

We are proud to announce our STEM Summit IV speakers



SPEAKER BIOGRAPHIES

STEM Summit IV is Presented by:





Tracy L Albers, Ph.D.

President and CTO of Rapid Prototype and Manufacturing LLC

Dr. Tracy Albers is the President and CTO of Rapid Prototype and Manufacturing LLC (rp+m). In this role she develops and executes rp+m's business strategy, focusing on the use of additive manufacturing in a production environment for aerospace applications. Dr. Albers has been recognized for her leadership in technology by Crain's Cleveland Business in "Who to Watch: Manufacturing" and as a distinguished "Top 40 Under 40." She has been profiled by the women's advocacy group, "Women in 3D-Printing." Dr. Albers has a Ph.D. degree in Physical Chemistry and two BS degrees in Chemistry and Exercise Physiology.



Ron Bergh

Southeast Regional Business Development Manager of Kelly Engineering Resources

Business Development Manager with a heavy background in the engineering staffing vertical. Industries include: Manufacturing, Industrial Engineering, MEP, EPC, A&E, Civil, Process, Energy, Health & Science, Med Device, Material Handling, Machine Design. Ron takes a personal interest in opportunities to identify creative solutions to complete projects within time and budget constraints, has knowledgeable in the latest industry and technologies trends.



Charlie Camarda

Founder/CEO of the Epic Education Foundation,

President Leading Edge Enterprises LLC, Retired NASA Astronaut

Dr. Charles Camarda retired from NASA in May 2019, after 45 years of continuous service as a research engineer and technical manager at Langley Research Center (LaRC), an Astronaut and Senior Executive (Director of Engineering) at Johnson Space Center (JSC), and as the Senior Advisor for Innovation and Engineering Development at LaRC. Dr. Camarda is an inventor, author, educator, and internationally recognized invited speaker on subjects related to engineering, engineering design, innovation, safety, organizational behavior, and education. He has over 60 technical publications, holds 9 patents, and over 20 national and international awards. Dr. Camarda is the Founder/CEO of the Epic Education Foundation, a 501(c)3 nonprofit corporation seeking to democratize education for learners at all levels and he is the President of an aerospace engineering and education consultancy, Leading Edge Enterprises LLC.



Curtis Carlson, Ph.D.

Distinguished Executive in Residence at Worcester Polytechnic Institute; Former President and CEO of SRI International

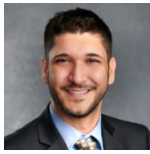
Dr. Curt Carlson is best-known as President and CEO of SRI International in Silicon Valley from 1998 to 2014. During this time SRI's revenue tripled and SRI became recognized as one of the world's most productive innovation enterprises, having helped create Siri, HDTV, Intuitive Surgical, and many other world-changing innovations. He co-authored with William Wilmot the book "Innovation: The Five Disciplines for Creating what Customers Want," selected by BusinessWeek as a Top-10 Business Book, describing the innovation principles learned over his career that significantly improve innovative output. Curt has helped create more than two dozen new companies. His teams have won two Emmys (one for HDTV), he is a member of the National Academy of Inventors, and he has advised ministers and prime ministers around the world on innovation practices and innovation policy. Curt currently serves as Distinguished Executive in Residence, partnering with Worcester Polytechnic Institute, teaching value-creation methodology, Innovation for Impact (i4i).



Kevin Carr

CEO, FloridaMakes

Kevin has dedicated most of his career to enhancing the nation's manufacturing sector, with a focus on improving the competitiveness and profitability of small and medium-size manufacturers. Kevin comes to FloridaMakes having led the National Institute of Standards and Technology's Hollings Manufacturing Extension Partnership (NIST MEP). Joining NIST in the first year of this experimental program, Kevin became the first NIST MEP Director, building the program from just 7 pilot states to a nationally integrated system serving manufacturers in all 50 states and Puerto Rico. Under his leadership with state and federal policymakers, Kevin has worked to increase manufacturers' access to appropriate advanced manufacturing technology and resources through the federal labs and centers of excellence, and has challenged the MEP system to cultivate best practices, best-in-class services, and promote increased use of existing public and private resources to improve the foundation and future of American manufacturing. To date, MEP has worked with nearly 80,000 manufacturers, leading to \$88 billion in sales and \$14 billion in cost savings, and has helped create more than 729,000 jobs.



Tolga Cengiz

Senior Director of Domain Intelligence at Kelly Services

Tolga is the Senior Director of Domain Intelligence at Kelly Services. He started off his career as an engineer at National Instruments where he worked directly with NASA and private aerospace firms in Silicon Valley to solve engineering challenges. He has also worked in strategy and partnerships roles at Samsung, Dell and Fossil Group to identify market opportunities and bring new technology solutions to market. In his current role, he is responsible for identifying market trends in engineering and technology, aligning Kelly's direction with these trends, and engaging in strategic partnerships with solution providers.



