



VISIONARY AWARDS 2021

April 22 / A Virtual Event

un·prec·e·dent·ed

Face Masks



New Jobs



Business Restarts



Virtual Learning



Social Distancing



Home Deliveries



Cleaner Air



Work From Home



: never having happened or existed in the past

: having no precedent

: novel or unexampled

: without previous instance

: never before known or experienced

: unexampled or unparalleled

WE WILL ADAPT



Dawn Grissom
INNOVATOR AWARD



Laura Preston
LEADERSHIP AWARD

» Congratulations «

to the **NMTC Visionary Award Honorees** and Harford Community College's **Dawn Grissom** and **Laura Preston**.

Your personal commitment to the advancement of STEM education is both recognized and valued.



LET CURIOSITY

lead you.

Striving to meet the demands of local and regional partners, Harford Community College offers certificate and degree programs that prepare students to work, train, and excel in the science and technology fields. So walk through our open doors, and let curiosity lead you.



Agenda

WELCOME, INTRODUCTIONS and NMTC UPDATE

SUCCESSFUL STEM STUDENTS

NMTC VISIONARY AWARDS

Mr. John Casner
Executive Director, NMTC

VISIONARY HONORS PRESENTATION

Mr. Jeff Foulk
CEO, SURVICE Engineering
2021 Visionary of the Year

Introduced by Mr. Lyle E. Sheldon,
FACHE, President & CEO
University of Maryland Upper
Chesapeake Health

CLOSING REMARKS

Ms. Claudine Adams, Chair,
NMTC Board of Directors

ADJOURN

Award Criteria

NMTC Visionary Awards for STEM Education and Technology and Innovation Advancement

RISING STAR Award – These individuals must, in a bold way, demonstrate the potential to be a longterm contributor to building the STEM-educated workforce or have pioneered an innovation or application for an existing technology by starting a company or establishing a breakthrough within a larger organization.

MENTOR Award – With a consistent track record of going above and beyond to volunteer knowledge, experiences, and wisdom, these individuals stimulate and inspire greatness in students and teachers or guide a team to implement an innovative technological solutions with outstanding results for the sponsoring organization.

INNOVATOR Award – By consistently demonstrating personal efforts that measurably benefit the development of the STEM-educated workforce and advance innovative technologies, these individuals show the potential to positively impact the community by revolutionizing an industry, way of life, or organization.

LEADER Award – Through consistent contributions to building the STEM-educated workforce and advancing our innovation and technology base in a way that inspires others to help in accomplishing shared goals, these individuals solve enterprise-wide issues, create practical solutions, and engage others in the process.

VISIONARY Award – This individual demonstrates qualities of enlightened leadership through longterm significant contributions to community well-being displayed as a personal commitment to building the STEM-educated workforce and advancing our innovation and technology base.

WE ARE NMTC



The Northeastern Maryland Technology Council (NMTC) is the technology and innovation advocacy platform of Northeastern Maryland. We help advance technology adoption by expertly defining the rewards and risks of emerging technologies. We provide expert opinions on how these technologies might affect the revenue, talent, and pipelines of our council members and our region.

NMTC members build business connections with community leaders from industry, academia, and government, representing billions of dollars in purchasing power, influence, and connections that stretch beyond this region.

NMTC provides the leadership and unifying voice that stimulates technological change, drives innovation, and encourages technically-skilled workforce development. We facilitate collaboration on issues that influence regional economic growth and support the security of our country.

Like and follow us on Facebook: **@NMTCconnect**

Follow us on LinkedIn: **NEMDTech**

Visit us online: **NMTC.org**

Benefits of Membership

Our members participate in, support, sponsor, and take advantage of the many informative and networking opportunities provided through following programs and special events:

✓ Monthly Events

Water Cooler 1st Thursday 4-5:00 PM: Meet and learn from experts on a variety of technologies and home office solutions. These virtual events include informal presentations and networking discussion opportunities.

TECH Leadership Roundtable 3rd Friday 7:30-9:00 AM: Benefit from this members advisory group where business owner peers share guidance to business challenges and opportunities in a confidential setting facilitated by a professional business coach.

✓ Special Events

iDisruptor Tech Talk Quarterly events 4-5:30 PM: A Ted Talk-style event featuring multiple expert speakers on emerging, game changing, and cutting edge technology in a variety of industries. Happy hour networking follows.

✓ Annual Events

Visionary Awards At this Formal Dinner Awards Ceremony, meet the NMTC Visionary of the Year and other leaders in military, science, academia, and industry we honor the Leaders, Innovators, Mentors and Rising Stars influencing our STEM-educated workforce and new business formation.

Golf4STEM June 7, 2021: An informal networking opportunity on the links with leaders from APG, academia, and many regional companies. Profits support NMTC Scholarships, Technology for Kids, and local Boys and Girls Clubs STEM programs.

