



TECHNITE22

— AWARDS GALA —

Welcome to the 22nd Annual Awards Gala.

WEDNESDAY, MAY 4, 2022

JAMES MADISON UNIVERSITY FESTIVAL CENTER

**THE 22ND ANNUAL
SHENANDOAH VALLEY TECHNOLOGY COUNCIL
AWARDS GALA**

WEDNESDAY, MAY 4, 2022

DOORS OPEN - 5:30 p.m.
NETWORKING - 5:30-6:45 p.m.
PRESENTATION - 7:00 p.m.



TECHNITE22

May 4, 2022 Awards Gala

**NOMINATION SUMMARIES
& EVENT PROGRAM**

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The nominees, companies, organizations, or collaborative efforts, are linked from our page Categories-Nominees online (svtc-va.org/categories-nominees/), but we are also including some hyperlinks in this program if they are somewhat short/space allows.

KEYNOTE: ELAINE CHENG
Senior Vice President and Chief Information Officer, Shentel

Winning the Talent and Innovation War: Women in Tech

Never has the environment been so challenging. Finding new ideas and new markets is always tough. Layer on top of that a competitive and constrained talent pool. What can you do? How can you win?

Elaine's keynote will explore the game-changing solution. We will learn how to engage, recruit and develop women in technology and how that will determine success.

Elaine Cheng joined Shentel in March 2019 and has 20+ years of experience in diverse business environments across all areas of Information Technology. Prior to joining Shentel, she served as Chief Information Officer and Managing Director of Global Strategic Design for CFA Institute in Charlottesville, Va. Prior to her time at CFA Institute, she held a number of different roles over 16 years with M&T Bank in Buffalo, NY, including Group Vice President, Technology Business Services, Vice President of Retail Operations and Assistant Vice President, Web Product Owner.

She received her Bachelor of Arts degree from Vassar College and her Masters of Business Administration from the University of Rochester. Elaine Cheng is a founding board member of Charlottesville Women in Tech, a non-profit organization which encourages women to join and thrive in technology careers.



JMU College of Integrated Science & Engineering's Innovation in Community Impact Award

Presenter: Dr. Robert Kolvoord, Dean of JMU College of Integrated Science & Engineering

Innovation in Community Impact Award

The Community Impact Award is given to an individual, team, nonprofit/civic organization, or company in the Shenandoah Valley that aspires to use its capabilities to help solve a social or environmental issue in a local community while using technology to amplify the impact of a service, mission, or project.

2021 Recipient
Pale Fire Helps

2020 Recipient
Valley Makers Association

2019 Recipient
Exploring Rockingham's Past
(a collaboration between
Rockingham County Circuit
Court and JMU History &
JMU Libraries)

2018 Recipient
Explore More Discovery
Museum

2017 Recipient
Wildlife Center of Virginia



BRCC & JMU Workforce Collaboration for Merck

In 2019, Merck announced that they were expanding their vaccine manufacturing to make Gardasil (their Human Papillomavirus vaccine) available more broadly worldwide. In light of this expansion, Merck found that they needed to add employees to their talented and educated workforce. The Elkton plant site was chosen because of Merck's collaboration with James Madison University and Blue Ridge Community College. JMU and BRCC have been providing the necessary workforce to Merck, including the creation of a JMU-only internship program. This partnership was designed with flexibility for the student and Merck's hiring needs. As an example, throughout the summer months, students are provided opportunities to work full-time in a "sprint" capacity.

As students transition into the academic semester, they shift to part-time work, which enables them to make academics their top priority while they continue to develop and apply their industry knowledge.

Beginning in March 2020, as Covid-19 was spreading, Merck allowed the JMU internship cohort to work 100% online and gave them the same hardware and software that their full-time employees were using. The internship program is now in its fifth cohort and the interns, as well as most Merck employees, are still working remotely most of the time. By using these creative ways of working with technology, the students have had much more flexibility and can sometimes work more hours than if they were required to be on-site, which provides them with a richer experience.

Since the inception of the partnership, more than 35 BRCC graduates—plus 42 JMU graduates— have been hired at Merck; and additionally, 45 interns have been hired. Seventy percent of the interns are still working at Merck in either a contractual or full-time capacity. Most of the students who were hired into these roles have had technology-related degrees/majors, such as Mechatronics, Biotechnology, Engineering, Computer Science, and Integrated Science and Technology. (Add'l details at www.goveda.org)

LingoNetworks “Drive-in” Public Wi-Fi Access

Connectivity is an essential element of everyday life. The need for those living or visiting the Shenandoah Valley to accomplish tasks and maintain essential connections with others utilizing internet connectivity was further highlighted by the impacts of the COVID-19 pandemic. Lingo Networks, powered by MGW Telephone Company, began working with local school systems, libraries, community centers, and convenience stores in the Shenandoah Valley to identify locations and install equipment to set up 14 dedicated “drive-in” public WiFi access sites for community members who had limited or no Internet access. [lingonetworks.net/driveinwifi] Using the existing Internet connections at the partner locations, Lingo Networks provided additional bandwidth to the public WiFi sites wherever possible and installed access points to provide public WiFi networks that were accessible from the parking lots.

Recently, in collaboration with the Highland County Chamber of Commerce, Lingo Networks launched a public WiFi access site and a private dedicated network for local vendors at the Stonewall Ruritan building to serve attendees at the 2022 Highland Maple Festival. Because cellular service in this area ranges from limited to unavailable, Lingo Network’s efforts made it possible for individuals to send and receive VoIP phone calls and text messages and for vendors to process credit/debit card transactions.

The Internet access available at these community public WiFi locations enabled and continues to enable residents and visitors to stay connected with others and accomplish essential tasks in their daily lives. Whether making phone calls or sending texts in remote locations, participating in tele-health appointments, working or learning remotely, or connecting with others via video chat, these public WiFi locations remain a service that focuses on serving those in our communities by empowering them with free Internet access.

Innovation in Community Impact Award



Innovation in Community Impact Award

Sentara RMH Medical Center Heart Failure Clinic and Technology

Multiple teams at Sentara RMH Medical Center (SRMH) came together in 2021 to use innovative technology to address one of the Shenandoah Valley community's highest health risks: heart failure. To address this community health issue, SRMH [sentara.com/] opened an outpatient specialty clinic in March 2021 to manage patients with heart failure and help reduce their risk of readmission. In mid-2021, the SRMH Structural Heart Center launched the CardioMEMS™ procedure to complement the work of this new specialty clinic. The CardioMEMS™ Heart Failure System is a miniature, wireless monitoring sensor about the size of a paper clip that is implanted in a patient's heart and measures pressure inside the heart and lungs. It is the only FDA-approved remote monitoring device for certain types of heart failure and is implanted in a low-risk procedure.

The implanted device works in conjunction with a special pillow patients use at home. The pillow takes sensor readings and transmits the data to healthcare providers via a secure, online portal. Staff monitor data from the CardioMEMS™ devices several times a week, and, if they detect changes in pulmonary artery pressure before patients experience any symptoms, they can proactively adjust medications and other treatment options.

