MARYLAND TECH COUNCIL

2017-18 YEAR IN REVIEW



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MTC MISSION **STATEMENT**

At the Maryland Tech Council, we believe in saving lives, securing our nation and improving the quality of life through innovation.

We support our member companies who are driving innovation through advocacy, education, workforce development, cost savings and connecting entrepreneurial minds.

MTC VISION STATEMENT

The Maryland Tech Council's vision is to position Maryland as a top-three innovation economy for technology and life sciences as well as becoming the next "Silicon Valley" for these two industries.

Influence public policy to create a favorable business climate for industry companies to thrive and grow.

3

Foster strategic partnerships with state and local stakeholders to position Maryland as the top location for technology and life sciences businesses.



Connect leaders at emerging companies with established industry mentors to help technology and life sciences startup companies grow faster.



Provide cost savings and valuable resources for our members to help them reach their full potential as vital members of their communities.

LEARN MORE ABOUT THE MARYLAND TECH COUNCIL AT WWW.MDTECHCOUNCIL.COM



MARYLAND TECH COUNCIL YEAR IN REVIEW MTC STRATEGIC PRIORITIES



Promote incentives, grants, tax credits and funding programs available through government, venture capital and angel funding sources.



Support partnerships between world-class educational institutions, technology and life sciences companies, entrepreneurs, and business service companies to accelerate innovation and job creation.



Increase cross-pollination of technology and life sciences communities through major events, seminars and member exclusive opportunities.



2017-18 ADVOCACY SUCCESSES

We worked countless hours, attended hundreds of meetings, met weekly with our Legislative Committee and formed a 42 organization Legislative Coalition to protect and promote your business. Last session we accomplished:



inMD Internship Platform Successfully getting allocations to roll out inMD Statewide Internship in the Governor's proposed budget for 2019.

Successfully passing HB 527 Higher Education

provide Maryland companies reimbursement

for up to lesser of 50% or \$3000 per student

that completes an internship.

- Maryland Technology Internship Program - to



BIO Investor Tax Credit Defeated legislation that would put this program at risk.

R&D Tax Credits Defeated legislation that would significantly reduce the amount of credit that goes to many

of our companies in R&D in the state.

Director Liability

Defeated legislation that would have prevented Maryland companies from attracting directors to their boards.

Metro Funded



Assisted in getting the Metro funding bill passed to help with transportation to get employees to and from work.

ADVOCACY EFFORTS AIMED AT DEFEATING HOUSE BILL 1179/SENATE BILL 1023

Issue: Oppose drug price legislation that would have threatened Maryland jobs and the environment that makes innovation in the state possible. This legislation would have impeded patient access to care by undermining competition, disrupted drug product availability due to onerous and unproductive reporting requirements, and stifled investment in the Maryland innovation economy.

- Life science voices heard over 2,500 letters sent and phone calls made to legislators and hundreds of advocates across Maryland.
- Building on last year's success, the Maryland Tech Council developed a network of nearly 7,000 total advocates, based on shared concerns around Maryland's innovation economy and the patients who rely on it. More than 500 of these advocates made direct contact with their elected officials, urging them to oppose dangerous pricing legislation.
 Created a series of videos highlighting Maryland Tech Council leaders that were deployed in various, targeted ways throughout the campaign, including:
- Targeted digital ads were run to active Maryland consumers in the districts of key elected officials who had the most control over the bill. Over the course of the campaign, these efforts resulted in every member of the Senate AND House committees receiving multiple letters from their constituents opposing this bill.
- Advocated as part of ongoing legislative efforts: Created additional videos for future use - both internally to inform members, and externally to educate policymakers about complicated policy issues in ongoing advocacy efforts.
- Strategic media outreach, including a piece in Center Maryland urging opposition to the bill in the days leading up to its final hearing. The article has garnered over 700 hits, and was featured as the top story for Center Maryland's daily morning newsletter the week before the bill's final hearing.

MAINTAINING MOMENTUM INTO 2019:



Continuous Advocate Engagement and Legislator Education

The Maryland Legislature is responsive to efforts to educate lawmakers about the overwhelming benefits of the life sciences and technology industries as well as the innovation economy. The Maryland Tech Council will work with advocates to continue sharing this message.

Turning Maryland Tech Council Members into Bioscience Ambassadors

The Maryland Tech Council's best advocates are the bioscience members committed to developing world-class patient solutions in Maryland. MTC will educate members about the importance of advocacy and equip them to be effective life sciences champions.

Successfully passing SB228 Cyber Security Incentive Tax Credits, giving tax credits to investors in cyber security companies each year and tax credits to purchasers of cyber

solutions in tax credits each year through



Biotechnology

Internships

Cyber

2022.

Successfully defeated pricing legislation and reporting legislation that would significantly harm the biotech industry.