Wine on the Water September 9, 2021: Waterfront wine and bourbon tasting with a technology twist. Connect with a broad audience of business, military, and academic leaders in a social setting.

Online Tech Directory The only resource identifying our regional technology and cybersecurity organizations as well as key contacts at Aberdeen Proving Ground.

NMTC Board of Directors

Current Officers

Claudine Adams..... Chair
Sue Manning.....Treasurer
Melissa Kuzma..... Secretary

Serving through the year 2021

Frank Cardo, STEM Programs Coordinator..... Cecil County Public Schools
Denise Carnaggio, APG Liaison, Partner Coordinator.....Harford Community College
Mary Beth Stapleton, Coordinator Grants, Partners Harford County Public Schools
Dr. Theresa Felder, President.....Harford Community College
Gary Martin, President..... GPM Consulting, LLC
John Karabias, Vice President, Growth & Strategy.....Jacobs Engineering

Serving through the year 2022

Nicole Funk, Managing Director..... Deloitte Consulting, LLP
Dr. Mary Way Bolt, President Cecil College
Todd Marks, President and FounderMindgrub Technologies
Dr. Michael O'Leary, Chair, Mathematics Department Towson University
Robert Andrews, AdministratorHarford County OCED

Standing for election 2023

Susan Manning, Director Business Development..... Freedom Federal Credit Union
Randy Rippin, PresidentRTR Technologies, Inc.
Steve Overbay, Director.....Cecil County OED
Claudine Adams, President and Founder Bravura Information Technology Systems
Melissa Kuzma, President..... Kuzma Technical Enterprises

VISIONARY AWARDS COMMITTEE

- Frank Cardo, Cecil County Public Schools
- Denise Carnaggio, Harford Community College
- John Casner, NMTC
- Stan Childs, STEM International
- Marco Ciavolino, enktesis
- Heather Gatta, Battelle
- Joan Michel, Profile Partners
- David Patrick, DSA, Inc.
- Mary Beth Stapleton, Harford County Public Schools

SPECIAL RECOGNITION: CREATIVE PARTNER

Marco Ciavolino and his wife, Susan, were award recipients in 2015. Since then, Marco has contributed many hours to NMTC events and projects providing logistics support, equipment, photography, multi-media, and design services. The event brochures and cleverly engaging ideas were created by him and his creative mind. If your organization is looking for effective, well-executed solutions to your communications needs please visit his site and contact him to discuss your requirements.

enktesis.com

**enktesis*
** building value*
developing ideas



NMTC: Where members collaborate, key connections thrive, and opportunity expands!

NMTC is Maryland's fastest-growing technology council. With more than 200 members, advocates, and supporters. NMTC provides access to leaders from technology, industry, academia, and government throughout Harford, Cecil, and Baltimore Counties.

Established in 1991, NMTC programming continues to connect companies, organizations, and members to peers and influential decision makers through organized networking events, disruptive technology talks, workforce summits, and idea-inspiring collaborative initiatives. Connections made through NMTC accelerate economic growth, build the STEM-educated workforce, and protect national security.

NMTC - Driving technology and innovation in Maryland.

NMTC Hosted Events:

- iDisruptor Tech Talks
- Water Cooler Talks
- Tech Leadership Roundtables
- GOLF4STEM Tournament
- WOW World of Wine
- Visionary Awards Gala

SPECIAL RECOGNITION: MEDIA PARTNER

I95 BUSINESS began publishing in 2011 to serve the regional business community. I95 BUSINESS includes profiles of successful companies and the people who run them, insight from area business leaders, and connections to companies and professionals in the region. I95 BUSINESS engages readers with well-written, well-designed stories that connect in a meaningful and memorable way. "Words Matter™" – their tagline – is realized as words communicate ideas, educate and connect on multiple levels.

i95business.com





Visionary Award Jeff Foulk

Mr. Jeff Foulk, Chief Executive Officer (CEO) of the SURVICE Engineering Company, is a 1982 graduate of the University of Delaware with a degree in Mechanical and Aerospace Engineering. He furthered his education at the Von Karman Institute for Fluid Dynamics in Belgium and received an advanced degree in Aeronautics

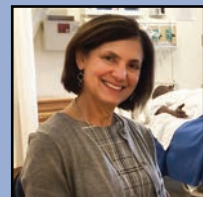
and Aerospace in 1983. After getting his degree, Mr. Foulk joined SURVICE, a family-owned business that his father (Jim Foulk - 2010 Visionary of the Year) started in 1981. SURVICE supports and protects the U.S. warfighter with unparalleled survivability services (hence the name SURVICE). Mr. Foulk is actively involved with numerous community and philanthropic efforts supporting youth education and veteran causes. He joined the Board of the Boys and Girls Club of Harford & Cecil Counties in 2011, served as the Board President from 2013-2015 and interim Executive Director for a portion of 2016, presided over the merging of Harford and Cecil organizations, and today is still involved in multiple board committee efforts. Under his leadership and vision, the B&GC integrated STEM programming at all the clubs. Mr. Foulk has been a long-time supporter of TechBrick, independent robotics, and STEM education club for home-schooled, public, and private school students in Harford, Baltimore, and Cecil counties. Mr. Foulk has been supporting the APG Discovery Center. He leads an effort to provide rehabilitation services to veterans with upper/lower extremity and traumatic brain injuries through the non-profit, Warriors on the Green.



