryland Small Business Development Center](#)

[Master of Professional Studies in Technology Entrepreneurship](#) (Mtech)

[Michelle Smith Collaboratory for Visual Culture](#)

[Minor in Technology Entrepreneurship \(Mtech\)](#)

[MAVRIC](#)

[Mtech Ventrues](#)

[Peer Innovation Coach Program](#) (run by AIE)

[Pitch Dingman Competition](#)

[QUEST Honors Program](#)

[Singh Sandbox](#)

[Social Innovation Fellows](#) (on hiatus)

[Southern Management Leadership Program](#) (formerly the Hillman CEOs)

[Startup Shell](#)

[Startup UMD](#)

[STEM Library](#) (makerspace)

[Sustainability Fund](#)

[Technica](#)

[TechPort](#)

[Terp Entrepreneur Network \(TEN\)](#)

[Terps Makeathon](#)

[Terp Startup Accelerator](#) (run by Dingman)

[Terrapin Development Company](#)

[Terrapin Innovation Network](#)

[Terrapin Works](#)

[UM Ventures, College Park](#)

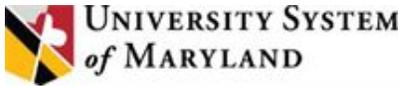
[UMD American Marketing Association RedBlack](#)

[Consulting](#) (student consulting group)

[Virtual Business Information Center](#) (part of UMD Libraries)



FEARLESS IDEAS



BOARD OF REGENTS

SUMMARY OF ITEM FOR
INFORMATION

TOPIC: Corporate Training and Development

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: Thursday, March 25, 2021

SUMMARY: A recent presentation to the Board of Regents by Deloitte indicated that, while “traditional higher education” still accounts for a very large portion of the U.S. educational market segments, the demand for corporate learning and development—as well as new strategies for learning and credentialing at scale—is growing rapidly.

The USM is well-poised move into these new market segments after several years of work led by the Kirwan Center in the areas of alternative credentials, MOOCs, and corporate partnerships. Additionally, UMGC and UMBC have been leading efforts to create a more systematic approach to addressing corporate learning and development needs in the region. However, transitioning to full-service offerings of customized learning opportunities for corporate clients will require a paradigm shift in the way higher education thinks about its customer base, marketing, staffing, content, pedagogical and instructional design approaches, and business models.

The Kirwan Center’s Director will update the Economic Development and Technology Commercialization Committee on the groundwork that has been done to date, discuss ideas for how to chart a path forward, and share plans to engage system institutions in exploring corporate training and development opportunities.

ALTERNATIVE(S): This item is for information purposes.

FISCAL IMPACT: There is no fiscal impact

CHANCELLOR’S RECOMMENDATION: n/a

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Tom Sadowski 410-576-5742
tsadowski@usmd.edu

**WILLIAM E. KIRWAN
CENTER FOR ACADEMIC
INNOVATION**



**UNIVERSITY SYSTEM
of MARYLAND**



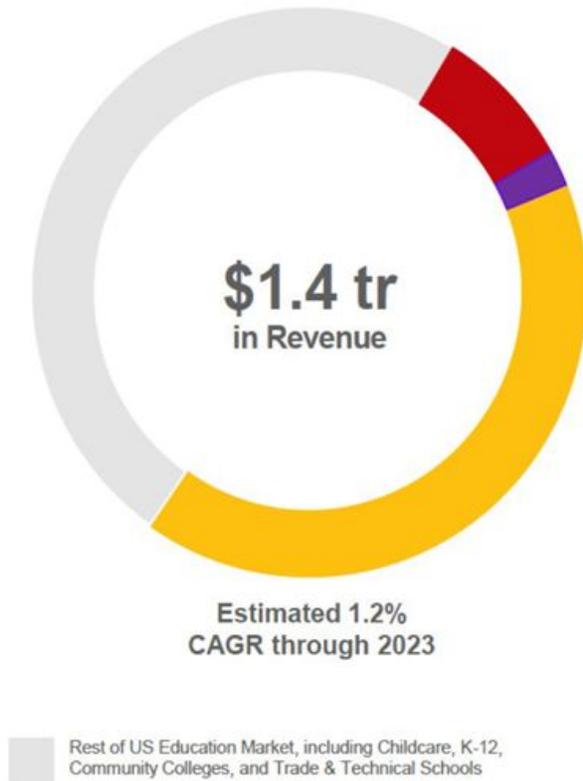
BADGING ESSENTIAL SKILLS *for* TRANSITIONS



GREATER WASHINGTON PARTNERSHIP

FROM BALTIMORE TO RICHMOND
FOSTERING UNITY
ADVANCING GROWTH

U.S. Educational Market Segments



Traditional Higher Education

\$580bn (non-profit) & \$16bn (for-profit)

Includes non-profit and for-profit public and private universities and colleges in the U.S that offer academic courses and grant bachelors, graduate, and doctoral degrees. *...and certificates!*



Corporate Learning & Development

\$92bn

Includes providers in the training market and learning services market in the U.S. that offer in-person and online courses to corporations and enterprises.