LEARN MORE ABOUT ADVOCACY AT WWW.MDTECHCOUNCIL.COM

- Developing a consistent drumbeat of social media posts, including live-tweeting multiple legislative hearings for the bill and posts that engaged key legislators to urge them to oppose the measure.
- Influenced Policymakers: Delivered video ads promoting educational content to an influential target audience, using geo-fencing to specifically target those within a one-square mile radius of the state house and using job-title targeting to find key policymakers, their staff, and other influencers in Annapolis. These videos had 5,315 views and 27,799 impressions among our very narrow key audiences who fit the target profile
- Informed Maryland Tech Council Members about the Issues: Launched a video series, "MD Tech Council Explains," that provided context and information for Maryland Tech Council members about legislatively significant concepts, such as the role regulation has on undercutting innovation





Elevating the Unique, Authoritative Voice of MTC

The Maryland Tech Council has a unique voice as both an innovative leader and a patient advocate. MTC will continue to establish its reputation as a thought leader in championing the contributions of the life sciences and technology industries.



MARYLAND TECH COUNCIL YEAR IN REVIEW

2017-18 **PROGRAM OVERVIEW**



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ATTENDEES







36

SPEAKERS





VIEW ALL UPCOMING EVENTS AT WWW.MDTECHCOUNCIL.COM



MARYLAND TECH COUNCIL ANNOUNCES WINNERS OF THE 30TH ANNUAL INDUSTRY AWARDS

The Maryland Tech Council announced the winners of our 30th Annual Industry Awards during a celebration and ceremony at The Hotel at the University of Maryland attended by more than 550 business leaders from around the state. We are proud to honor this year's winners for their relentless dedication to the life science and technology industries in Maryland.

THANK YOU TO THE EVENT SPONSORS

- Award Sponsors MedImmune, Baird, BDO, JLL, Pillsbury, Scheer Partners, UBS Financial Services and VWR
- Gold Sponsors American Gene Technologies, BioMarker Strategies, Biotechnology Innovation Organization, Cordia Partners and Resources, Houlihan Lokey, Iron Bow Technologies, Montgomery College, Novavax, Paragon Bioservices, Sanaria, Social & Scientific Systems and University of Maryland
- Silver Sponsors Expedient and Johns Hopkins University
- Launch Party Sponsor VariQ
- Finalist Reception Sponsor UBS Financial Services
- STEM Scholarship Sponsor Alexandria Real Estate Equities
- Innovation for Impact Prize Sponsor SoBran BioScience

MARYLAND TECH COUNCIL YEAR IN REVIEW

STEM SCHOLARSHIP AWARD

- Ryan Hong, Middletown High School Olivia Stephens, Damascus High School .
- Dayja Young, Charles Herbert Flowers High School

VMS MENTEE COMPANY OF THE YEAR Remedy Plan Therapeutics

INNOVATION FOR IMPACT PRIZE

Dr. Emily English, Chief Operating Officer, Gemstone Biotherapeutics

HARVEY D. KUSHNER INNOVATION AWARD BroadSoft

STEM EDUCATOR OF THE YEAR

Brendan Gallagher, Teacher, Carroll County Career & Technology Center

EMERGING COMPANY OF THE YEAR RightEye

GOVERNMENT CONTRACTING COMPANY OF THE YEAR CNSI

FINANCIAL EXECUTIVE OF THE YEAR Laurence Zuriff, Chief Financial Officer, Xometry

TECHNOLOGY COMPANY OF THE YEAR Sonatype

LIFE SCIENCE COMPANY OF THE YEAR Paragon Bioservices

CHIEF EXECUTIVE OFFICER OF THE YEAR John Shetrone, President and Chief Executive Officer, Vision Technologies

2017-18 **EVENTS**

lulv 19, 2017

YOUNG PROFESSIONALS SOCIETY **BALTIMORE MEET UP** Bi-monthly Young Professionals Society happy

hour at Points South Latin Kitchen in Baltimore.



August 10, 2017 SUMMER PICNIC

What's better than a 3-hour networking event that encourages casual summer attire, eating delicious food, catching up with friends and colleagues, and playing cornhole? The annual Summer Picnic is a casual, fun-filled evening where attendees can relax, network and celebrate with their community of technology, life science and business professionals.

September 27, 2017

A CONVERSATION ON THE EFFICACY AND FUTURE OF COLLABORATIVE WORK ENVIRONMENTS FOR TECH, **SCIENTIFIC & RESEARCH FACILITIES**

This roundtable event sponsored by Page Southerland Page took a look into the dynamics of small group interaction and how we communicate from the perspectives of proxemics, orientation and spatial typology. Attendees also learned how these elements will continue to shape and influence the way in which workspaces and buildings will be organized in the future. Speaker: Lou Krupnick, AIA, LEED AP, Associate Principal/Architect, Page Southerland Page, Inc.

September 28, 2017 YOUNG PROFESSIONALS SOCIETY HAPPY HOUR

Bi-monthly Young Professionals Society happy hour at Brewer's Alley in Frederick.

October 3, 2017

1ST ANNUAL ECONOMIC DEVELOPMENT/ASSOCIATION BOARD NETWORKING

The Maryland Tech Council brought together economic development leaders from BioHealth Innovation, Montgomery County Economic Development Corporation and WorkSource Montgomery for a networking reception.

October 4 2017 MEMBER ORIENTATION

offer and get connected.