Keynote Speaker Liz Zatalava

Elizabeth Zatalava, an NMTC Bravura 2018 Scholarship recipient, is a third-year student at the University of Findlay studying forensic chemistry. She is also an NCAA Division 2 women's lacrosse player for the Oilers. She graduated from the STEM Academy at Rising Sun High

School, where she conducted research on the effect of angle and distance on the presence of gunshot residue. This research was conducted alongside an Army Public Health Center member who provided an opportunity to use an Induced Coupled Mass Spectrometry to run the gunshot residue samples. This fall, Liz will continue research at a collegiate level with Dr. Nathan Tice. She recently accepted an internship with the Bethany Beach Police Department to be a seasonal police officer. Liz hopes this experience will lead to a job opportunity with the federal government in the areas of investigation of domestic and international terrorism. Liz was recently inducted into the Council of Forensic Science Educators prestigious Delta Delta Epsilon honors society.



Laura Preston Leader Award

Laura Cianelli Preston retired Dean at Harford Community College, led the State of Maryland's Nurse Support Program to increase Maryland's nursing capacity. She also created nursing student professional development workshops in community colleges and encouraged Maryland Universities on the associates

to bachelor's degree level to increase the number of degreed nurses working in local hospitals. For students, Dean Preston was instrumental in securing an endowment of \$1 million. To date, 75 students have been awarded nursing scholarships through this endowment. Dean Preston is a respected health leader in the community, known for her vision and ability to forge partnerships on a regional basis.

2021 Award Recipients



Andrew Renzulli Leader Award

Mr. Andrew Renzulli, Supervisor of Science, Harford County Public Schools (HCPS) worked tirelessly to transform the science program offerings for students. He led a STEM strategic planning process, working above and beyond his role to develop and implement strategies designed to advance the quality of STEM

education throughout HCPS. Andrew continues to provide leadership in developing and implementing programs designed to foster teacher innovation across the K-12 spectrum. Mr. Renzulli's administration resulted in the Stars of Summer, a widely attended multi-disciplinary virtual learning program enabling more than one hundred educators to provide students with summer instruction in unique and innovative ways.



James Morgan Leader Award

Dr. Morgan is an Associate Professor of Computer Science at Cecil College. With his leadership, Cecil College's cybersecurity program has earned NSA's Center of Academic Excellence accreditation. Additionally, Dr. Morgan initiated a program for cybersecurity and computer science students to connect

with many of the area's largest employers. His initiatives continue to attract students by increasing both employment and transfers opportunities. Dr. Morgan encourages students to embrace learning as a lifelong endeavor and achieve excellence.



Kyle Rickansrud Leader Award

Kyle Rickansrud, Director of Technology Services Cecil County Public Schools, is at the forefront of technology for Cecil County Public Schools. This year he led the adoption of customized learning opportunities for students that support high-quality K-12 instruction. His leadership and can-do mindset

propelled the school district through the difficult transition to full online learning during this past year. His knowledge and leadership allowed the school system to learn, take risks, and excel in a better learning place. Kyle is a tremendous leader in bringing technology to Cecil County Public Schools and advancing STEM in our county.



Tim McNamara Leader Award

Tim McNamara, Facilities Committee chairman for the Discovery Center at Water's Edge, and former Deputy to the Garrison Commander, touched every APG organization. The result of Tim's steadfast leadership of the Discovery Center project will be thousands of students of all ages inspired to discover

science and technology's magic. Tim contends that it is easy to get behind the initiative when considering the Discovery Center's many benefits. He credits talented colleagues, caring community partners, and benevolent benefactors with the project's success and feels blessed to have been able to contribute his talents.



Todd Miller Innovator Award

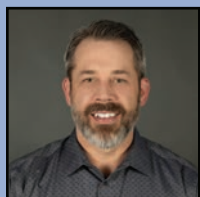
Todd Miller, Product Manager DSA, Inc, is co-founder of the award-winning milSuite, facilitating learning, innovation, knowledge management, and information sharing to more than 1.75M registered Military, DoD Civilian, and DoD Contractor personnel across the Department of Defense. Significantly, because

of the suite's secure operability, publications such as MSNBC, Los Angeles Times, New York Times, and WhiteHouse.gov have featured the milSuite assortment. Launched as a collection of related sites, they focused on open-source software to create DoD-audience unique versions of famous and successful public websites, such as Facebook and Wikipedia.