MOOCs & OPMs¹

\$4bn

Includes Massive Open Online Course providers and Online Program Management providers in the U.S. that offer courses, microcredentials, and fully-online degree offerings. *Strategies for learning and credentialling at scale.*



Figures are based on 2020 Market Size estimates; 1. MOOCs: Massive Open Online Courses, OPMs: Online Program Management



usmX

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BALTIMORE CAMPUS

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SOLUTIONS | COMMUNITY COLLEGE PARTNERS | EMPLOYERS | FEDERAL TRAINING OFFICERS | PROCUREMENT

Solutions | Corporate Learning Solutions

Corporate Learning Solutions

UMBC's Corporate Learning Solutions can enrich your organization's existing workforce and cultivate organizational excellence.

To offer continuing, career-focused education, you can identify emerging leaders and aid in employee productivity, retain crucial employees, and increase your organization's value and

Academy of Degrees and Certificates

10 degrees, specializations, and certificates, most available entirely online, available online in Maryland, D.C., and Virginia. Our programs are mapped to job roles to help employees make their very first classes. With a wide range of programs, including **cyber security**, **healthcare safety**, and **business administration**, UMGC has you covered.

Business Outcomes

Our business outcomes. Our consultants will work cooperatively with your organization to design a plan by developing pipelines of qualified employees and planning for succession.

Business Partners

- Corporate Learning Solutions
- Community College Partners
- Employers
- Federal Training Officer Resources
- Procurement

In Good Company

UMGC works with many clients to serve their education needs. Our alliances span a full range of organizations, including the **Federal Government**. Here are just some of the companies that have joined forces with UMGC.

- Boeing
- Booz Allen Hamilton
- Baltimore Police Department
- CSX
- Federal Government
- GEICO
- Jiffy Lube
- Leidos
- Lockheed Martin

CHAT

UMBC TRAINING CENTERS | For Individuals | For Organizations | Course Schedule | Course Catalog | Student Resources | About Us | Search | CC

Home > Training Centers > About Us > Overview

OVERVIEW

UMBC Training Centers is a premier provider of professional and technical training for individuals, businesses, non-profit organizations and government agencies. UMBC Training Centers is a part of the University of Maryland, Baltimore County (UMBC) and is organized as a not-for-profit organization owned by UMBC.

UMBC Training Centers programs are non-credit and UMBC Training Centers students do not require academic admissions to UMBC.

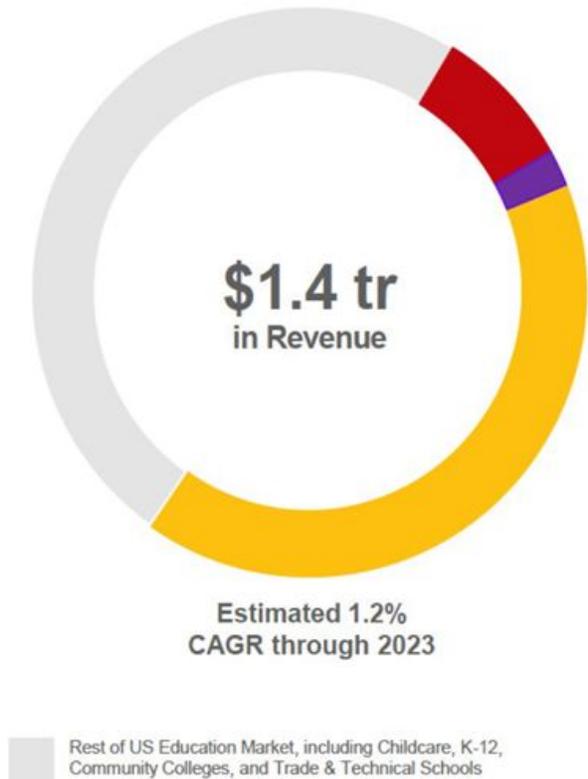
MISSION

Our mission is to improve the professional lives of students and the performance of organizations through the delivery of high quality education and training services.

CORE VALUES

- Education
- Academic quality
- Customer focus and customer satisfaction
- Employee satisfaction
- Professionalism
- Teamwork

U.S. Educational Market Segments



Traditional Higher Education

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Strategies for learning a credentialing at scale.



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Who are Our Customers?

Now and in the future...