Maryland Tech Council's quarterly Member Orientation gives our members the opportunity to meet the MTC staff, introduce your business and



familiarize yourself with the variety of benefits we

October 18, 2017

YOUNG PROFESSIONALS SOCIETY -PATH TO SUCCESS: THE JOURNEY OF SPOTLUCK CEO, CHERIAN THOMAS Young Professionals Society programming event featuring Spotluck Co-Founder and CEO, Cherian Thomas. Attendees heard firsthand from the CEO of one of iTunes' most popular dining apps about his journey to success and what it takes to build and lead a company.

SPEAKER: Cherian Thomas, Co-Founder and Chief Executive Officer, Spotluck

MODERATOR: Evan Seward, Senior Recruiter, Cordia Resources

November 2, 2017 **TECH TASTING**

The Maryland Tech Council's 5th annual Tech Tasting was a fantastic networking event that brought together technology and life science companies with local restaurants, caterers, breweries and wineries.

November 14, 2017

YOUNG PROFESSIONALS SOCIETY **BALTIMORE MEET UP**

Bi-monthly Young Professionals Society happy hour at Mindgrub in Baltimore.

November 15, 2017 NATIONAL APPRENTICESHIP WEEK

NETWORKING BREAKFAST A networking breakfast celebrating Maryland's Workforce Revolution. Attendees gained insight

on modern day apprenticeships and how they can attract and retain talent for their companies.

November 29, 2017

INNOVATION SPEAKER SERIES: OPIOID EPIDEMIC - STATE OF EMERGENCY

Opioid misuse and addiction is an ongoing and rapidly evolving public health crisis. Millions of Americans suffer from opioid use disorder, and millions more suffer from chronic pain. Dr. Wilson Compton of the National Institute on Drug Abuse spoke about the urgency and scale of this epidemic and the existing research and innovative medications being used to treat opioid addiction. SPEAKER: Dr. Wilson Compton, MD, MPE, Deputy

Director of the National Institute on Drug Abuse of the National Institutes of Health

MODERATOR: Jaimee Reiley, Pharm.D., Senior Director, Field Medical Affairs, Pfizer

December 7, 2017

BLACK & WHITE AFFAIR

Maryland Tech Council's exclusive holiday party at Horseshoe Casino in Baltimore.

December 12, 2017

UP IN SMOKE - A DISCUSSION ON MARYLAND'S MEDICAL CANNABIS INDUSTRY

Panelists Sterling Crockett of AGRiMED Industries and Stacey Udell of HBK Valuation Group lead a discussion on Maryland's burgeoning medical cannabis industry, examining all stages of the industry

SPEAKERS: Sterling Crockett, Chief Executive Officer, AGRiMED Industries

Stacey Udell, Director of Valuation and Litigation Services, HBK Valuation Group

MODERATOR: Douglas White, Managing Director, Glass Jacobson Financial Group

January 4, 2018

A CEO AND PRESIDENT RECEPTION

An exclusive networking reception to celebrate the accomplishments of Maryland with Maryland Tech Council's top CEOs and Presidents.

January 11, 2018

INDUSTRY AWARDS CELEBRATION LAUNCH PARTY

The Industry Awards Celebration Launch Party kicked off the nomination process for the Industry Awards Celebration. The Launch Party is a great opportunity for companies to meet the IAC nominations committee and former awards finalists to learn more about the nominations and awards process.

January 18, 2018

ADVOCACY SUMMIT: ISSUES IMPACTING PATIENT ACCESS TO HEALTHCARE -MARYLAND 2018

Maryland lawmakers, patient and provider advocacy organizations, and leaders from the biotechnology industry came together for a first of its kind summit focusing on education around the issue of drug pricing and the impact of legislation on innovation and patients.

SPEAKERS: The Honorable Michael Busch, Speaker of the Maryland House of Delegates

Brad Stewart, Chairman, Bio Board, Maryland Tech Council

Delegate Eric Bromwell (District 8, Baltimore County), Vice Chair, Health & Government **Operations** Committee

Dr. Robert Popovian, VP U.S. Government Relations, Pfizer, Inc.



LEADERSHIP DINNER

Maryland Tech Council's policy and leadership dinner that connects business leaders from the technology and life science communities with policymakers in Annapolis. SPEAKER: Governor Larry Hogan

February 14, 2018

INNOVATION SPEAKER SERIES: MISSION BBQ - A BUSINESS WITH MEANING AND PURPOSE

Bill Kraus, co-founder of Mission BBQ told his inspiring story of two entrepreneurs who followed their passion and created a business with a purpose while giving back to those who serve our community. He shared the journey of Mission BBQ, how to build a strong brand, start-up challenges, and the process of entrepreneurship. SPEAKER: Bill Kraus, Co-Founder, Mission BBQ

February 15, 2018 COMMERCE

The Maryland Tech Council's first International Series event gave insight into how the Maryland Office of International Investment and Trade supports Maryland companies that are looking to enter new foreign markets or advance their export sales

SPEAKERS:

Brian Castleberry, Regional Manager, The Middle East, Africa and Canada, Office of International Investment Maryland Department of Commerce Michael Howley, Regional Manager, Latin America Office of International Investment and Trade Maryland Department of Commerce

February 21, 2018 **BIOHEALTH CAPITAL REGION CEO** DINNER

relationships.