Dawn Grissom
Innovator Award

Dawn Grissom, Project Director, Community Education, Business and Applied Technology, Harford Community College, is the driving force behind the college's innovative cybersecurity programs. Her paradigm shift in cybersecurity education achieved the National Science Foundation Harford First program pilot for a skilled cybersecurity workforce. She also created the GenCyber Smart Camp and then a summer GenCyber Smart Camp for middle school girls for 2021. Also, Dawn's contributions to the Pathways in Technology Early College High School program ensured students are ready to contribute to the rapidly growing cybersecurity needs in Harford County and beyond.



JP Lapps
Innovator Award

Over the last decade, JP Lapps, Senior Vice President, NextGen Federal Systems, leveraged innovative approaches to dramatically grow his company's highly skilled workforce to 235 total employees across six offices and 22 different states. NextGen's innovative hybrid business approach led to their growing reputation as an area expert in Machine Learning, Computer Vision, and Microservice Architectures. JP has been instrumental in aligning NextGen's research and development efforts towards solving real-world problems and supporting the warfighter. NextGen received more than \$6M in SBIR funding across four unique R&D projects that focus on autonomous drones and environmental impacts on C5ISR systems.



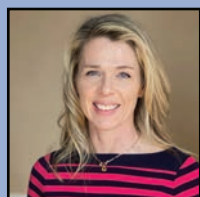
Kim Sheppard
Innovator Award

Kim Sheppard, Math Department Chair, Cecil College, instituted a system where students now have less developmental course work and move into higher-level math classes more quickly and with a higher success rate. This streamlining led to an improvement of over 30% in successful developmental education course completion. She championed cost reductions for student materials, like textbooks, saving up to 60% on some other resources. By addressing the fundamental developmental issues discouraging students from entering STEM fields, Kim, and the mathematics department expect to continue to see an increase in interest, retention, and diversity in all STEM programs.



Mark Mears
Innovator Award

Mark Mears, Director, Facilities Management and Emergency Preparation, ChristianaCare, Union Hospital, created its Combined Heat and Power generation facility, generating electricity while capturing the wasted heat to use within the Hospital. Besides a substantial cost saving, the Hospital will continue supplying heat and power if the grid goes down, ensuring staff and patient safety. Mark's accomplishment was made more impressive by the fact he had limited areas for new construction and a mandate for the facility to be quiet and out of sight for patients and visitors. Succeeding on both, Mark reduced the Hospital's carbon footprint by 61% or 6,900 tons of CO₂ per year.



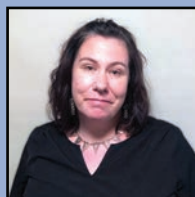
Amy Fares
Mentor Award

Amy Fares, Program Director, Strategic Solutions Group, Data Systems Analysts, Inc, serves as a volunteer supporting DSA's STEM outreach, supporting TechGirlz workshops and summer camps. She taught students to create their website, add their content via web pages and posts, and learn WordPress and Microsoft Office in the process. Amy has always looked for opportunities within her local community and encourages her children to develop a love for volunteering. Besides TechGirlz, Amy volunteers with the Humane Society of Harford County, Girl Scout and Boy Scout Troops, Eden Mill Nature Committee, and Habitat for Humanity Susquehanna.



Art Lee
Mentor Award

Art Lee is a retired US Army Medical Service Corps officer with a Ph.D. in environmental engineering and on the board of directors for the Society of American Military Engineers (SAME) Chesapeake Post. Dr. Lee has teamed up with previous NMTC Visionary Mentor awardees to collaborate on mentoring projects and judge numerous local Science Fairs. Art has mentored several SAME scholarship awardees, commenting, "We try to make sure they have access to professional summer internships and assist them with their job search after graduation." He encourages his mentees to become mentors and pass it on.



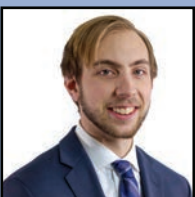
Erin Poole
Mentor Award

Erin Poole, the Customer Support Representative and SharePoint Developer at Data Systems Analysts, Inc., supports its community STEM outreach efforts. Ms Poole supports the TechGirlz mission by creating and implementing free interactive TechShopz. Her favorite workshop is Website Creation where starting with conception and planning, Erin helps the girls bring their ideas to life on the World Wide Web by creating websites utilizing WordPress. Erin's support of TechGirlz has helped develop and refine lessons while serving pizza and prizes with joyful glee.



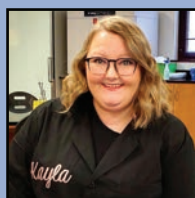
Sarah Wheat
Mentor Award

Sarah Wheat, Chief of Employee Development and Engagement, Army Research Laboratory (ARL), is passionate about re-energizing, motivating, and empowering others inside and outside ARL. Sarah works tirelessly to build an enterprise-wide program matching over 100 mentors and hosted numerous workshops and networking events. Recently, she changed the program to a virtual platform. Sarah is widely recognized for mentoring and coaching initiatives and was the recipient of ARL's 2020 Brad E. Forch Honorary Award for Mentoring. This year, she took her passion for mentoring into the world as a co-host of a weekly mentoring podcast for professional women.