Heart failure accounted for 15.3% of readmissions at SRMH in 2019 and 13.8% of readmissions in 2020. The Heart Failure Clinic launched in March 2021 and more than 660 patients were seen by the Clinic through the end of 2021. The overall hospital heart failure readmission rate for 2021 was 12.7%.

While the use of this technology through this program is still new, the immediate impact to a vulnerable population of the Shenandoah Valley's citizens is promising and significant. The CardioMEMS™ technology brings together collaborative care partners to reduce health care costs, decrease hospital stays, and contribute to long-term healthy habits in our community.

GreeneHurlocker's Innovation in Emerging Business Award

Presenter: Jared Burden, Partner, GreeneHurlocker

Esports Development and Growth Enterprise

Esports Development and Growth Enterprise (EDGE) [edgeconsulting.gg/] provides academic consulting services, educational content, and an esports-centric curriculum in an effort to develop and grow the esports industry. They seek to educate individuals while providing solutions and support to bolster esports-related ventures. Through their consulting services, EDGE's staff works with institutions to develop a customized esports program to best fit learners' needs.

EDGE is currently developing their K-12 esports curriculum which will align with several social-emotional learning and career and technical education (CTE) pathways; STEM; 21st-century skills; esports competitive program development; and esports facility planning for K-12 and higher education institutions. The curriculum will address the skills necessary for future employees outlined by the World Economic Forum and better prepare the modern learner to navigate the ever-growing digital landscape.

Since their founding in 2019, EDGE has grown and aligned itself with major partners from around the country in the esports and educational space. EDGE has formed strategic alliances with several local, regional, and national organizations so that they will be able to offer a turnkey esports solution for K-12 and higher education with facilities, curriculum, and competition:

- Shenandoah University: package collegiate esports curriculum and host academic conferences
- Horizon AVL: audiovisual experts to streamline the esports facility design and implementation process
- Carolina Esports Hub: provide tournament organization services to clients and grow the K-12 network
- National Association of Collegiate Esports: provide academic consulting services to their member institutions
- Coherent Educational Solutions: align K-12 curriculum with social-emotional learning and CTE standards and assist educators in receiving Perkins and Title II funding
- Access Alliance for Education: assist with the packing, publishing, and marketing of esports-related curriculum

Innovation in Emerging Business Award

Awarded to a Shenandoah Valley start-up / emerging technology company or entrepreneur.

2021 Recipient

Traipse Inc. | My Local Token

2020 Recipient

Sproutly, LLC

2019 Recipient

Workplaceless

22018 Recipient

Raincrow Studios, LLC

2017 Recipient

IMADE3D



GreeneHurlocker
Attorneys at Law

**Innovation in
Emerging
Business Award**

Flathat

Communication in schools is fragmented. Teachers, administrators, students, and parents are using a multitude of tools to communicate, creating information chaos. Educational Technology is a high-growth industry driven by hybrid models, enhanced connectivity infrastructure, and smartphone penetration. Shenandoah Valley teacher Jodi Fox noticed that existing EdTech players “missed” the layers of communication within schools and most EdTech newcomers “missed” simple designs and relied too much on “freemium” business models that exacerbated the problems of fragmentation. She is one of the creators of Flathat [flathat.io/], the future of school communication.

Established in 2019, Flathat [<https://www.flathat.io/>] was designed to provide a single platform with a discrete social newsfeed, channel-based communication, interoperability with leading Student Information System (SIS) and Learning Management System (LMS) providers, avatars, and a modern user experience designed for engagement. Flathat has also introduced a robust broadcast messaging system including district-wide robocalling with Amazon-powered voice translation into 22 languages, which complements the instant text translation feature already available in 108 languages.

Flathat has been selected to join Amazon's exclusive EdStart Accelerator. Amazon will be investing in Flathat both financially and operationally, which means that top backend engineers will be working with Flathat to keep data safe and the application functioning at a high level.



GreeneHurlocker
Attorneys at Law

Retail VR

Retail VR [<https://retailvrpro.com/>] is changing the face of marketing and facilities management with the power of 3D modeling and Virtual Reality video experiences. Not long ago, these tools were mostly used by large companies and architecture firms to promote their brands and build physical spaces. Today, thanks to the technology utilized by Retail VR, small and medium-sized businesses and workspace owners can use these tools to create compelling marketing and sales materials that can be viewed and experienced from anywhere in the world. This has the potential to completely change the way a business is perceived, increasing brand awareness and generating new business opportunities long after the marketing materials have been created.

Recently, Retail VR designed a way to work with a local museum to increase their traffic through Virtual Tourism, allowing individuals who would otherwise be unable to visit the museum to experience a tour of the exhibits and collections through an immersive 4K 360 degree perspective that would allow the user to see, hear and experience the tour on computers, mobile devices, and even virtual reality headsets. The user would be able to “face” the guide and “turn” to see the subject and environment just as an onsite visitor would. Retail VR would accomplish this by capturing photo, audio, and video in the museum on a device that would provide imagery for a self-guided virtual tour. The virtual tour of artwork brings the pieces to life by embedding biographies, descriptions, and videos to give a more in-depth feel and connection to the artist.

These tours are designed to be an immersive, educational experience that leaves participants with a new perspective of a curated public exhibit. By providing access to the exhibits through Virtual Tourism, organizations can provide access to a greater number of people than those they can accommodate onsite.

Innovation in Emerging Business Award



GreeneHurlocker
Attorneys at Law

**Innovation in
Emerging
Business Award**

Valley UAV Services

Valley UAV Services [valley-uav.com/] was established in October 2020 by Michael Bender to expand the use of unmanned aircraft systems (unmanned aircraft vehicles, or drones) for the emerging precision agriculture market. Where most applications for drones in the agriculture market are geared toward airborne remote sensing to measure crop stress, growth, and yield, Valley UAV Services was formed specifically to provide aerial spray services in order to precisely spot-treat different types of crops using pesticides. This achieves several objectives: it minimizes the volume of these materials and their environmental impact, it reduces the cost by targeting the specific areas to be sprayed, and it increases the crop yield - hence overall, it improves the return on investment.

The use of drones in precision agriculture is predicted to grow rapidly in the near future as the FAA approves more applications for their use in the national airspace. One obstacle to more efficient operations is the FAA's restriction on the flight of drones beyond the visual line of sight of the operator. Recent developments in airspace regulations, which lay the groundwork for beyond visual line of sight operations, are predicted to rapidly accelerate the growth of drone uses in agriculture and other applications.

In 2021, Valley UAV Services filed an application with the FAA seeking the required federal authorizations to deliver pesticides and other crop treatments from their drones. The FAA has now approved the main portion of their drone spraying operating plan, paving the way for them to begin trials with their new drone systems in the near future. Also in 2021, the company successfully participated in Startup Shenandoah Valley's second cohort, which helped the company focus on other aspects of the drone spraying market.