March 29, 2018 **EXECUTIVE ROUNDTABLE: WHAT ARE** TOP MARYLAND BUSINESSES DOING DIFFERENTLY?

in Maryland are doing differently. Systems



April 3, 2018 **FOUNDERTRAC FINALE & PITCH DAY** The FounderTrac Pitch Day was the finale to an intensive 12-week accelerator program with 6 different topics, several levels of mentorship and plenty of pitch practice. Investors, judges, partners, collaborators, sherpas, mentors and entrepreneurs gathered to watch the first cohort of 2018 exhibit and pitch their businesses.

lanuary 18, 2018

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INTERNATIONAL SERIES: AN OVERVIEW OF INTERNATIONAL TRADE FEATURING THE MARYLAND DEPARTMENT OF

The BioHealth Capital Region CEO Dinner provided an opportunity for regional CEOs to come together and build long term and valuable

This roundtable event encouraged collaboration with other business leaders on what it takes to be a successful and healthy organization. The discussion focused on top challenges businesses face and what the most successful organizations

SPEAKER: Jeff Elkin, President, Advance Business



April 18, 2018 LIFETIME ACHIEVEMENT GALA MTC's annual Lifetime Achievement Gala

honors those who have exceeded expectations through their career to serve the technology and life science communities. Award recipients display commitment and leadership, both in the field and within their organizations. They have been instrumental in cultivating new ideas and encouraging creativity while demonstrating generosity and compassion, ensuring that their work benefits others.

This year we were proud to honor: Francis S. Collins, M.D., Ph.D., Director, National Institutes of Health

Douglas R. Lowy, M.D., NIH Distinguished Investigator, Lab Chief, Laboratory of Cellular Oncology, Center for Cancer Research, Deputy Director, National Cancer Institute

John T. Schiller, Ph.D., Senior Principal Investigator, National Cancer Institute, Deputy Lab Chief, Laboratory of Cellular Oncology, Center for Cancer **Research National Cancer Institute**

April 23, 2018 **BIOHEALTH CAPITAL REGION CEO** DINNER

The BioHealth Capital Region CEO Dinner provided an opportunity for regional CEOs to come together and build long term and valuable relationships

April 26, 2018 YOUNG PROFESSIONALS SOCIETY HAPPY HOUR

Bi-monthly Young Professionals Society happy hour at Union Jack's in Gaithersburg.

May 2, 2018

INNOVATION SPEAKER SERIES: EMBRACING BLOCKCHAIN TECHNOLOGY

The third installment of Maryland Tech Council's Innovation Speaker Series explored why industries are embracing blockchain, which industries are ripest for this technology and which industries have been disrupted by this technology.

SPEAKER: John Wise, Founder, Chief Executive Officer and Chairman of the Board, Loci

2017-18 EVENTS CONTINUED

May 3, 2018

CXO DINNER

An exclusive networking reception to celebrate the accomplishments of Maryland with Maryland Tech Council's top CXOs.

May 17, 2018 **ANNUAL MEETING**

Maryland Tech Council's Annual Membership Meeting brought together members to elect members of the Board of Directors.



May 17, 2018 INDUSTRY AWARDS CELEBRATION

The 2018 Industry Awards Celebration was Maryland Tech Council's 30th year of recognizing the companies and individuals in the Washington. DC region who are making a difference in the technology and life sciences industries.

May 24, 2018

INTERNATIONAL SERIES: FINANCING YOUR EXPORT SALES TRANSACTIONS AND SECURING YOUR CASH FLOW AND INTERNATIONAL PAYMENT METHODS

The second event in our International Series focused on several topics including: getting paid on your international contracts, trade credit insurance coverage and claim resolutions, foreign currency exchange and exchange risk mitigation, international commercial terms and international logistics and shipments.

SPEAKERS:

Bill Houck, Trade Finance Regional Manager SBA, Office of International Trade, Export Solutions Group Mid-Atlantic Region

Federico Manno, Vice President, Fulton Bank International Banking Group

John Strayhorn, President, Global Insurance Services



May 24, 2018 **CYBER M&A: WHAT'S YOUR NUMBER?**

Attendees gained insight on Venture Capital funding in the region each year and the market for cyber security products and services. They were given the opportunity to speak directly to exiting cyber security company CEOs, Venture Capitalists, and some of the people who help put these deals together.

SPEAKERS: Chris Ahern, Senior Associate, Strategic Cyber Ventures (SCV)

John Belcher, VC/Investor; Tech Company Board Member; Chief Executive Officer, ARINC: Acquired by Carlyle, subsequently sold to Rockwell Collins Newt Fowler, M&A and Securities Attorney, Tech CEO, Partner at Womble Bond Dickinson

Ron Gula, VC/Investor; Tech Company Board Member; Founder, Tenable; President and Co-Founder, Gula Tech Adventures

Bill Weber, President and Chief Executive Officer, KevW

Gur Talpaz, Cyber Security Industry Analyst, Stifel MODERATOR: Greg Boucher, President of StrataSource Consulting



May 30, 2018

THE YOUNG PROFESSIONALS SOCIETY PRESENTS: GROWING YOUR BUSINESS **BEYOND THE STARTUP PHASE**

This Young Professionals Society programming event focused on getting business out of the startup phase. Attendees heard from a panel of experts with backgrounds in growing small businesses.