Jeremy Ruroede
Rising Star

Jeremy Ruroede is the founder and CEO of S.E.R.R.I. Technology, and a graduate of Harford Community College. He is a driven, motivated young engineer and entrepreneur developing a series of machine learning tools and incorporating them into his company's software platform product, Neurales. Neurales is a source-available product providing an intuitive platform enabling subject matter experts to utilize machine learning themselves. He holds the promotion of the STEM community and mentorship very close to his heart. Mentoring and telling his story to ever-younger techies to get new generations excited and ready for careers in STEM.



Kayla Ross
Rising Star

Kayla Ross is the science and engineering lab coordinator, Cecil College. Kayla's coursework toward her master's degree in biotechnology has been a significant help in Cecil's development of an Associate degree in Applied Science in Bioproduction, recently approved by the Maryland Higher Education. Her knowledge was instrumental in developing the curriculum and researching and equipping Cecil's bioproduction labs with cutting-edge instrumentation. Kayla was also responsible for leading the faculty training necessary to implement the program successfully. Kayla wears multiple hats teaching labs, coordinating needs and laboratory preps for all our STEM courses, and guiding our pioneering program.



Business results for life.

www.leadinglogic.biz

Focus on Philanthropy

Battelle invests in communities where our customers and employees call home. Our support encourages the inspiration and preparation of the next generation of STEM leaders whose contributions will advance the health and safety of society.

EXPERIENCED FACULTY.
**EXPERIENTIAL
EDUCATION.**

For more information about
our STEM programs,
visit ycp.edu.

 **YORK COLLEGE**
OF PENNSYLVANIA
KINSLEY SCHOOL OF
ENGINEERING, SCIENCES
AND TECHNOLOGY



battelle.org

BATTELLE
It can be done



CONGRATULATIONS TO OUR CEO JEFF FOULK ON RECEIVING THE 2021 NMTC VISIONARY AWARD!

Jeff's father Jim, founder of SURVICE Engineering, received the first Visionary of the Year Award 10 years ago.

SURVICE Engineering has nearly 40 years of experience supporting the U.S. Department of Defense and industry clients with specialty engineering services and design expertise. We have supported the development, testing, and analysis of many of the major U.S. combat systems in the field today. Our company has over 360 employees nationally and continues to grow.

SURVICE helps provide safe, survivable, and effective systems through our latest innovations and technologies:

- ▶ Cargo Drones
- ▶ Disruptive Warfighter Technologies
- ▶ Advanced Computing & Cyber Technologies
- ▶ Self-Sealing Technologies Multifunctional Composites (Electronics Enclosures and Lightweight, Low-Cost, Damage-Tolerant Thermoplastic Driveshafts for Air and Ground Vehicles)

www.survice.com

The Academy of Visionary Awards 2012 – 2020

Visionary – a community role model in building our Workforce for the Future or advancing technology & innovation

2021

Jeff Foulk, SURVICE Engineering, C.E.O.

2020

Lyle Sheldon F.A.C.H.E., University of Maryland Upper Chesapeake Health, President & CEO.

2019

Claudine Adams, Bravura Information Technology Systems, President and Founder

2018

Dr. Philip Perconti, U.S. Army Research Lab, Director

2017

Dr. Mary Way Bolt, Cecil College, President

2016

Denise Carnaggio, Harford Community College, APG Liaison

2015

C. Warren Mullins, Battelle Eastern Technology Center, Senior Vice President

2014

Gary Martin, U.S. Army Communications-Electronics Command, Deputy to the Commanding General APG

2013

Dr. Diane Lane, Cecil College, Vice President Student Activities (retired)

2012

James Foulk, Chesapeake Testing and SURVICE Engineering, President.

Leader – Setting the pace for success.

2021

Kyle Rickansrud, Cecil County Public Schools, Director of Technology Services and Media

Dr. James Morgan, Cecil College, Associate Professor of Computer Science

Tim McNamara, Discovery Center at Water's Edge, Chairman, Facilities Committee

Laura Cianelli Preston, Harford Community College, Dean of Nursing, Allied Health Prof. (ret.)