Valley UAV Services has been working with the Virginia Innovation Partnership Corporation to investigate the potential for providing aerial spray services for specialty crops in the Commonwealth in high potential industries, such as viticulture as it is often performed on small, inaccessible tracts of land that are impractical for treatment by other conventional means, and is one of the states best known and most widely revered specialty crops.



GreeneHurlocker
Attorneys at Law

JMU Research and Scholarship & JMU School of Professional and Continuing Education's Innovation in Education K-12 Award

Presenter: Dr. Keith Holland, Professor and Associate Vice Provost, JMU Research and Scholarship

NEXTGEN Aviators (Dynamic Aviation)

NEXTGEN Aviators [nextgenaviators.aero/] is a program started by Dynamic Aviation that gives middle and high school students a three-hour immersive experience in STEM activities starting with a flight in an airplane over the area. The pilot takes the students on a walk around the plane and explains what to look for and why.

During the flight, the students wear a headset so that they can hear the pilot and co-pilot talk with each other and explain what is happening and where they are in the air. After the flight, the students then move through several stations, including a flight simulator (where they can “fly” an airplane), an engineering work station, a mechanical work station, an electrical work station and a station to learn about air flow and aerodynamics. They complete the session with an opportunity to talk to potential employers interested in hiring students in STEM fields.

Within the first 90 days of the NEXTGEN Aviators program, 31 events were successfully executed, providing engaging and inspiring aviation experiences for 3,000 students across 22 schools throughout the Valley and the Commonwealth. The response and engagement from students and educators was so overwhelmingly positive that Massanutten Technical Center started a two-year aviation maintenance program (starting fall 2022); three high schools have begun aviation introductory classes and UAS classes (with tremendous and growing interest and enrollment); and one middle school introduced UAS content and secured funding to build 10 flight simulator stations within their tech classroom to help teach and reinforce STEM and technology content. That school system has had such interest that six additional educators are working toward FAA Part 107 certification to enhance and grow their capacity to teach UAS classes.

Innovation in Education K-12 Award

Awarded to the educator or program in K-12 that provides exceptional technology leadership, innovative use and/or development of technology while encouraging students to pursue higher education or training in science, technology, engineering or math.

2021 Recipient

Shenandoah County Public Schools

2020 Recipient

Massanutten Technical Center E-SOC

2019 Recipient

Blue Ridge Community College's Technology Camps

2018 Recipients

Mary Heishman,
Staunton City Public Schools

2017 Recipients

Matthew T. Britton,
Shenandoah County Public Schools

Jessica Herr,
Staunton City Public Schools

Innovation in Education K-12 Award

2016 Recipient

Stephanie Falles,
Rockingham County Public
Schools

2015 Recipient

Chandler Sansing & Wayne
Zink,
Shelburne Middle School

2014 Recipient

Kelly Lawton,
Luray Middle School

2013 Recipient

Jeffery Wile,
Signal Knob Middle School

2012 Recipient

Deborah Cross,
Peter Muhlenberg Middle School

2011 Recipients

Alexandra Johnston,
North Fork Middle School

Kevin Lipscomb,
Wilbur Pence Middle School

2010 Recipient

Leonard Klein,
Shenandoah Valley
Governor's School

Signal Knob Middle School (Shenandoah County)

Marlena Sager works at Shenandoah County's Signal Knob Middle School [skms.shenandoah.k12.va.us/] in a classroom with 6-8th grade students who have disabilities such as Down Syndrome and Autism Spectrum Disorder (verbal and non-verbal). In this role, she assesses each student's skills; develops Individualized Education Programs; creates engaging, hands-on learning materials; plans small group and one-on-one activities; and assesses and tracks each student's performance and progress.

Sager uses Floreo, a virtual reality platform, to teach social, behavioral, communication, and life skills to individuals with autism, ADHD, anxiety, and other neurodiverse conditions. Using Floreo, she creates a "first behavioral therapy metaverse," a virtual world that is safe for learners, equipping them with skills and tools they can apply in their everyday lives. Floreo provides an opportunity for Sager to work with her students to practice skills in situations difficult to replicate in home or office settings.

In addition to Floreo, she uses Oculus Quest 2 with her students to practice real-life and gross motor skills. She provides directions to her students while using an iPad, guiding the student through lessons in a fun, safe, and engaging way as the student navigates the hand controls to complete tasks. She selects lessons, monitors progress, and provides feedback to the student in real-time.

Sager's use of Floreo and virtual reality platforms, students with Down Syndrome, autism and other conditions are able to develop the skills that help them to connect, communicate, and deal with real-life situations.

Stone Spring Elementary School (Harrisonburg City)

Kelly Troxell is the Instructional Technology Resource Teacher at Stone Spring Elementary School [harrisonburg.k12.va.us/SSSES/] in Harrisonburg. She is responsible for pre-service and in-service professional development for teachers, administrators, and staff, and ensures that they can select, evaluate, and use appropriate technologies and resources to create experiences that advance student learning and engagement. She disseminates information regarding best practices for privacy and security concerns associated with technology in the classroom.

She provides opportunities for teachers to integrate instructional technology into their classrooms and encourages the cooperative planning and sharing of resources and programs. This collaboration, enhanced and enabled by technology, offers access to instructional materials as well as the resources and tools to create, manage, and assess their quality and usefulness.

Troxell uses, shares, models, and co-teaches many of the following technology products at Stone Spring Elementary:

- **Seesaw:** a learning platform for student engagement where students demonstrate their knowledge through digital portfolios (drawings, recordings, videos, etc.), teachers watch students progress and discern where to provide additional instruction, and families are able to view their student's work and communicate with their teacher or leave encouraging notes for their student.
- **PearDeck:** Google Slides-compatible presentation software for teachers to create impactful, engaging lessons, monitor student participation, and, using the teacher dashboard, review real-time assessments to adjust instruction.
- **Håpara:** classroom management software that gives teachers visibility into their students' browser activity to help them stay safe and productive while becoming independent digital learners.
- **Unruly Splats:** a platform to break down barriers to STEM and computer science by working with teachers to integrate coding fundamentals in their classroom activities; through active play and collaborative coding activities, students develop social emotional learning skills.
- **BreakOUT:** a platform educators can use to teach any concept or skill that encourages students to use their problem-solving skills and work collaboratively to open digital "locks," yet another way to promote 21st century skills like collaboration, communication, and critical thinking.