SPEAKERS: Chris Haug, Director of the Columbia, Mid-Maryland Chapter, Startup Grind and Founder & CEO of 360° Strategy Solutions Group Anthony Millin, Start-ups and Venture Capital

Chair, Shulman Rogers

Gorkem Sevinc, Co-Founder and Chief Technology Officer, emocha Mobile Health

MODERATOR: Kate Schwartz, Johns Hopkins University

lune 14, 2018

NAVIGATING THE NEW TAX LAWS FOR MARYLAND BUSINESSES

This discussion explored the new federal tax changes and how they could impact Maryland businesses.

SPEAKERS: The Honorable Peter Franchot, 33rd Comptroller of Maryland

Andrew Schaufele, Director of the Bureau of Revenue Estimates



June 18, 2018

FIFTH ANNUAL GOLF TOURNAMENT

Maryland Tech Council's Fifth Annual Golf Tournament was a fabulous day on the beautiful waterfront setting at Cattail Creek Country Club. Attendees enjoyed raffles, contests and a lot of friendly competition at our memorable day of fun and networking on the links!

lune 21, 2018

HOW TOP MARYLAND BUSINESSES ARE **REDUCING THE RISK OF CYBER ATTACK ON THEIR ORGANIZATIONS**

At this roundtable event sponsored by Advance Business Systems, attendees gained valuable insights on cybersecurity best practices for small to medium sized businesses. Speakers:

Kevin O'Brien, virtual Chief Information Officer (vCIO), Advance Business SystemsWayne Coffey, President, Coffey & Company Edward Tolchin, Principal and Chair of the Government Contracting Practice Group, Bethesda

Office of Offit Kurman

MARYLAND TECH COUNCIL YEAR IN REVIEW MEMBERSHIP **OVERVIEW**

Membership in MTC means that your company is part of a powerful and influential industry organization of dedicated professionals who are driving innovation and supporting the local technology and life sciences industries. MTC actively supports its members with advocacy at the state and local levels, robust educational programs, and most importantly, a supportive environment where members connect, share, and grow.

172 LIFE SCIENCE

> 3 RETIRED •



17 **EDUCATION**



104 ASSOCIATE

MEMBERS





LEARN MORE ABOUT MEMBERSHIP AT WWW.MDTECHCOUNCIL.COM



MTC offers its members as a free benefit, the buying power of the entire industry to deliver deep savings and exclusive services from leading suppliers in vital areas. Each partner has been selected to give every company advantages that might otherwise go only to the very largest companies.

The members only cost savings program, online community, and networking opportunities all make for an excellent ROI and we have the proof. The data charts presented below show an average annual savings of actual program participants.

V	V	V	R	

MTC - VWR Program Savings				
	Year	Disc from List \$	Disc from List %	
	2017	\$101,962	44.4%	
	2016	\$93,342	45.8%	
	2015	\$123,699	43.8%	
	2014	\$131,051	42.6%	
	2013	\$108, 567	41.9%	
	2012	\$99,041	42.1%	

Lab Supplies Spend Range Under MTC-VWR Program	Average Savings Off List Price Under MTC-VWR Program
> \$3M	\$3,179,925
\$2M-\$3M	\$2,195,838
\$1M-\$2M	\$1,097,413
\$500K-\$1M	\$585,697
\$250K-\$500K	\$222,304
\$100K-\$250K	\$124,781
\$50K-\$100K	\$55,298
\$25K-\$50K	\$27,047
\$10K-\$25K	\$11,820
<\$10K	\$2,996

UPS

01	U
Shipping Services	Savings Off List Price Under MTC-UPS Program
UPS Next Day Air	50-70%
UPS 2nd Day Air"	35-55%
UPS 3 Day Select ["]	35-55%
UPS Ground ["] Comm.	18-47%
UPS Worldwide Int.	up to 65%

OFFICE DEPOT

Office Supplies Spend Range Under MTC-Office Depot Program	Average Savings Off List Price Under MTC-Office Depot Program
> \$300K	\$256,893
\$100K - \$300K	\$146,943
\$50K - \$100K	\$90,177
\$25K - \$50K	\$46,327
\$10K - \$25K	\$20,935
\$1K - \$10K	\$4,947
<\$1K	\$448