Andrew Renzulli, Harford County Public Schools, Supervisor of Science

2020

Tamalene Imbierowicz, Professor Biology & Environmental Science, Harford Comm College

Mark Mortenson, Co-Founder & Chief Technology Officer, Clene Nanomedicine

2019

Kathleen Kirk, Data Systems Analyst, Inc., Senior Vice President, Strategic Solutions Group

Susan Manning, Freedom Federal Credit Union, Community Liaison

Jamie Gurganus Ph.D., U.M.B.C., Associate Director Mechanical Engineering

2018

Timothy Dominick, Orbital/A.T.K. (now Northrup Grumman)

Jim McNeely, SURVICE Engineering (formerly with Battelle)

Al Horst, Harford Community College/Senior Science Society

2017

Joan Michel, Profile Partners, President and Founder

Dr. Patrick McNutt, U.S. Army Medical Research Institute of Chemical Defense

Dr. John Suárez, U.S. Army Communications-Electronics Research, Dev. & Eng. Center

2016

Christine Zatalava, Cecil County Public Schools, Acting Assistant Principal

John Mayhorne, Harford Community College, Dean (now retired)

2015

Marco Ciavolino, Techbrick Robotics and enktesis, President and Fopunder

Erica Fineman-Bertali, U.S. Army Communications-Electronics Research, Development, Engineering Center.

Louie Lopez, U.S. Army Research Development and Engineering Command.

2014

Suzanne Milchling, U.S. Army Edgewood Chemical Biological Center.

Frank Mezzanotte, Harford County Public Schools (retired).

2013

Joseph Wienand, U.S. Army Edgewood Chemical Biological Center, Director (retired)

2012

Kathleen Kunda, Business Ed. Partnership Advisory Council, Cecil County. (Now Board of Directors, Cecil College)

Dr. John Ferriter, ScD, SAIC - Senior VP.(retired)

Innovator – Ideas that make a difference.

2021

Kim Sheppard, Cecil College, Chair Math Department

Todd Miller, Data Systems Analysts, Inc., Product Manager

Dawn Grissom, Harford Com. College, Project Director, Comm Ed, Business. & Applied Tech.

JP Lapps, NextGen Federal Systems, Senior Vice President

Mark Mears, ChristianaCare, Union Hospital, Director, Facilities Mgmt. & Emergency Prep.

2020

Jill Orsini, Project Lead the Way instructor, Bel Air Middle School

Cyrus Etemad-Moghadam, Founder & President, RPM Tech

2019

Martha Barwick Ed. D, Harford County Public Schools, Coordinator of Instructional Technology.

Charles Nietubicz, U.S. Army Research Lab (Ret.), Director Supercomputing Resource Center

2018

Catherine (Katie) Hall, U.S. Army Research Lab

Alena Calm, U.S. Army Edgewood Chemical Biological Center

2017

Dr. Veronica Dougherty, Cecil College

Scott English, U.S. Army, Directorate of Public Works at APG

Marlene Lieb, Harford Community College (retired)

2016

Sarah Ashley, Science & Math Academy, Harford County Public Schools

Susan Kipp, Youths Benefit Elementary, Harford County Public Schools

2015

Andy Borzok, Cecil County Public Schools.

Kimberly Nikitas, Battelle Eastern Technology Center

Joseph A. Domanico, U.S. Army Edgewood Chemical Biological Center

2014

Dr. Pamela Lotterro-Perdue, Towson University

Jeannine Finton, Harford County Public Library, (now American Soc. Chemical Engineers)

2013

Mary Doak, U.S. Army Edgewood Chemical Biological Center (retired)

Dr. Nina Lamba, CCL Biomedical (Initiator of NMTC's Science Café).

Marty Healy, W.L. Gore. (retired)

2012

Deborah Wrobel, Harford Community College, Dean (retired)

Frank Cardo, Cecil County Public Schools

Mentor – Role models for future generations.

2021

Dr. Art Lee, Retired

Sarah Wheat, Army Research Lab, Chief of the Employee Development & Engagement Branch

Erin Poole, Data Systems Analysts, Inc., Customer Service Rep. and SharePoint Developer

Amy Fares, Data Systems Analysts, Inc., Project Manager

2020

Cathy Perkins, Technical Project Manager / Site Lead, U.S. Army Aberdeen Test Center

Davlyn Williams, Technical Project Manager, Data Systems Analysts, Inc

Dr. Timothy Kluchinsky, Chief, Health Hazard Assessment Div., U.S. Army Public Health

Dr. Richard Becker, Research Engineer, U.S. Army Research Lab

2019

Tracey Schreiner, Data Systems Analysts, Inc., Training Lead

Frank Mayer, Harford Community College, Adjunct Faculty Cybersecurity

Wilbert Moultrie, U.S. Army Public Health Center, S.T.E.M. Coordinator

Carrie Kauffman, Battelle, Principal Research Scientist

Matthew Kiefert, U.S. Army Research Laboratory, Outreach Office Coordinator

2018

William (Bill) Chambers, NASA Goddard

Stan Childs, STEM International

Dr. Michael Simini, U.S. Army Edgewood Chemical Biological Center

Virginia (Ginny) To, Parsons Corp, contract support to U.S. Army Research Lab

Dr. Drew Wilkerson, York College/U.S.Army Research Lab (ret.)

