



Wed Sept 5th, at VMASC in Suffolk
11-noon check-in, noon lunch, content 1-5p
Social, Networking, Awards Banquet 5-7p

**A Regional Gathering for Technology and
Innovation Experts and Organizations**

- A showcase of regional innovation...
- A celebration of "Best Efforts"...
- An idea of how to organize for the way forward...



Learn more about Foundation for Innovation at:

<http://technologyhamptonroads.com/category/business-ecosystem/>

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Hampton Roads Tech Expo
Building our economy through innovation,
technology jobs and intellectual property.

Tech Day Speaker Lineup

Welcome by
ODU President
John Broderick



Video Remarks
by Senator
Mark Warner



Artificial Intelligence (AI): Enabling
your Digital Transformation



Wayne Segar: Dynatrace

Biometrics and Cyber Security



Speaker Chief Behaviorist:
Dr. Mark E. Sarver - PHD

Next Gen Networks



Abhi Ghosh, PhD.c | Senior Product
Manager, Broadband Access



Brad Scott, CEO Cetan Corp
Erik Olson, CEO Array Digital
Glenn Davis, CEO On Call Telecom
Moderated by Patti Hamilton, CEO Hamilton Consulting Solutions Corp

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Hosted by
Cheryl Tan



Emerging Technology Panel



Aug Reality
Daniel McPeters, Applings Studio

Cyber
Kevin Esser, G2 Ops

Unmanned Systems
William J. Fredericks, Advanced Aircraft Co

Mod Sim
Eric Weisel, Exec Director, VMASC
Moderated by Patrick Ryan, Huntington Ingalls



Panel

Daniel Jones, CIO Portsmouth
Deb Cassidy, CIO PRA
Joe McMahon, CIO Naval Safety Center
Amber Boehnlein, CIO Jefferson Lab
Moderated by Chuck Williams
Assistant Director of IT
Chesapeake



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Speaker & Panelist Bios



Deborah Cassidy - Global Chief Information Officer - PRA CIO Panel Member

Deborah has over 30 years of experience in the IT industry, with expertise in strategic planning, process efficiencies, large system implementations, business partnering, and IT best practice.

She presently serves as enterprise Chief Information Officer (CIO) for the PRA Group, responsible for the company's global IT organization.

Deborah Cassidy was previously Senior Vice President (SVP) and Business CIO at Genworth Financial, responsible for their Financial, Actuarial, Investment, HR, Risk, Compliance and Legal systems.

She has held senior management positions at Allianz Global Assistance, Tredegar Industries, Vie de France Corporation, Hemingway and Associates, Frank Chervan, and Trinity Corporation. She was also the creator of CASCOM, an independent IT consulting firm that represented clients including the American Red Cross, Marriott Corporation, and numerous non-profit organizations.

Deborah received her Master of Science in the management of information technology (MSMIT) from the University of Virginia's McIntire School of Commerce and holds a Bachelor of Arts degree in business systems from Mary Baldwin College.

Deborah is also very active in the local community and is a founder and charter member of the Richmond Mid-Cap CIO Roundtable. Formerly on the Executive Committee of the Greater Richmond Technology Council; and board member. She is a member of the Richmond Women in Technology group, and mentors graduate students at Virginia Commonwealth University's School of Business. She also serves on the advisory board of University of Virginia McIntire School of Commerce (MSMIT).

Wayne Segar – Solutions Architect – Dynatrace Speaker



Wayne Segar
Solutions Architect at Dynatrace

Wayne brings over 5 years of experience with Dynatrace product and has deep understanding of the inner workings of the product. As a key customer, Wayne recognized the market shift toward Enterprise Cloud and the unique ability to attack that market. He has been instrumental in helping Dynatrace customers succeed in their enterprise cloud deployments.



**Kevin Esser, Executive Vice President G2 Ops
Emerging Technology Panel Member.**

Kevin Esser is the Executive Vice President and Chief Business Officer for G2 OPS. He manages the delivery of G2OPS' portfolio of security engineering, software development, and model-based systems engineering services to its national security customers. Kevin has worked for over 20 years in the cyber domain, with a focus on cyber hardening and security engineering in Navy C4I and tactical systems. He is a recognized SME in surface and submarine communications and integrated combat systems architectures. Kevin's current focus is in exploring ways to provide cyber risk analytics and visualization solutions for the underserved small and medium-sized business market. He is the proud father of

3 young men and that rare commodity in the cyber domain – an eternal optimist.