MTC MEMBERS

20/20 GeneSystems, Inc. 3Dnamics Inc. abbvie Accelovance Adaptive Phage Therapeutics, Inc. Advance Business Systems Advanced Bioscience Laboratories, Inc. Advanced Therapies Partners LLC Advent Laboratories Inc. AGC Biologics AgNovos Healthcare LLC Agrimetis LLC Airgas USA LLC Akan Biosciences, LLC AKF Group LLC Akonni Biosystems, Inc. Alexandria Real Estate Equities, Inc. Alliance Architecture Alpha Engineering Associates, Inc. Alpha Pointe Capital Altimmune, Inc. Amarex Clinical Research, LLC American Gene Technologies International Inc. American Sample Archive Amgen Anchor Technologies, Inc. Annapolis & Anne Arundel County Chamber of Commerce Anne Arundel Community College Anne Arundel County Office of Central Services Anne Arundel County Office of Info Technology Anne Arundel Economic Development Corporation Anne Arundel Workforce Development Corporation Anthem Minds Antibody Biopharm, Inc. Antidote Therapeutics AOUAS, Inc. ArcPoint Strategic Communications ARINC Aronson, LLC Arrow SI ASELL, LLC Asklepion Pharmaceuticals LLC AstraZeneca/MedImmune AT&T ATCC Cell Systems Atlantic Medical Device Consortium AudioStaq Auxergen, Inc Avidea Technologies Baird Baltimore County Chamber of Commerce Bandura Systems BCD Innovations, INC. BDO Beacon Grace BeneVir Biopharm, Inc. Betamore **BIOCELL** Diagnostics, Inc. BioHealth Innovation, Inc. Biologics Consulting Group, Inc. **Biologics Resources LLC** BioMarker Strategies, LLC bioRemedies MD Bioscience International, Inc. BioSpace, Inc. Biotech Laboratories USA LLC BioTechnical Institute of Maryland, Inc. Biotechnology Innovation Organization Black Label Breezio Bristol-Myers Squibb Company BroadOak Capital Partners Burrell International Group, LLC BWI Business Partnership, Inc.

hwtech@UMBC ByteGrid Capital Edge Consulting Carroll Tech Council C-Care LLC Cellphire, Inc. Cellular Biomedicine Group Central Maryland Chamber Cepham Life Sciences, Inc. Champions Oncololgy ChangingMedia Cherry Bekaert Chesapeake High School IT Academy Children's National Health System Cian Diagnostics Cipher . CitiBank, N.A. City of Frederick Department of Economic Development Clean Slate ClearView Group Clongen Laboratories, LLC CNR Insurance, Inc. Code Partners, LLC Cohesion CohnReznick LLP Comcast Business Complete Omics Inc. Connected2Tech LLC Cordia Partners CosmosID CPL Biologicals LLC CRB Creatv MicroTech, Inc. Crown Castle Fiber CSC Leasing Company Curio Manufacturing, LLC CyberSpace Analytics Corp. Dark Web ID Delta Omics Inc Dembo Jones, P.C. Dillon Tax Consulting LLC Dixon Hughes Goodman LLP Domicell Donnelley Financial Solutions **Dovel Technologies** DPR Construction, Inc. Dracen Pharmaceuticals Duff & Phelps, LLC DxNow Inc EagleImmune Economic Alliance of Greater Baltimore Ed Coleman Edell, Shapiro & Finnan, LLC Edgar C Harrell Associates, Inc. Edgley Construction Group, Inc. EduMD (MileMarker) Edwards Performance Solutions Elcrist Advisors Eli Lilly and Company Embassy of Canada eMedical Sentry Encode, Inc. Epidarex Capital Epilogue Systems, LLC EverFi Expedient Data Centers - Owings Mills Facility Logix Fannie Mae FastForward Homewood Ferguson, Schetelich & Ballew, P.A Fina BioSolutions LLC Fisher BioServices FocalCXM Fort Meade Alliance

MARYLAND TECH COUNCIL YEAR IN REVIEW

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Foxinova Inc Foxspire LLC Frederick County Chamber of Commerce Frederick County Government Office of Economic Development Frederick CREST Frederick National Laboratory for Cancer Research Gaithersburg-Germantown Chamber Of Commerce Galaxy Control Systems Gallagher & Co Gemstone Biotherapeutics GenArraytion, Inc. GeneCopoeia, Inc. Georgetown University-Biomedical Education Givhero Glass Jacobson Financial Group GlaxoSmithKline GlycoMimetics, Inc. Glycot Therapeutics LLC Grant Thornton LLP Great Chesapeake eRecycling & Data Destruction Greater Baltimore Committee Greater Bethesda-Chevy Chase Chamber of Commerce Greater Washington Board of Trade Greater Washington Initiative (GWI) Green Analytics MD, LLC Greenberg Traurig, LLP Grip Boost GRSi Gula Tech Adventures Hagerstown Community College's Technical Innovation Center (TIC) Halobeam Technology, Inc Harbor Launch at the Institute of Marine and Environmental Technology hatch IT Healable, Inc. Helm Point Solutions, Inc. Henry M. Jackson Foundation Hewlett Packard Enterprise Holy Cross Health HoneIn Hood College Howard Consulting Group, Inc. Howard County Chamber of Commerce Howard Hughes Medical Institute Howard Tech Council Hughes Network Systems LLC Human Resources inc Humeva Cell Therapies Ibex Biosciences IBM Corporation ID Agent Ideal Innovations, Inc. IDT Biologika Corporation IES Life Sciences, Inc. Immunology Partners Immunomic Therapeutics Industrial Commons, Inc. Inspirion Biosciences Institute for Genome Sciences Institute for In Vitro Sciences, Inc. Integrated BioTherapeutics Inc. Integrated Pharma Services Intervise Intralytix, Inc. IntroBooth Iron Bow Technologies Iron Mountain Jecho Laboratories, Inc. HU Information Security Institute 11.1 Johns Hopkins University Johnson & Johnson