2017

Anne Marie Baumann, Cecil County Public Schools.

John Nierwinski, U.S. Army Materiel Systems Analysis Activity

Dr. Ebony Roper, Cecil College

Dick Schwanke, Senior Science Society at Harford Community College

2016

Dr. Rose Pesce-Rodriguez, U.S. Army Research Laboratory

Greg Fox, Northrup Grumman (ret)

Kelly Mangum, Harford County Public Schools

Omair Savory, U.S. Army Communications-Electronics Research, Dev. and Engineering Center

2015

Dr. Bruce Burns, Harford Community College, Senior Science Society

Deidre DeRoia, U.S. Natural Resources Branch, Aberdeen Proving Ground

Dr. John McDonough, U.S. Army Medical Research Institute of Chemical Defense

Susan Ciavolino, Harford County Boys & Girls Club

Rick Moore, U.S. Army Edgewood Chemical Biological Ctr. Rapid Tech & Inspection Branch.

Brad Ruprecht, U.S. Army Edgewood Chemical Biological Ctr. Rapid Tech & Inspection Branch

Lester Hitch, U.S. Army Edgewood Chemical Biological Ctr. Rapid Tech & Inspection Branch

2014

Suzanne Procell, U.S. Army Edgewood Chemical Biological Center

Anne Shade, Leidos. (moved)

Dr. Robert Lieb, U.S. Army Research Lab (now retired)

Dr. William Prins, A.T.K. Missile Products Division. (now retired)

2013

Dr. Dave Brown, MITRE and Johns Hopkins University. (Pentagon)

Dr. Sandra Young, U.S. Army Research Lab, Harford Community College

Ted Welsh, SURVICE Engineering

2012

Tim Jahnigen, SAIC (now T2S Solutions)

Dennis Hiebert, Senior Science Society at Harford Community College

Ken Collins, U.S. Army Edgewood Chemical Biological Center

Dr. Douglas Cerasoli, U.S. Army Medical Research Institute of Chemical Defense.

Shawn Bowen, U.S. Army Edgewood Chemical Biological Center

Rising Star – People to watch.

2021

Kayla Ross, Cecil College, Science, and Engineering Lab Coordinator

Jeremy Ruroede, S.E.R.R.I Technologies, Founder & CEO

2020

Brian Leftridge, S.T.E.M. Program Specialist, U.S. Army Combat Capabilities Dev Command

Mikale Brutus, S.T.E.M. Outreach Specialist, U.S. Army Combat Capabilities Dev Com, C5ISR

2019

Caitlyn Byrne, MITRE Corp. Lead Information Systems Engineer

Cina Fugate, MD School for the Blind, Lead Technology Teacher

2018

Kim McCarthy, U.S. Army Contracting Command

David Patrick, D.S.A., Inc.

Barbara Morton, Cecil College

Jack Underwood, System Source Learning Centers

2017

Alison Baranowski, Harford County Public Schools

Jerry Crabb, U.S. Army Research Development and Engineering Command

Jacqueline Wilson, Cecil College

2016

Kim Bowers, U.S. Army Communications-Electronics Command.

Nicole McKew, U.S. Army Edgewood Chemical Biological Center

Jan Stewart, Hickory Elementary School, Harford County Public Schools

Christina Bryant, U.S. Army Test, and Evaluation Command

2015

Katie McHenry, Youths Benefit Elementary School S.T.E.M. Club.

Breanne Sutton, A.T.K. Missile Products Division. (now Northrup Grumman)

2014

Carmen Kifer, U.S. Army Chemical Materials Agency.

Ann Bizzano, DPT, American Physical Therapy Association of Maryland.

2013

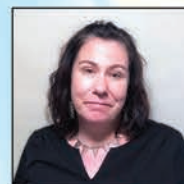
Kimberly Williams, Cecil County Public Schools.

2012

Jason Parks, Youths Benefit Elementary School, Harford County Public Schools.



DSA has been a long and proud supporter of advancing STEM education for our future workforce and leaders. DSA congratulates NMTC Mentor Awardees Amy Fares and Erin Poole, and Innovator Awardee Todd Miller for being honored as part of the NMTC 2021 Visionary Awards!



Through free and interactive “TechShopz” workshops and summer camps, Amy Fares and Erin Poole support TechGirlz, a nonprofit program creating IT futures that inspire middle school girls to explore the possibilities of technology to empower their future careers.



Todd Miller is the Product Manager and co-founder of the award winning milSuite, an enterprise suite of capabilities focused on open source software that provides social media and collaboration for the entire DoD. The milSuite program was built to decrease duplicative and wasteful spending, consolidate knowledge across the services, and provide a secure means for users to execute their mission.