**William J. Fredericks, Founder & CEO Advanced Aircraft Company
Emerging Technology Panel Member.**

Bill Fredericks graduated from Purdue University in 2006 with a degree in Aeronautical Engineering. He joined NASA Langley Research center in 2003 starting as a Co-op student working in the Aeronautics Systems Analysis Branch. His experience base is in aircraft conceptual design. Bill has performed numerous projects ranging from: the aerodynamic database for the Ares I rocket to the design of a truss-braced wing airliner for improved fuel efficiency. His most notable project was the NASA Greased Lightning project which he led and performed the conceptual design of the aircraft. In May 2017 he left NASA and founded Advanced Aircraft Company to design and produce UAS with game changing increases in performance. Also, Bill is a member on the AIAA VSTOL Technical Committee and a

former artillery officer in the United States Marine Corps. He deployed to Afghanistan in 2011 with a rocket artillery battery (HIMARS).



**Erik Olson - Founder & CEO of Array Digital
CEO Panel Member**

Erik Olson is the Founder & CEO of Array Digital, an award-winning digital agency in Chesapeake, VA. Companies come to us when they're tired of wasting money on marketing that doesn't generate enough quality leads. We maximize your investment through highly targeted digital marketing and online advertising.



**Edwin Keusey – Senior Patent Attorney for Intellectual Property
IP Protection and Patents Breakout Session Leader**

Ed Keusey is the senior patent attorney partner at an Intellectual Property Boutique Law Firm in Williamsburg. He has practiced exclusively in the areas of patent and trademark law for over 25 years. Ed received a B.S. in Industrial Engineering from Columbia University School of Engineering and Applied Science before attending St. John’s University Law School in New York City. The firm represents manufacturing companies from many countries and U.S. defense contractors that seek advice on patent searches, patent analysis and patent filings worldwide. Ed has worked extensively in the following fields: Military Grade-

Optics, Optical Filters, Head-Up Displays, Helmets, Batteries, Chargers, Smart Recharging Protocols and Fuel Cells; Mechanical Systems and Manufacturing Arts including Injection Molding, Coining and Processing of Ophthalmic Lenses and Visors, Extrusion, Overmolding, Pharmaceutical Outserts; Material Science including Ballistics, Life Support, Chemical and Biological Protective Gear and Textiles, Advanced Materials, Nanotechnology, Polymer Molding Materials; Electronic and Electrical Arts including Analog, Digital, and Integrated Circuits, Wireless Telecommunications, Electrical Connectors; Computer & Internet Technology, Software and Network Engineering; Laser Light Management for Military Applications and Industrial Material Processing. U.S. and Foreign Trademark Prosecution, Trade Dress, Trade Secrets, Copyrights, Unfair Competition Law, Licensing, Infringement and Related Litigation.

He is frequently involved in Patent Office Examiner Interviews and other U.S. Patent and Trademark Office Proceedings. Ed counsels in-house legal departments, science officers, engineers and other technical personnel of corporate clients. The firm’s opinion work typically covers issues of patentability, licensing and infringement for both domestic and foreign patent rights. Related services include drafting and reviewing IP-related contracts and technology transfer agreements.



**Dr. Mark Sarver, Chief Behaviorist - Biometric Signature ID
Speaker**

Dr. Sarver is passionate about individual privacy and security. As the Chief Behaviorist at Biometric Signature ID, he leads the adoption of more secure identity and access management solutions to protect companies, data and systems while ensuring individual privacy. He pioneered the use of gesture-based biometrics in higher education to improve academic integrity, reduce financial aid fraud and protect institutional systems and data.

Prior to Biometric Signature ID he co-founded of One Squared Education, a higher education technology consultancy. One Squared Education provided colleges, universities, associations and corporations a comprehensive system allowing them to be innovative and creative by removing many of the traditional barriers to innovation typically found in legacy systems. Dr. Sarver was the CEO of eduKan, a 6-college consortium in western Kansas for online education serving students in 41 states.



**Glenn Davis is a public servant, business owner, and serial entrepreneur
Entrepreneur Panel Member**

Glenn began his entrepreneurial career in a one-bedroom apartment in Virginia Beach, Virginia. There, he started his first company, a telecommunications management firm which soon became a leading telecom business garnering many awards and in 2007 was named by the Inc. 5000 as one of the 100 fastest growing IT companies in America.

In 2009, Glenn and his business partner acquired the assets of a national IT franchisor, immediately taking their business from a regional company to a national brand with 143 franchise territories across the US.