MTC Members as of October 2018

MARYLAND TECH COUNCIL YEAR IN REVIEW

lovian Concepts, Inc. JPMorgan Chase Jubilant Cadista Pharmaceuticals Inc. KAI Research, Inc., an Altarum Company KamTek Inc KatzAbosch CPA Firm Kilpatrick Townsend LLP Kitchology, Inc. Knight Sky LLC **Kydes Pharmaceuticals** Launch Workplaces Law Office of Geoffrey M. Karny Lentigen Technology Lieber Institute Inc LifeSprout Inc Lockheed Martin Loews Annapolis Hotel LuminUltra Lupine Creative Consulting, Inc Machfu MacKenzie Commercial Real Estate Services Macrogen Corp. Marvland Business for Responsive Government Marvland Chamber of Commerce Maryland Department of Commerce Maryland Economic Development Association (MEDA) Maryland Small Business Development Center Maryland STEM Festival Maryland/Israel Development Center Matan Mavenspire Maxbio Scientific Inc MaxCvte, Inc. Medigen, Inc. MedNet Solutions Mid-Atlantic Hispanic Chamber of Commerce, Inc. Miles & Stockbridge P.C. Millennium Marketing Solutions Mindgrub Technologies LLC Miner & Kasch Minkoff Development Corporation miRecule, Inc. MITC Modavar Pharmaceuticals LLC MOKOBIO BIOTECHNOLOGY R&D CENTER, INC Montgomery College Montgomery County Chamber of Commerce Montgomery County Economic Development Corporation MOODY Tech Insurance Morrison & Foerster I I P Mount St. Mary's University MRIGlobal MycoMed Technologies, LLC Nath Goldberg & Meyer, Patent and Intellectual Property Law National Cancer Institute National Institute of Standards and Technology (NIST) NDBbio NetLink Resource Group Neu-Ion, Inc Neuralv Newbridge Spine and Pain Center Newport Board Group, LLC NFP / The Meltzer Group NFP/ProBen NinthBall LLC Noble Life Sciences, Inc. Northeastern Maryland Technology Council Novavax, Inc Offit Kurman, P.A Open Source Software Institute OpGen, Inc. **OPS** Consulting OriGene Technologies, Inc. Orphan Drug Unit (IQVIA) Oscamo LLC Otomagnetics Inc Otsuka Pharmaceutical Development & Commercialization

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Maryland Tech Council Venture Mentoring Services (MTC VMS) is a program based on the well-established and highly successful MIT Venture Mentor Services Program. Five Maryland business community leaders were trained in team mentoring at MIT and lead the development and delivery of this program in Maryland.

MTC VMS provides free mentoring services in a unique team approach to selected young company Executive Leaders. Mentors are carefully selected successful entrepreneurs and specialists in key business services that young companies need. They are specially trained to teach through asking questions and to provide perspective that leads the entrepreneur to achieve their own goals and to do their own work. Mentors meet regularly to select the mentee companies, analyze issues and trends and, in general, form connective tissue within the community from shared experiences and a growing eco-system.

Entrepreneurs and their mentee companies are accepted into the program without a termination point. As the companies evolve, the teams evolve to address the pragmatic growth issues facing the companies. Success is not measured by graduation, but rather in terms of growth for the companies and the community. The mentee companies must be connected in some way to Maryland and must have a technology or life science related product or service with more than a proof of concept and at least one FTE.

WWW.MARYLANDMENTORING.ORG

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LAUNCH

IN THESE FIRST TWO YEARS OF OPERATION. THE **PROGRAM HAS GROWN TO:**

> 33 MENTEE COMPANIES ENROLLED







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MONTGOMERY COUNTY CONOMIC DEVELOPMENT ORPORATION MARYLAND SHULMAN ROGERS GANDAL FCKER

MTC VMS SPONSORS/ PARTNERSHIPS

60 TRAINED MENTORS

BY MENTEE COMPANIES

VOLUNTEER MENTOR HOURS



MANAGING COMMITTEE HOURS



2017-18 GRANTS+ **PARTNERSHIPS**





4 MARYLAND COMMUNITY **COLLEGE COLLABORATIONS**

Planning for Success: Cyber Pathways Across Maryland (CPAM) Career Readiness Expo at Montgomery College

The Maryland Tech Council Partnered with Montgomery College and CPAM to bring together students from 14 of Maryland's Community Colleges with Industry Leaders

A highlight of the CPAM Career Readiness Expo was the Industry Panel. After each panelist presented a quick overview of their business, their role in their company and how they progressed to their position, students and attendees were able to ask questions directly to the panel. The panel included David T. Nguyen, Founder & CEO of United Solutions; LaToya C. Staten, Chief Strategy Officer of Connected2Tech LLC; Evan Dornbush, Co-Founder & CEO of Point3 and Ken Stalder, CEO of Sherpas Cyber Security Group.