Innovation in Education K-12 Award

2009 Recipient

Kimberly Elshafie,
Daniel Morgan Middle School

2008 Recipient

Wilson Middle School,
Bully Broadcast Thursday

2007 Recipient

Laura Evy,
Ottobine Elementary School

2006 Recipient

Learning Can Be Fun,
BRCC's Youth Program

2005 Recipient

John Matherly,
Shenandoah Valley
Governor's School

2004 Recipient

EMHS—"Lewis and Clark
2003: Re-tracing the Trail"
& Richard Ingram,
JMU College of Education

2003 Recipient

Project TRAIN IT/SVWIB

2002 Recipient

Linda Cauley,
Shenandoah Valley
Governor's School



Research and
Scholarship



School of Professional
& Continuing Education

Rockingham Clerk of Court's Innovation in Higher Education Award

Presenter: Chaz Haywood, Rockingham Clerk of Court

Innovation in Higher Education Award

Awarded to the educator or program in higher education that provides exceptional technology leadership, innovative use and/or development of technology while encouraging students to pursue higher education or training in science, technology, engineering or math.

2021 Recipient

Shenandoah University
ESports

2020 Recipient

AR/VR Healthcare
Simulation Course

2019 Recipient

Computer Science Program,
Lord Fairfax Community
College

2018 Recipient

Shenandoah University
Center for Immersive Learning

2017 Recipient

COL Stacey Vargas, PhD.
VMI / VMI Research
Laboratory



CHAZ W. HAYWOOD, CLERK

Bluestone Communications

Bluestone Communications [bluestonecommva.com/] is a student-run public relations firm at James Madison University where students are encouraged to explore the field of integrated communication by working directly with local businesses and nonprofit organizations to offer digital media and strategic communication consulting services. The technology used at Bluestone Communications includes digital marketing tools, graphic design, video editing, metrics tracking, and search engine optimization (SEO) projects. Initial client research is conducted early in the semester in order to determine the client's background, strengths, weaknesses and areas where improvements could be made.

Within the creative department at Bluestone Communications, students use digital design software to create deliverables including photography, video, graphics, posters, pamphlets, infographics, stickers, social media content and more. Bluestone Communications provides SEO research, recommendations, and implementation for clients which helps to improve their presence on search engines. Students build and maintain relationships between clients and the public through various social media platforms. Finally, media relations efforts are aided by digital media database tracking tools such as Muckrack. All processes involve the use of technology, from the beginning stages of preparation, to the implementation of social media tactics, to the tracking of metrics in order to see growth and improvement.

Charlee Rose Boutique has been a client of Bluestone Communications since the fall of 2021. After conducting background research, a student team proposed strengthening the store's brand recognition and awareness among JMU students. The team developed social media guidelines, recruited student influencers to implement a student ambassador program, and crafted a social media calendar to help the store produce consistent and descriptive social media posts. The student team created content twice a week on the Instagram, Tiktok, and Facebook pages of Charlee Rose Boutique, including several videos. As a result, Charlee Rose Boutique gained 119 followers on Instagram (4%) and 39 followers (1.5%) on Facebook in the fall of 2021.

Blue Ridge Community College

Over the past several years, Blue Ridge Community College [brcc.edu/] has added Information Technology degree programs in Cybersecurity, Cloud Computing, Digital Design and Graphics, and Secure Networking.

BRCC's Cybersecurity Center provides credit and non-credit classes, job training, two-year IST AAS degrees with specializations in Cloud Computing and Cybersecurity, and other cybersecurity initiatives such as their new Cybersecurity Apprenticeship training program. This program, developed through BRCC's successful three-year GO Virginia Cybersecurity Program, has been approved by the state to provide the necessary Related Technical Instruction for a new Cybersecurity Technician Registered Apprenticeship.

BRCC encourages those with an interest in IT, whether from previous instruction, certification, job experience, or self-study, to enroll. In both the credit and non-credit classroom training, students are taught several different aspects of cybersecurity. Modern cyberattacks are studied, as are the techniques for building architectures that can help prevent cyber losses. Students learn about computer networking, programming, databases, operating systems, and websites so that they fully understand many forms of attack vectors and mitigation techniques.

For example, a high school graduate can take BRCC's grant-funded online Google IT Support Certificate class in the summer before starting college, which would give them 6 credits towards a degree program. During their two-year AAS degree, students have the opportunity to get job training through internships. At the end of their two year program, they may take grant-funded non-credit classes to provide them industry-recognized certifications such as CompTIA Security+ and job training.

Thanks to the new Cybersecurity Apprenticeship program, BRCC is working to increase the number of those employed in Information Technology careers in the Shenandoah Valley by partnering with several new companies to hire apprentices and graduates of BRCC's cybersecurity programs.

2016 Recipient

Drs. Heydari, Tjaden, & Wang,
JMU CISE

2015 Recipient

Diane Painter,
Shenandoah University

2014 Recipient

Institute of Certified
Professional Managers

2013 Recipient

4-VA at James Madison
University

2012 Recipient

Dr. Louise Temple,
JMU, Integrated Science &
Technology

2011 Recipient

Madison Digital Image
Database,
JMU's Center for
Instructional Technology

2010 Recipient

Dr. Richard R. Teaff,
Dabney S. Lancaster
Community College



CHAZ W. HAYWOOD, CLERK

Innovation in Higher Education Award

2009 Recipient

CyberCity:
Drs. Dillon, Font,
Reif & Thomas,
James Madison University

2008 Recipient

Nick Swayne,
JMU College of Education

2007 Recipients

Dr. Ralph Grove,
JMU Dept. of Computer
Science,

Dr. Bob Kolvoord,
JMU CISAT

2006 Recipient

JMU's Center for Energy and
Environmental
Sustainability (CEES)

2005 Recipient

CISAT Bio-Manufacturing
Groups: Drs. Raab,
McKown, and Coffman

[2004-2001 listed online]



CHAZ W. HAYWOOD, CLERK

Lord Fairfax Community College

Workforce Solutions and Continuing Education at Lord Fairfax Community College [lfcc.edu/] serves the individuals and businesses throughout the community with high-quality, relevant course offerings in business, professional development, continuing education, and corporate training. Designed for adults of all ages, their programs offer high-quality instruction and hands-on skills that transfer directly into the workplace. They offer instructional year-round programs convenient for individuals or employers at multiple locations.

LFCC's IT program pathways allow for students to get stackable credentials while starting their career in IT. The leaders of their Workforce Solutions IT certification program have done a great deal of work with local employers to build a pathway for students to be locally employed in the IT field. Upon successful completion of IT certification programs (CompTIA A+, CompTIA Network+, CompTIA Security+, CompTIA Linux+, etc.), individuals not currently employed in these fields will be guaranteed an interview with several IT companies. These "Guarantee to Interview" opportunities with premier local employers are not only a great foot-in-the-door for successful students, but most employers also offer additional training for students/employees once they are on board at their organization:

- Syntelligent Analytic Solutions, LLC
- TeamLogic IT, Inc.
- Raptics, Inc.
- Tauran Management Group
- Cardinal Technology Solutions, Inc.
- Shenandoah Valley IT, LLC
- Custom Computers - Winchester Wireless
- Tech Team Solutions, LLC
- Bluemont Technology and Research, Inc.
- Mercury Communications, LLC

Virginia Innovation Partnership Corporation's Innovation in Development Award

Presenter: Sean Mallon, VP Commercialization, Virginia Innovation Partnership Corporation

Central Virginia Prep

In 2017, Central Virginia Prep [centralvirginiaprep.com/] started with a 400 square-foot garage, eventually moving to a warehouse with 5,000 square-feet and has since expanded to more than 15,000 square-feet of storage in Waynesboro. Their staff of nine employees receives shipments of customer inventory, inspects the shipment to verify the quantity and condition of the product, sorts and prepares the product (weighing, bagging, bundling, labeling, taping, etc.) and loads the shipment for delivery within 24 to 48 hours.