Over Glenn's 19 years of experience as an entrepreneur and business executive, he has developed a proven track record in business, and has received numerous awards including the Entrepreneurial Excellence Award from the Regent University School of Global Leadership and Entrepreneurship and has spoken at national conferences and business schools.

Glenn also has had the honor of serving on the Virginia Beach City Council, and presently is a member of the Virginia House of Delegates where he is Vice Chairman of the Joint Commission on Technology and Science and chaired the Cyber Security subcommittee. He was also a candidate for Lieutenant Governor of Virginia in 2017.

Glenn is a graduate of the EO/MIT Entrepreneurial Master's program and is a member and past president of the Entrepreneurs' Organization of Southeast Virginia. He has also served as Chairman of Junior Achievement of Greater Hampton Roads, and sits on the Board of Governors of Green Run Collegiate, a charter school connected to the Green Run community where he grew up.



**Brad Scott - President and CEO of Cetan Corp
Entrepreneur Panel Member**

Cetan Corp is a certified Native American, Veteran-Owned small business that solves complex business challenges using technology, integrity and talent. Brad founded Cetan Corp in 2007, and has since served as a hands-on leader, setting the direction and strategy for the company, and spearheading its aggressive growth and expansion into new markets.

Prior to founding Cetan Corp, Brad served with honor and distinction in the U.S. Army and Virginia Army National Guard where he cultivated advanced leadership and technology skills. Following his service, Brad joined BMC Software where he served as Practice Leader for its largest Professional Services division. In this role Brad launched a transformation of the organization through the application of operational best practices and improved efficiencies, resulting in record revenues and profit margins. In 2003 he joined a BMC Software business partner, InfoSpectrum/GSS America, where he was instrumental in growing its revenue by more than 700%. Brad is the current Chairman for the Hampton Roads Innovation Collaborative.



**Mrs. Patti Hamilton - President/CEO Hamilton Consulting Solutions Corp
Entrepreneur Panel Moderator**

HCSC established in 2008 and headquartered in Chesapeake, VA is a Woman Owned Small Business Management Consulting Firm.

Mrs. Hamilton has over 20 plus years of DoD, government and financial experience. Patti was a Branch Manager and Loan Officer before working for the Federal Government in the Cruise Missile Program from 1986 through 2000. In 2000 Mrs. Hamilton moved into Federal Contracting working for SAIC as the Deputy Branch Manager for the Cruise Missile Program Office. She also worked on various projects as Project Manager conducting Independent Validation and Verification in the United Kingdom and the Middle East. In 2008 Patti left to start

HCSC.



**Dan McPeters, Co-Founder and CTO of Applings Studio
Emerging Technology Panel Member**

Applings Studio is a start-up software development company creating augmented and mixed reality solutions for large and small customers alike, whether for educational STEM outreach, university research, or marketing and entertainment. Before founding Applings Studio, Dan honorably served the United States Air Force, serving in both Operation Enduring Freedom and Operation Iraqi Freedom. After Service, Dan became a Designer for Newport News Shipbuilding, participating in all phases of survivability system design as well as led the build and test of all federated network management systems for the U.S.S Gerald R. Ford. After the delivery of the Ford, Dan joined the augmented reality team as a Software Engineer producing tools to aid in digital

transformation from paper drawings to digital tools. Dan is now Lead Research Engineer for the Advanced Technologies Lab at NNS, investigating emerging technologies that further the digital transformation.



**Peter R. Zendzian, President, ZZ Servers
Cyber Security Breakout Session Leader**

With more than twenty-nine years of engineering, operational and management experience, Peter Zendzian has developed a keen perception of project objectives, analytical resolution of problems, and a sense of urgency to get the job done.

His career encompasses a successful 20-year career in the United States Navy where he served onboard Helicopter Mine Recovery Squadron 15, Torpedo Retriever Condor, USS Normandy, Fleet Technical Support Center Atlantic Fleet and Multi National Forces Iraq.

As a President of ZZ Servers, he works with clients to find solution to their security problems. His keen sense of detail helps make sure every aspect a client's information is secured and compliant with government and industry regulations. His clients have ranged from giants such as Wells Fargo Bank to online "Mom-and-Pop" retail shops.