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Social Distancing



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Cleaner Air



Work From Home



Vaccines



Emergency Care



Working Home



Communities Help



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Netflix should
change their
message from,
"Are you still
watching?"
to
"You should shower
and come back"

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PAJAMAS SO I WOULD
HAVE CLEAN WORK
CLOTHES THIS WEEK.**



- ADAPT



- iDisruptor Tech Talks alert you to the many risks and rewards of emerging, tipping-point technologies. These in depth panel discussions are organized, facilitated collaborations between NMTC members, technology leaders, the US Army Research Lab, and other subject matter experts.
- Water Cooler Talks, the first Thursday of the month, 4-5:00 PM, feature an informal networking environment wrapped around a modified TED Talk with complimentary coffee (when not virtual). A variety of subjects are presented, including ever-changing personal-use technology, complex algorithm-based business technologies, cybersecurity, and business processes.
- Tech Leadership Roundtable Meeting, monthly on the third Friday, is a masterfully facilitated peer business advisory group, exclusive to NMTC members and populated by leaders, owners, and key executives of technology businesses seeking to expand their growth.
- Visionary Awards and Academy of Visionary Awards honor the behind-the-scenes volunteers who build our STEM-educated workforce and create or advance technology to new economic growth heights. These honorees are inducted into the Academy of Visionary Awards and invited to further share their valued experience and knowledge with the community at large, contributing to the growth of our STEM-based economy.
- GOLF4STEM Tournament on June 7, 2021, our collaborative networking event connects the key influencers in our region on an informal, and yes, fun-filled day with always an interesting, intertwined use of the latest technology.
- World of Wine on September 9, 2021. Its acronym, WOW, aptly describes the experience when hundreds in the community gather to enjoy the dozens of select wines and bourbons poured by your friends. Once again, at La Banque at the Seaplane Base, Havre de Grace.

For 2021, NMTC offers even more:

- Eight STEM Scholarships: NMTC, through the generosity of Bravura Information Technology Systems, offers four \$5,000 scholarships to young women who are graduating high school seniors pursuing a four-year degree in a STEM field.
- Technology Resource Directory now includes an expanded cyber section, additional helpful categories, and more detailed contact information on all listings.
- Leader 2 Leader Social brings together influential leaders to create future NMTC programs.

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Discovery Center

at Water's Edge

Congratulations to the 2021 Visionary Award Winners!

The Discovery Center at Water's Edge is especially grateful for the support of **Jeff Foulk, Tim McNamara, and Andrew Renzulli**, whose efforts are helping the Discovery Center become a reality.

The Discovery Center will be a major regional science center located on the Route 40 corridor at Water's Edge.

This year we will open a small preview center at the Water's Edge development in Belcamp. Here, we will have 3,500 indoor square feet with several full-scale exhibits that will give visitors a taste of what is to come in 2023. Please visit apgdiscovery.com and follow us on Twitter @apgdiscovery or Facebook @apgdiscovery for the latest information. Please contact us at info@apgdiscovery.com to volunteer.





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Professor Kimberly Sheppard • Innovator Award

Science Lab Coordinator Kayla Ross • Rising Star Award

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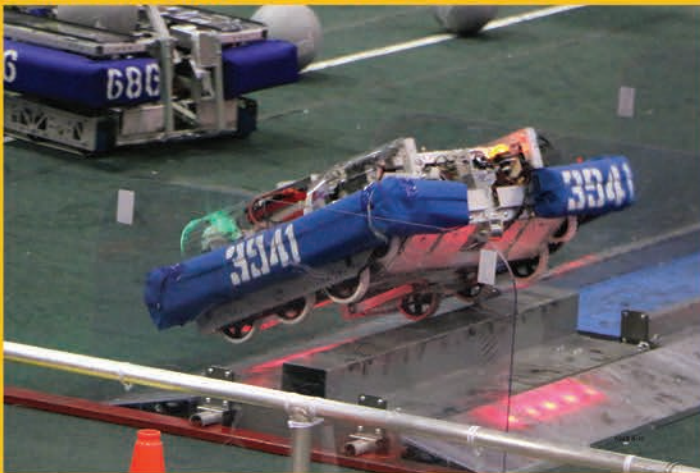
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TECH
CHALLENGE GRADES 7-12



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LEGO
LEAGUE

DISCOVER
PRE K - 1



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LEGO
LEAGUE

EXPLORE
GRADES 2 - 4

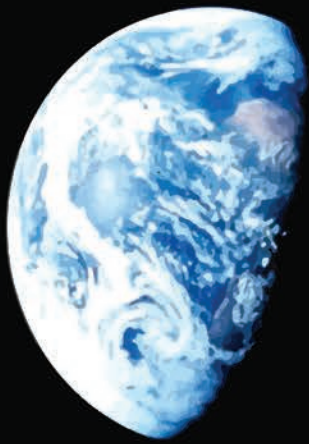


FIRST
LEGO
LEAGUE

CHALLENGE
GRADES 4 - 8



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