As Central Virginia Prep grew, it became increasingly clear that most of their operational friction could and should be solved technologically, but they were unable to find any entry-level solutions: it was enterprise level or nothing. They found that commercially-available warehouse management software was expensive and did not necessarily take into account the challenges of warehouse operations in today's era of e-commerce. The cost of commercial software can create a significant barrier to entry for smaller warehouses looking to scale their operations; without it, though, customers do not have any transparency into their onsite stock levels or the information necessary to streamline processes and reporting.

Seeing this, Central Virginia Prep decided to develop a warehouse management software system with Airtable, a no-code SaaS product. After Central Virginia Prep implemented their warehouse management software system, they were able to streamline and integrate complex processes to improve their efficiency. They observed a 50% year-over-year revenue increase in 2020 and a 100% year-over-year increase in 2021. Customers have more transparency into onsite, inbound, and outbound stock without having to rely on their own recordkeeping. They perceive more engagement with Central Virginia Prep because the system will automatically send emails with regular updates as their shipments proceed, which in turn increases their trust in Central Virginia Prep as warehousing partners.

Innovation in Development Award

Awarded to a company or organization whose development of new technology applications and/or systems creates new processes, methodologies, and/or services for their own or others' benefit.

2021 Recipient

Augmented Reality
Collaboration, withSimplicity
& JMU X-Labs

2020 Recipient

Glo Fiber Enterprise

2019 Recipient

BarTrack, Inc.

2018 Recipient

TaxToken

2017 Recipient

Ben Hanson,
Serco, Inc.

Innovation in Development Award

Dynamic Aviation Collab. with/ Merlin Labs

Dynamic Aviation provides innovative aviation solutions for government and commercial customers worldwide. By combining creative ingenuity with dependable aircraft and state-of-the-art infrastructure, they develop and deliver agile aviation solutions that help customers achieve new levels of performance and productivity.

They are working with their partner Merlin Labs to automate 55 high-performance King Air platforms that will support a wide range of public- and private-sector missions. Merlin Labs built the artificial intelligence controls that navigate the plane from start to finish. Dynamic Aviation then integrates the controls into their existing King Air aircraft. What makes this different is the true autonomous nature of the system. The plane is not navigated from a base station but uses artificial intelligence to complete a desired mission, including communicating with air traffic control and other control authorities.

The technology is now complete and the program is being tested and optimized with several operational aircraft in live flights trials completing multiple missions from take-off to landing. Once the technology is commercially available, Dynamic Aviation envisions market opportunities will evolve, such as delivering cargo or supplies to remote areas or regions, in hazardous situations, or when pilots may not be available.

“We’re proud to partner with Dynamic to begin the process of moving autonomy from the lab and to the market,” said Matthew George, Merlin Labs co-founder and Chief Executive Officer. “This deal represents a major commercial milestone as well as Merlin’s commitment to support larger and more complex aircraft.”

“We are honored to partner with Merlin by leveraging this leading-edge technology in an operational platform,” said Michael Stoltzfus, Dynamic Aviation Chief Executive Officer. “We look forward to serving alongside Merlin to create extraordinary value for customers around the world.”
[techxplore.com/news/2021-05-merlin-labs-autonomous-craft-king.html]

Jenzabar

Jenzabar's [jenzabar.com/] Chatbot is used by educational institutions to help prospective and current students navigate their educational journey by assuring that they have ready access to information around the clock. The Chatbot also reduces the need for institutions to respond to repetitive requests for information. From applying for admissions to getting access to the student portal, the Chatbot supports the student journey at multiple points in an easy and conversational manner. The Chatbot uses several technologies to provide the comprehensive toolset needed for various features and functionality.

The client itself is a ReactJS application that is bundled into an embeddable JavaScript resource and therefore can be included in virtually any website or third party web application. The administration console is a separate ReactJS application providing institutions with self-service management capabilities for the Chatbot. The back-end web applications are developed in C# .NET Core and deployed to Azure where other Azure services are used by the Chatbot such as Azure Blob Storage for storage, Azure SQL for database, Azure Bot Framework, QnaMaker, and Cognitive Search for both hosting and knowledgebase management. Chatbot further leverages Azure Databricks to produce individual and cross institutional insights and analytics.

The Chatbot technology increases student satisfaction and success by allowing students to get the help they need when they need it or to receive personal follow-up as desired. Students no longer need to comb through hundreds of pages of content to find answers to their questions. Additionally, as institutions have discovered gaps in their support processes and information missing from their websites, they are able to make changes to better support student success over time.

Innovation in Development Award

RecRe

RecRe [recrebox.com/] is an autonomous recreational rental box company that offers short-term rental access to hundreds of items college students want and need. Lockers with boxes are placed in dorms, off-campus apartments, and any other place convenient for college students. RecRe currently offers two business models: RecRe-operated and university-operated. Boxes operated by RecRe provide the host facility a percentage of revenue on hourly rentals, and referral fees for new subscription sign-ups. Under the university-operated model, schools pay an annual fee to rent the box from RecRe and manage their own inventory and rentals through RecRe's online platform.

RecRe's university-operated model was recently launched at Emory University, where their Student Union no longer has to worry about staffing a rental desk around the clock. In the Shenandoah Valley, the company's boxes are located inside select JMU dorms and at Charleston Townes, an off-campus apartment complex in Harrisonburg.

The rental boxes are operated via a web application that communicates with the box through an LTE device. Customers walk up to the box, scan a QR code with their mobile phone, and then arrive at a rental screen in the mobile web app. Once the user creates an account and enters billing information, the item can be selected. Rental options are by the hour or by subscription. After confirming the details of the rental, the web app sends a signal to open the specified box. When the user is ready to return the rental, the QR code is scanned again, the box opens, the item is placed inside and the box sends a signal to confirm. After the app has received the back-in-box notification in real-time, the user is prompted to take a photo of the item in the box. If an item is not returned within 24 hours, the app will automatically charge the replacement price of the item plus a small restocking fee.

Dynamic Aviation's Innovation in Utilization Award

Presenter: Douglas Pascarella, Dynamic Aviation

A.G. Stacker

A.G. Stacker [agstacker.com/] a leader and innovator in the custom manufacturing industry since 1996, engineers and manufactures custom machinery solutions for corrugated material stacking and handling operations. They have developed several “digital twins” assets, virtual copies of an object or system, to enhance their design, collaboration, and manufacturing processes and to elevate the training experience for their end user's equipment operators. The “twins” are a true copy of the physical machines produced by A.G., using software to mimic the mechanical and electrical components and control the simulated machine, allowing the product to react to real world situations in a virtual environment.