Individuals

Seeking Degrees and/or Certificates

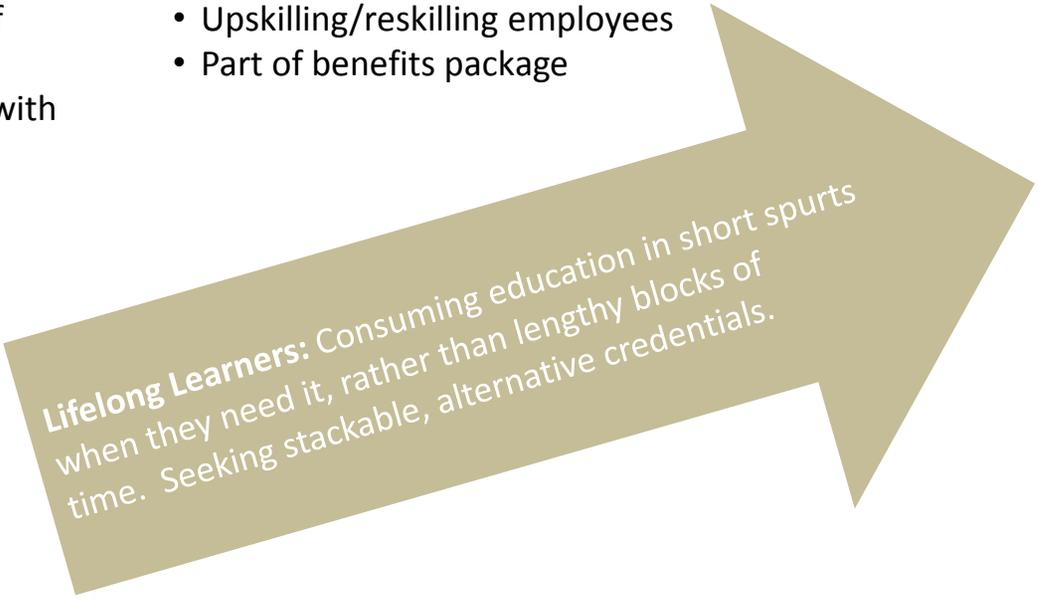
- "Traditional" 18-year-old students <5 years out of high school
- Adult learners >5 years out of high school (likely with work or military experience)

Seeking alternative credentials (could be on Degree/Cert path)

- Unemployed seeking upskilling
- Employed seeking upskilling

Corporate /Non-profits/Government

- Purchasing in "bulk"
- Upskilling/reskilling employees
- Part of benefits package



Lifelong Learners: Consuming education in short spurts when they need it, rather than lengthy blocks of time. Seeking stackable, alternative credentials.

Questions?

mjbishop@usmd.edu

<http://www.usmd.edu/cai/>



BOARD OF REGENTS

SUMMARY OF ITEM FOR ACTION
INFORMATION OR DISCUSSION

TOPIC: USM Office of Economic Development Update

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: Thursday, March 25, 2021

SUMMARY: Vice Chancellor Sadowski will provide an update on activities of the USM COVID Research & Innovation Task Force and discuss relevant state legislative activity, along with a brief Momentum Fund update due to the recent investment in the University of Baltimore-affiliated company Dynamhex.

ALTERNATIVE(S): This item is for information purposes.

FISCAL IMPACT: There is no fiscal impact.

CHANCELLOR’S RECOMMENDATION: n/a

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Tom Sadowski 410-576-5742
tsadowski@usmd.edu

USM Economic Development

*Briefing for USM Economic Development and
Technology Commercialization Committee*

February 4, 2021





USM Economic Development *Agenda*

- **COVID-19 Task Force Activity**
- **Legislative Activity**
- **Momentum Fund**



USM COVID Research & Innovation Task Force

Ongoing and Forward Initiatives

USM Long-Term Strategy Workshop: Results of two-session internal/external expert discussions have been summarized and are under discussion.

- Anticipate completed final USM Pandemic Preparedness report this Spring 2021

Bioproduction and Vaccine Development Strategy: Working with the Governor's Life Science Advisory Board (LSAB), MD Commerce and MD Tech Council on comprehensive strategy to develop MD's bio-manufacturing, vaccine development, medical supply chain and related workforce capacity; exploring federal funding and industry partnership opportunities.

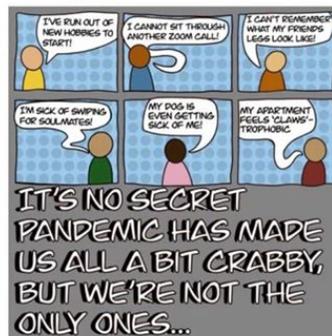
- Engaged in talent supply / demand analysis, skill-set determination, and related workforce training needs

Connected DMV Pandemic Center Response Initiative Partnership: USM is lead academic partner in regional strategic planning and federal funding pursuit effort.