Martin J. "Marty" Kaszubowski
Finance Breakout Panel Member

Marty Kaszubowski has over 35 years of experience with a broad spectrum of public- and private-sector organizations promoting new venture formation, early-stage investment, technology commercialization, and innovation-led economic development. Marty currently serves as Executive Director for Innovation Initiatives within Old Dominion University's newly-created Institute for Innovation & Entrepreneurship, which offers a collection of integrated services for existing and new businesses, with an emphasis on the formation of new, high-growth ventures. Prior to his time at ODU, Marty was President of General Ideas, a technology venture consultancy working with US and European start-ups and early-stage companies seeking to establish viable business models and prepare for initial investment. He is a member of several startup company boards and is currently a member of the Board of Directors of the Launch Place, StartWheel, The

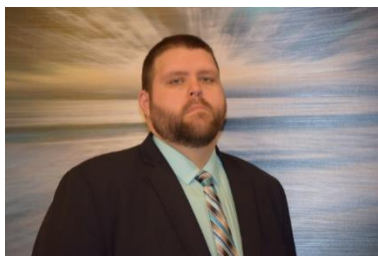
Hampton Roads Innovation Collaborative, Virginia's Center for Innovative Technology, and the Norfolk State University Research and Innovation Foundation. Marty holds a Bachelor of Science Degree in Aerospace Engineering from the University of Michigan, and a Master of Science Degree in Technology Management from the George Washington University.



Joe McMahon – Navy Command Information Officer
CIO Panel Member

Joe serves as the Command Information Officer (CIO) for the Naval Safety Center in Norfolk, VA. A results-oriented leader with a proven track record for technology and transformational change management, capital planning and investment control, and development of formally adopted enterprise-wide business transformation strategies, including two federal agencies: Department of the Navy and Department of the Interior (Bureau of Land Management). Joe has held senior leadership and board positions in federal, defense, corporate, academic, and non-profit sectors. He currently serves as Chair, Engineering Advisory Board, at Norfolk State University.

In 2011, Joe was recognized with the Congressional Special Certificate of Recognition for "Outstanding and invaluable service to the community" for his active mentorship, innovative approach and outstanding results promoting science, technology, engineering and math programs to develop our regional and national workforce pipeline from classrooms to boardrooms.



Daniel Jones – CIO City of Portsmouth
CIO Panel Member

Daniel Jones has served as the Chief Information Officer (CIO) for the City of Portsmouth, VA since 2016. Daniel strategically leads 33 employees encompassing two divisions of the Department of Information Technology. With more than 15 years of Information Technology experience, Daniel strives for a holistic approach to Information Technology through digital inclusion. Currently, key initiatives include the transformation of Portsmouth, VA into a

Smart & Secure City as identified by City Council. Those initiatives include a broadband municipal fiber network and connectivity of unserved and underserved communities. Additionally, Daniel serves on advisory boards of Virginia Cyber Alliance and Hampton Roads Regional Broadband Steering Committee.

Daniel holds a Bachelor of Science degree in Business Administration, Masters degree of Business Administration, and Master of Science in Managing Information Technology from Sullivan University.



**Chuck Williams - City of Chesapeake Assistant Director of IT & HIPAA Security Officer
CIO Panel Moderator**

Chuck Williams is a veteran intrapreneur with over 20 years of leading large-scale first-in-enterprise efforts for Fortune 100, not-for-profits, and government. Leading the operations of Chesapeake's IT department, Chuck's teams have recently moved major public safety functions and city infrastructure to the city's new Public Safety Operations Center which included the City 911 Call Center and new datacenter. The teams have also successfully moved mainframe operations from the city's old data center to a hosted environment in Boston. Chuck and his teams have been recognized regionally and nationally as recipients of CIO Magazine, CIO 100; Inside Business, Forty Under 40; Commonwealth of Virginia Innovative Technology Symposium, Virginia Governor's Technology Award for Innovation in Technology for K-12 Education; and Association of Public Television Stations, Edge Award for Innovative Use of Digital Technology.



**Barry Ezell - Chief Scientist leading research at the Virginia Modeling, Analysis, and Simulation Center
Emerging Technology Panel Member**

Mr. Ezell has been at Old Dominion University since 2011, conducting applied research and consulting on projects, and offering senior leaders highly specialized expertise in strategy development, multi-objective portfolio decision analysis, simulation, risk management, and data analytics. Barry develops business opportunities and leads projects for multiple governmental agencies, to include DHS National Bio-surveillance Integration Center, DHS National Program and Protection Directorate, National Institute of Standards & Technology, Sandia National Labs, National Nuclear Security Administration, and portfolio resource allocation for the Virginia Homeland Security, Emergency Management, and Mitigation Grant Programs. Certified subject matter risk expert for the Risk Assistance Network + Exchange, RANE Corporation and certified Open FAIR™ Foundation.