As A.G. developed these digital twins, it quickly realized they could use the modeling and simulation capabilities to improve upon the sales, design, training, retention, continuous improvement, and purchasing experience for itself and its end-user customers.

- **Trade Shows:** Digital twins were showcased at trade shows instead of A.G.'s large machines, allowing visitors to experience and test the capabilities of the system at the show.
- **Design, development and collaboration with customers:** Internal engineers can work directly with customers using a twin of their machine to virtually optimize machine parameters and vet design flaws.
- **External training:** Digital twins can be shipped to a customer site and loaded with their machine's specifications before the delivery of their order. Maintenance employees and operators can now train ahead of time and be prepared to operate the machine once the install is complete.

The ability for customers to effectively train new and existing operators virtually, collaborate with A.G. for engineering and design, and have a hands-on experience without a physical machine has shown to be a substantial competitive advantage for A.G. and its customers. New sales generated through the digital experiences at trade shows have been a significant contributor to A.G.'s ability to meet growth targets. Moving forward, A.G. hopes to hire more than fifty new, highly-skilled technical jobs in the Shenandoah Valley.

Innovation in Utilization Award

This award recognizes outstanding commercial growth and achievement by an established company that either produces or markets high tech products or services, or an established company or organization that produces/offers more traditional products and services (where technology itself is not the core business purpose).

2021 Recipient

Virginia Eagle Distributing

2020 Recipient

Interchange Group, Inc.

2019 Recipient

Cub Run Dairy, LC

2018 Recipient

Bank Design and Equipment

2017 Recipient

Shenandoah Computer Center



Innovation in Utilization Award

Tiber Creek Consulting

The traditional model for cybersecurity compliance involves skilled professionals, assessments, and manual check lists, which can be difficult to scale, yield only “black-and-white” answers, and fail to account for business goals. Unable to find an efficient and cost-effective solution that fit their business needs, three members of Tiber Creek Consulting’s [tibercreek.com/] IT department began the development of an internal solution to streamline the challenges of cybersecurity compliance, resulting in their Intelligent Governance, Risk Management, and Compliance (IntelliGRC) platform. As they shared demos of the IntelliGRC platform with their partners, interest and demand grew and their internal solution became a valuable tool for small to mid-sized companies across the defense industrial base sector.

The IntelliGRC platform establishes, assesses, monitors, and documents an organization’s cybersecurity maturity level and compliance posture. IntelliGRC includes the primary IntelliGRC application and the Recon Scanner, which collects compliance evidence from networks, devices, services, and cloud systems across time. With step-by-step guidance, IntelliGRC enables users to collect IT data to create a Gap Analysis, Plan of Action, and Milestones, Incident Response Plan, and Cybersecurity Plan. The result is increased cybersecurity preparedness achieved through a repeatable and measurable process, making an organization compliant, protected, and prepared for business across industry verticals.

The IntelliGRC team partnered with GENEDGE Alliance and Blue Ridge Community College (BRCC) to both build our success and support Virginia businesses and professionals. Through their collaboration with GENEDGE, Virginia’s manufacturing and economic development organization, IntelliGRC has supported small and mid-size businesses in improving their cyber posture and becoming compliant with regulations.

Today the IntelliGRC team includes twenty employees, with several cybersecurity analysts hired from BRCC’s cybersecurity training program. That team is instrumental in IntelliGRC’s success. As early professionals in the cybersecurity industry, they provide high quality cybersecurity services through the application of the IntelliGRC platform.

Glo Fiber Enterprise's Dr. Noftsinger Leadership Award

Presenter: Elaine Cheng, Senior VP and Chief Information Officer, Shentel

Jennifer Whetzel, County of Augusta

In Jennifer Whetzel's role as the Deputy County Administrator for Augusta County [co.augusta.va.us/], she directs, plans, and organizes county departments, agencies, and programs and works alongside the County Administrator to provide general management and support. She is a liaison between the county and cities, and state and regional agencies that serve a support role in county government.

Whetzel began her efforts to bring broadband to Augusta County in 2016 through her assistance with a county-wide initiative to develop a broadband strategic plan to address unserved needs. In her work with the county's Broadband Committee, created in 2018, she researched, wrote, and managed essential grants for funding and cultivated public-private partnerships that have been instrumental in bringing broadband to the rural and terrain-challenged areas of the county. She attended community meetings, developed and disseminated online surveys, organized mailings to every household in Augusta County, and created and sent flyers home with school-aged children.

From 2017 to 2022, Whetzel identified and wrote eight Virginia Telecommunications Initiative grant applications and three applications for CARES Act grant funding, securing more than \$2.5 million in funding to serve approximately 1,900 homes that were without broadband service. More recently, she provided guidance for Augusta County to participate with seven other counties in a regional project with All Points Broadband, Dominion Energy, and Shenandoah Valley Electric Cooperative. In December 2021, this project was awarded \$95 million in federal and state grants to provide coverage to unserved areas, including over 5,000 homes in Augusta County.

Dr. Noftsinger Leadership Award

Recipient's leadership has served as a catalyst for positive technology-related activity in the Shenandoah Valley.

2021 Recipient

Pam Carter, Augusta County

2020 Recipient

Anne Marchant,
Shenandoah University

2019 Recipient

Nick Swayne; JMU X-Labs,
4-Virginia

2018 Recipient

Ron Perry,
grip Innovation

2017 Recipient

Dr. Harry Reif,
Computer information
Systems and Business
Analytics, College of
Business, JMU

2016 Recipient

Dr. Ken Rutherford,
Center for International
Stabilization and Recovery, JMU

2015 Recipient

Mike Murphy,
Blue Ridge Community College



Dr. Noftsinger Leadership Award

2014 Recipients

Dr. Chris Bachmann,
James Madison University

Dr. Krishna Kodukula,
SRI Shenandoah Valley

2013 Recipient

Dr. Scott Kizner,
Harrisonburg City Public
Schools

2012 Recipients

Joseph S. Paxton,
Rockingham County

Kurt Plowman, City of
Staunton

2011 Recipient

Chaz Evans-Haywood,
Rockingham / Harrisonburg
Circuit Court

2010 Recipient

Dave Segars,
Segars Engineering

2009 Recipient

Michael Steadman,
SusQtech

2008 Recipient

Robin Sullenberger,
Shenandoah Valley
Partnership

Kim Blosser, Lord Fairfax Community College

As President of Lord Fairfax Community College [lfcc.edu]), Dr. Kim Blosser's vision is that every student, without exception, will have the resources and support they need to succeed and reach their goals. Meeting the needs of the single parent, foster youth, or first-generation college student is what motivates her to work every day to ensure LFCC is open, welcoming, and supportive of the students who need community college the most.