- Currently working on Pandemic Center HQ location and federal funding advocacy for strategic preparedness initiatives

USM COVID Research & Innovation Task Force

Public Health Communications Challenge



Encouraging Marylanders experiencing “COVID fatigue” to remain vigilant, maintain sound public health practices and good hygiene, and when available, to get vaccinated. [Winners here!](#)

Blue Crab Hero Campaign

Chelsea Fowler
Graduate Student
University of Maryland Center for Environmental Science





USM COVID Research & Innovation Task Force

Encouraging Industry Partnerships

- [RNA Disease Diagnostics](#) is licensing UMB/UMBC intellectual property to develop a high-performing COVID-19 test that doesn't have to be sent to the lab.
- [Smith's Detection](#) (formerly PathSensors) adapted a commercial instrument to identify COVID particles from an air sample. They are piloting a program with UMBC to allow their EHS department to test sensitive areas, monitor labs where people are working, and test the air post sanitation. They are looking for additional partnerships to understand if the ability to identify airborne COVID can help businesses and universities get back to normal faster.
- [BubbleLized Technologies](#) is looking to bring multiple new, innovative commercial-ready and vetted technology solutions for COVID-19 but also for future disease control challenges, including future pandemics. They are looking to understand challenges in getting back to normal, especially where widely-available/standard technologies are insufficient.



USM Legislative Update

Direct USM Impact – Place Making, Tech Transfer / Commercialization, Research Partnerships, New Venture Creation and Workforce Development

- **RISE Zones:** [HB1279](#) ([SB0778](#)) Change to matching funding for rental assistance.
- **TEDCO:** [SB0639](#) Inclusion Fund; [HB1211](#) Pre-Seed Builder; Enhanced MII support [HB1169](#) ([SB0802](#)) naming Frostburg State & [SB0732](#) naming Bowie State and Salisbury
- **Western MD/TEDCO:** [SB0709](#) Pilot tech infrastructure program
- **MTIP:** [HB0307](#) and Lower GPA req.; [HB1215](#) incl. non-profits, humanities
- **SBDC:** [2020 veto override [SB0493](#)] Adding funding; SBDC in COVID-19 bill [HB1014](#) ([SB0772](#))
- **E-Novation:** [2020 veto override [SB0465](#)] Extension, adjustments
- **Clean Energy:** [HB0419](#) ([SB0460](#)) Adding funding for Maryland Energy Innovation Institute
- **Cyber:** [SB0902](#) Cyber Workforce Program and Fund
- **West North Avenue Development Authority (incl. Coppin State):** [HB1293](#) ([SB0783](#))
- **Modification of U. of Md. Strategic Partnership Act of 2016 (UMB/UMD):** [SB0943](#)

Green Text = Bill has been sent to the opposite chamber as of 3/22



USM Legislative Update

Indirect USM Impact - Economic Development

- **Department of Small Business, Entrepreneurship, and Innovation:** [HB0062](#)
Establishes this new department, using parts of MD Commerce and MD Labor and all of the Governor's Office of Small, Minority, and Women Business Affairs.
- **Manufacturing:** [HB0443/SB0577](#) Makerspace bill incl. Western Maryland Works and Baltimore's OpenWorks. [SB0444/HB0658](#) **Manufacturing in a Digital Economy.**
- **Investment Tax Credits:**
 - [SB0019](#) Biotech. Lowers % back to investor; limits how much any one company can benefit in a given year and over time.
 - [SB0160](#) Cyber. Expands to "innovation" across certain industries (except biotech), determined by the Maryland Economic Development Commission after consulting with DOL. Allows three years of participation, up from one. Extends until 2025.
 - [HB0360/SB0246](#). Angel tax credit.
- **Other Tax Credit Modifications:** [SB0196](#) R&D credit; [HB0278](#) job creation
- **SBIR:** [HB0654](#) incentive proposed; [SB0459](#) assistance bill modification

Green Text = Bill has been sent to the opposite chamber as of 3/22

Maryland Momentum Fund

Dynamhex Investment

- The Dynamhex platform uses artificial intelligence to give carbon emission reduction recommendations that are personalized to each customer.
- Already, Dynamhex has provided data to Duke Energy, Constellation Energy, the National Resource Defense Council, and their clients.
- \$250,000 investment as part of a \$1.5M seed round, which includes Intelis Capital, the Exelon Climate Change Investment Initiative, the Chesapeake Bay Seed Capital Fund (funded by MD DNR and administered by UMCP), and KCRise Fund.
- First University of Baltimore-affiliated company to receive Momentum Fund investment. Dr. Sunny Sanwar is a Professor of Entrepreneurship.



Momentum Fund Investments