50% INTERNSHIP REIMBURSEMENT PROGRAM

New Internship Resource for your Organization

The Maryland Tech Council announced inMD, another resource for Maryland companies in their search for great talent.

inMD is the next generation marketplace for talent and industry in the state of Maryland. inMD is a digital marketplace where students, mentors and companies converge in an online learning and information exchange. By posting your internships, sharing information on your company, and engaging your employees in the community, you'll join an ecosystem where students are actively exploring their career options and earning badges for completing training for your company or industry, doing informational interviews, and engaging with industry experts.

50+ ANGELS AT THE LAST DEMO DAY

Launch your startup with FounderTrac, raise capital, learn from a proven curriculum and receive one-on-one mentoring to scale your company.

FounderTrac

- 50+ Angels at the last Demo Day
- Full Curriculum w/ Hands-on Custom Mentoring
- Fractional Access to C-Level Executives
- Alumni Program & MIT Licensed Mentoring

FounderTrac is a community-based accelerator located in Annapolis, MD. FounderTrac utilizes a holistic approach to fostering and promoting startups and entrepreneurship in Maryland. Entrepreneurs are a diverse and changing community that require a complex network of educational and support resources. FounderTrac works with the community to gather and coordinate these resources to provide the greatest chance of success. Built by entrepreneurs for entrepreneurs, FounderTrac embraces the diversity of Maryland by fostering a truly inclusive community.



AMBASSADOR COMMITTEE

The Ambassador Committee supports MTC's plan to retain and recruit new members while creating a sense of excitement for success in achieving its membership goals. Ensuring that members feel welcome and get the best return on the investment they made by joining MTC is their mission.

Goals and Objectives

- Facilitate connections that matter by assisting with personal introductions
- Check in with each member during their first year
- Follow up with Prospective Members attending events and inquiring about membership
- Reach out to businesses in the technology and life science communities and understand if membership could help them

BIO+TECH18 PROGRAM COMMITTEE

Bio+Tech18 supports MTC's mission by providing a forum for life sciences and technology professionals to exchange ideas and explore partnerships. The Program Committee supports this mission by helping to form an agenda that features designated education tracks for both industry-specific and combined-industry topics that feature industry leaders. The Bio+Tech18 Program Committee aids in providing unparalleled access to technologies, talent, and capital for the purpose of facilitating crossover relationships and advancing innovation.

- Bio+Tech18 Program Committee meets weekly
- 10 committee members

GOVERNMENT RELATIONS COMMITTEE

Maryland Tech Council's Government Relations Committee advises and directs association advocacy efforts with legislators and policymakers on issues of importance to the technology and life sciences industries. The Government Relations Committee meets periodically to educate members on what policymakers are doing to impact the tech and biotech communities, shape the government relations strategy, take positions on important legislation and to develop policy priorities.

26 committee members

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INDUSTRY AWARDS CELEBRATION STEERING COMMITTEE

The Industry Awards Celebration is MTC's largest signature event, where we recognize the companies and individuals in the region who make a difference. This event celebrates the veteran companies and startups, the CEOs and CFOs who are lighting the way and inspiring us all. The Steering Committee assists with soliciting top-notch nominations and sponsorships.

• 10 committee members

WORKFORCE DEVELOPMENT/STEM COMMITTEE

Maryland Tech Council's Workforce Development/STEM Committee serves as a proactive advisory group to sustain and grow a knowledge-based economy and to identify the next generation of skilled workers through by developing science, technology, engineering and math (STEM) skills. The Workforce Development/ STEM Committee will serve as the Mid-Atlantic's clearinghouse for workforce shortage issues, solutions and activities and to ensure the universities/colleges curriculum are producing enough qualified, skilled workers to meet industry's demand.

YOUNG PROFESSIONALS SOCIETY

Maryland Tech Council's Young Professionals Society (YPS) serves to advance young professionals throughout the state of Maryland through leadership and professional development, networking opportunities and educational events. The YPS Committee aids in producing programming that supports young professionals in expanding their networks and developing their careers.

- 12 committee members
- The Young Professionals Society produces bi-monthly events around Maryland. The events rotate between networking happy hours and educational programming events.

MTC BOARD OF DIRECTORS

MTC Board of Directors are unified and align with the mission of the Maryland Tech Council to support the members who are driving innovation throughout the region. View the FY18-19 Board of Directors at mdtechcouncil.com.

MTC EXECUTIVE OFFICERS



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MARYLAND TECH COUNCIL YEAR IN REVIEW









Brian Coolev Chief Marketing Officer. Everfi



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Doug Doerfler Chief Executive Officer Maxcyte



Brian Haigh Region Director VWR



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Stephen Hoffman, M.D. Chief Executive and Scientific Officer, Sanaria





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Jerry Parrott President and Chief Executive Officer. **BioMarker Strategies**



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Howard Rothman Senior Partner, The Washingtonian Group - UBS Financial Services Inc.



John Zuknick Director of Economic Development and Workforce, Universities at Shady Grove



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We are deeply appreciative of the following companies for their generous support in sponsoring the Maryland Tech Council.

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2017-18 SOCIAL

John Wise Founder. CEO and Chairman of the Board of @LOCIplatform speaking on Embracing **Blockchain Technology for our third installment** of our Innovation Speaker Series this morning.



and LinkedIn.







BIOHEALTH dvancing Science. Accelerating Innovatio















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Biotechnology Innovation Organization











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