Blosser began her higher education career as an adjunct faculty member teaching technology classes to public school teachers who were getting computers in their classrooms for the first time. From there, she became a full-time information technology faculty member. After moving into administration, she served as Chief Information Officer where she led the institutional computing department and all IT planning and budgets, managed strategic IT initiatives in conjunction with the Virginia Community College System, and managed software and hardware purchases and implementation for the college.

Blosser has led initiatives to implement Open Educational Resources, prioritizing online learning options for students and in many cases ensuring students can earn their entire degree online, expanding the instructional technology department and support for faculty, and investments in technology that allow greater interaction between faculty and students.

To ensure the college is connected to the local community and its needs, Blosser encourages employees of LFCC to serve on local boards, actively engage with economic development, meet regularly with local school divisions, and hold regular advisory committee meetings with members of local businesses. LFCC is seen as a leader in the area for workforce development, and Blosser and LFCC regularly partner with the Workforce Investment Board, GOVirginia, the Shenandoah Valley Partnership, the Regional Commission, and others to ensure the local business community has the needed workforce.

Dr. Blosser is leading the effort to ensure LFCC is an institution where all students, regardless of age, ethnicity, ability, etc., can succeed and a place where all disparities in success are erased.

Michael Stoltzfus, Dynamic Aviation

Michael Stoltzfus is President and CEO of Dynamic Aviation [dynamic aviation.com/] a family-owned and operated company and the leading provider of modified aircraft leased and operated in niche markets around the world. Dynamic Aviation repurposes 20-to-30-year-old aircraft by modernizing and customizing them to meet client's needs, from aerial material application to data acquisition, firefighting, and surveillance.

Stoltzfus joined Dynamic Aviation in 1990, starting as a pilot and base manager and going on to work in other roles including Manager of Flight Operations, Vice President of Flight Operations, and Chief Operating Officer. He is an experienced pilot with more than 5,000 hours of flight time. He is an active member of the U.S. Capital chapter of the Young Presidents Organization and has served on the boards and advisory councils of multiple non-profit organizations.

Stoltzfus is committed to growing Dynamic Aviation and developing the next generation of skilled trades and aviation professionals. Michael and the team have created NEXTGEN Aviators, an immersive program designed to solve technical, manufacturing and aerospace workforce shortages. Children will move through several stations giving them hands-on enrichment in technical workforce skills such as riveting, sheet metal, CNC and CAD, and professional piloting. The three-hour immersive experience is designed to show area youth rewarding career opportunities in aviation while solving a mutual workforce issue present in aviation and all other industries of skilled trades. NEXTGEN Aviators sessions are planned for local Virginia airports with an expansion plan for the greater Eastern seaboard in the coming months. Through this experience, Dynamic Aviation intends to create a higher influx of qualified professionals into the overall technical workforce, and in turn, solve the growing skilled labor shortage.

Stoltzfus is focused on helping people and communities. With more than 30 years of aviation and business experience, his leadership continues to guide the organization and we are focused on the Defense, Civil, and Aerospace markets.

Dr. Noftsinger Leadership Award

2007 Recipient

Willy Pirtle,
Shentel

2006 Recipient

Dennis Zimmerman,
ComSonics

2005 Recipient

Dr. John Noftsinger,
James Madison University

2004 Recipient

Dr. Linwood Rose,
James Madison University

2003 Recipient

Dr. Nicholas DesChamps,
DesChamps Technologies

2002 Recipient

Dr. Ronald Carrier,
James Madison University

2001 Recipient

Warren French,
Shentel



Serco's People's Choice Award

Presenter: Matt Hutman, Operations Manager, Serco, Inc.

Serco's People's Choice Award

2021 Recipient
Caf2Code

2020 Recipient
Massanutten Technical
Center E-SOC

2019 Recipient
Toni Sheets, Harrisonburg
City Public Schools

2018 Recipient
Christine Richmond /
Shenandoah County Public
Schools

2017 Recipient
Massanutten Technical
Center



VOTE AND WIN USING #SVTCPC22

The Serco's People's Choice is an award given by the people and for the people using the technology of social media and hashtags. Throughout the evening, you can vote for your favorite nominee (even yourself) — and all of the 22 nominees are eligible! We'll accumulate votes before and through the night of the event. The winner will be announced at the end of the evening.

Who can vote? Can a colleague vote? Yes. Friend? Yes. Grandma? Yes. The fan club – yes. Everyone can vote multiple times. .

WHERE TO VOTE?

Public social media posts that use the hashtag **#SVTCPC22** AND the name of the nominee (or company/organization) will be counted. Use these options:

- Your Twitter (set to public) or Instagram (set to public) plus #SVTCPC22, plus the nominee name
- Place a post on the SVTC Facebook page [<https://www.facebook.com/SVTechCouncil>] (-> "create a post")
- create a direct post on the bottom of the "social wall":
<https://my.walls.io/SVTCPC22>

FYI: Pictures and graphics CAN be included in the post.

Sample Voting Ideas

For someone else:

- I vote for [nominee name or handle] for the Serco #SVTCPC22
- Congratulations, [@nominee name or handle] you should win #SVTCPC22

For yourself:

- We are nominated for the Serco #SVTCPC22 on May 4 and think we should win
- Our [job title] is nominated for the Serco Tech Nite award and we believe she is the best and should win the #SVTCPC22

*****To share some selfies taken during Tech Nite,
use #SVTCTN22 **
(posted to the same places as above)***

SVTC Board of Directors

Chris Ashley
Collegiate Customs

Joanna Bergdoll
Generate Impact

Karen Bowman
Rockingham Insurance

Sarah Cheverton
JMU, University Programs,
Online Learning

Kai Degner
JMU, School of Professional
and Continuing Education

Thomas Ewing
Sentara Healthcare

Josh Fitzpatrick
Lord Fairfax Community
College

Kathleen Gass
BRCC/JMU Merck
Grant Program

Mike Goertzen
Serco, Inc.

Jay Guruswamy
Cadence, Inc.

Rachael Harnish

Sean Mallon
Virginia Innovation
Partnership Corporation

Doug Pascarella
Dynamic Aviation

Ed Pease
Blue Ridge Community
College

Kurt Plowman
City of Staunton,
IT Department

Sandra Quigg
Boys & Girls Club,
Harrisonburg/ Rockingham

Alex Skinner
InnoVault Co-Working

Greg St. Ours
Wharton Aldhizer & Weaver

Nick Swayne
JMU, 4-Virginia /
JMU X-Labs

Brent Wilson
Sproutly

Ed Yoder
PBMares

Jackie Zetwick
Augusta County
IT Department

Nicky Swayne, CEO | Ashton Young, Admin/Marketing/ Graphics Assistant

SVTC MEMBERSHIP BENEFITS

- Recognized as a technology leader in the business community
- Listed on SVTC membership directory – another venue to promote your business with a 150 word description, includes contact info and URL
- Opportunities to network with technology leaders to find solutions to your business problems
- Opportunities to develop new business through SVTC events and contacts
- Capability to distribute company information to SVTC members using the SVTC database
- Post open jobs in SVTC newsletter and on the website
- Ability to network with legislators and government officials during SVTC's annual legislative event
- Opportunity to further your education and business knowledge through SVTC-sponsored programs
- Up-to-date information about the Virginia technology community, state programs, and funding sources
- An abundance of sponsorship opportunities to create greater exposure for your business
- Opportunity to mentor “younger” businesses or to be mentored by seasoned professionals. Volunteer at some of our STEM (Science Technology Engineering Mathematics) activities such as FIRST Lego League (FLL) or Harrisonburg Startup Weekend in support of the next generation of techies and technology-based businesses.
- Opportunity for sponsorship and publicity in the weekly SVTC e-zine, luncheons, and SVTC website
- Opportunities to participate in a committee – get to know other members and their companies and highlight your own

SVTC Membership is defined by level of benefits, not number of employees.

- **All members:** E-newsletter, priority invitations, invitation to SVTC committees, post member news, open jobs, achievements in newsletter and website.(*)
- **Individual:** \$125. Any one person. The SVTC directory description focuses on the individual (not company or employer).(*)
- **Level I:** \$250 - SVTC directory description includes full mention of company or organization.(*)
- **Level II:** \$625 - Includes Level 1 benefits PLUS marketing opportunities at two SVTC sponsored luncheons or field trips. (*)
- **Level III:** \$1,500 - Includes Level 2 benefits PLUS: logo on SVTC website, e-newsletter, event banners at council events and trade shows. (*)

(* excl. Tech Nite)

Active participation by each member is what makes the difference for all.

Thank You to Our Award Supporters!



CHAZ W. HAYWOOD, CLERK



Thank You!

TABLE SUPPORTERS



SPOTLIGHT SUPPORTERS



MEDIA SUPPORTERS

Daily News-Record

A key element of an impact of SVTC ➡ your active participation

The Shenandoah Valley Technology Council offers a variety of programs designed to meet the ever-changing needs of its members and the technology community. Through networking events, educational programs, committees and informative publications, we build community relations and offer our members and the general public a variety of ways to make new contacts, network with fellow technology users and creators, and help technology businesses in the area succeed and grow.

Active participation with SVTC committees and attending events makes all the difference. Get yourself, your company, and your brand out to the local tech crowd! Joining a committee is a great way to get involved and engage with technology users and creators.

SVTC directors have assigned themselves to committees — they are great vehicles for further in-depth work and involvement. There are three committees available that anyone is welcome to join, and each committee is looking for additional energetic contributors.

- **Community Outreach** — The mission of the Community Outreach Committee is to create and coordinate outreach programs in the community that develop and highlight the Shenandoah Valley's technology sector – as a career field for students (K16), as a destination for technology businesses, and as place where technology innovation and entrepreneurship happens.
- **Organization and Governance** — The committee recommends to the Board the operating and governance guidelines applicable to the council; leads the board in its annual review of the board's performance; and through —and based on the recommendations— identifies individuals qualified to become board members consistent with criteria approved by the board, and recommends to the executive committee and full board of directors a slate of candidates for election in the spring of each year.
- **Events & Programming** — This committee plans regular and special events such as 6-9 monthly luncheons over the course of the year, the annual fall tech mixer, Tech Nite, and members-only events. The committee meets approximately twice a year and gathers recommendations for luncheon speakers, location visits, and timely topics.



www.svtc-va.org



www.twitter.com/SVTechC



540.568.7882



www.facebook.com/SVTechCouncil



info@svtc-va.org



Join our LinkedIn Group:
Shenandoah Valley Technology Council

AWARD NOMINEES 2022

JMU COLLEGE OF INTEGRATED SCIENCE AND ENGINEERING'S INNOVATION IN COMMUNITY IMPACT

BRCC & JMU WORKFORCE
COLLABORATION FOR MERCK

LINGONETWORK "DRIVE-IN" PUBLIC WI-FI ACCESS

SENTARA RMH MEDICAL CENTER
HEART FAILURE CLINIC AND TECHNOLOGY

GREENEHURLOCKER'S INNOVATION IN EMERGING BUSINESS

ESPORTS DEVELOPMENT AND GROWTH ENTERPRISE

FLATHAT

RETAIL VR

VALLEY UAV SERVICES

JMU R&S AND SPCE'S INNOVATION IN EDUCATION K-12

NEXTGEN AVIATORS (DYNAMIC AVIATION)

SIGNAL KNOB MIDDLE SCHOOL (SHENANDOAH COUNTY)

STONE SPRING ELEMENTARY SCHOOL (HARRISONBURG CITY)

DYNAMIC AVIATION'S INNOVATION IN UTILIZATION

A.G. STACKER

TIBER CREEK CONSULTING

ROCKINGHAM CLERK OF COURT'S INNOVATION IN HIGHER EDUCATION

BLUESTONE COMMUNICATIONS

BLUE RIDGE COMMUNITY COLLEGE

LORD FAIRFAX COMMUNITY COLLEGE

VIRGINIA INNOVATION PARTNERSHIP CORPORATION'S INNOVATION IN DEVELOPMENT

CENTRAL VIRGINIA PREP

DYNAMIC AVIATION COLLAB. WITH / MERLIN LABS

JENZABAR

RECRE

GLO FIBER ENTERPRISE'S DR. NOFTSINGER LEADERSHIP

JENNIFER WHETZEL, COUNTY OF AUGUSTA

KIM BLOSSER, LORD FAIRFAX COMMUNITY COLLEGE

MICHAEL STOLTZFUS, DYNAMIC AVIATION

SERCO'S PEOPLE'S CHOICE AWARD

ALL NOMINATIONS ARE ELIGIBLE FOR THIS AWARD.
GO VOTE USING THE HASHTAG #SVTCPC22 AND
THE NAME OF THE NOMINEE.

GALA SUPPORTERS 2022

AWARD SUPPORTERS

VIRGINIA INNOVATION
PARTNERSHIP CORPORATION

JMU COLLEGE OF INTEGRATED
SCIENCE AND ENGINEERING

JMU COLLEGE OF RESEARCH
AND SCHOLARSHIP & JMU
SCHOOL OF PROFESSIONAL
AND CONTINUING EDUCATION

GLO FIBER ENTERPRISE

GREENEHURLOCKER

DYNAMIC AVIATION

ROCKINGHAM
CLERK OF COURT

SERCO

TABLE SUPPORTERS

A.G. STACKER

BLUE RIDGE
COMMUNITY COLLEGE

NEXTGEN AVIATORS

VIRGINIA INNOVATION
PARTNERSHIP CORPORATION

SPOTLIGHT SUPPORTERS

HARRISONBURG
ECONOMIC DEVELOPMENT

SHENANDOAH COMMUNITY
CAPITAL FUND

MULTI - MEDIA SUPPORTERS

DAILY NEWS-RECORD