Michelle Chernicoff

Senior Communication Specialist, Global Forensic and Justice Center & National Forensic Science Technology Center (NFSTC), Florida International University

Mrs. Chernicoff is a seasoned media and public relations professional with over 14 years combined experience. As a news producer in Charlotte, North Carolina, she was responsible for the writing, editing and formatting of up to three-hour long. As a public relations professional, Mrs. Chernicoff earned close to \$200,000 in media hits for all four of her clients. Moving on to the marketing director for a coconut oil company, she mapped out the strategic plan to grow organic exposure. She joined NFSTC@FIU in 2014 and has worked to grow the brand, voice and exposure in the forensic science field.



Matthew K. Choy

Director of Talent, Education and Quality of Life Policy at the Florida Chamber of Commerce

Matthew K. Choy serves as Director of Talent, Education and Quality of Life Policy at the Florida Chamber of Commerce, where he is the primary advocate for education and healthcare issues. On behalf of the state's largest business association, Matthew builds diverse coalitions of business leaders, academics, and policymakers to tackle some of Florida's most pressing and difficult challenges. Matthew holds a B.A. from the Florida State University and a M.B.A. from Rollins College. Prior to the Florida Chamber, Matthew directed multistate government affairs for Scotts Miracle-Gro and served as a legislative aide to now Florida Speaker Pro Tempore MaryLynn Magar.



Peter R. Classen

Representing Grahampton & Co, Washington D.C.

Peter R. Classen is a strategist and change agent with three decades at the helm of large-scale corporate, industry sector, and even national-scale transformations. His work in the service of corporations, investors, and governments, (including Heads of State) has seen him living on five continents. His ability to generate unique insights and roadmaps has afforded him the opportunity to work hand-in-hand with 7 of Forbes' Magazine's 100 Wealthiest Individuals on some of the most complicated and thorny national education-industry-workforce transformation initiatives imaginable. He serves on the boards of two foundations, several new ventures, and is currently authoring on the topic of Virtual Leadership.

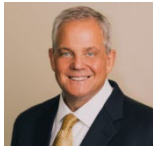


Josh Cramer

Director of Education and Workforce Development – America Makes/NCDMM

Josh Cramer joined NCDMM in 2018 as the Education and Workforce Director for America Makes, providing overall program leadership responsibility for all America Makes' and NCDMM Education and Workforce initiatives. Previously, Josh served as the Director of Educational Programs at the SME Education Foundation, monitoring, promoting, and evaluating all its major programs. In addition to those duties, he also served for a time as the Interim Executive Director of the Foundation. At the SME Education Foundation, Josh's duties entailed actively collaborating with manufacturing partners to assess the knowledge and skillset needs to establish strategic plans while building programs to meet the skills gap needs of manufacturers. Before joining the SME Education Foundation, Josh was the Director of School Engagement, for Project Lead The Way (PLTW), a nonprofit organization that provides a transformative learning experience for PreK-12 students and teachers across the U.S. Josh started his education career as an Applied Engineering Instructor for the South Park School District in South Park, Pa.

Josh holds a Master's in Education and a Bachelor of Science in Education and Industrial Technology from the California University of Pennsylvania as well as Engineering Education certification.



Marshall Criser III
Chancellor of the State University System of Florida

Criser is the former president of AT&T Florida and a longtime education leader in the state. He took office as chancellor in January of 2014, fully dedicating himself to his passion of higher education advocacy. The Board of Governors of the State University System selected him unanimously for the post. Criser served on Florida's Higher Education Coordinating Council, including serving as vice-chair and co-chair, a role he began as the Florida House Speaker's inaugural appointee as a representative of the business community and continues as chancellor. He currently serves as a member of the Florida Council of 100, where he is a former chair. He is also a member of the Enterprise Florida Board, the Florida Chamber of Commerce Board of Directors, Co-Chair of the Florida Chamber of Commerce Past Chairs Council and the Florida Chamber 2025 Strategic Planning Committee.



Dr. Edward J. Degnan
Director for Modeling and Simulation (M&S) Foundations at the Air Force Agency for Modeling and Simulation (AFAMS)

Dr. Edward Degnan is a leading educator and researcher with a 35-year military, academic, and government career. He holds a doctorate in the field of Educational Leadership from the University of Central Florida and an advanced degree in Industrial Management from Lynchburg College. Dr. Degnan is retired from the military where he worked on design, analysis of interactive computer simulations for both the US Army and the US Air Force. Currently Dr. Degnan is working for the USAF at Air Force Agency for Modeling and Simulation (AFAMS) on finding solutions to the cross foundational M&S issues in order to have an educated and trained AF M&S workforce and to establish an integrated and persistent environment that improves warfighter capabilities within the USAF, Joint and Coalition communities.



Jon Dudas
Senior Vice President, Senior Associate to the President and Secretary of the University, University of Arizona

Jon Dudas, Senior Vice President and Chief of Staff for the University of Arizona, oversees the Divisions of the Office of the Secretary, University Information Technology Services and Title IX and Institutional Equity. He worked for the US government for 14 years as Under Secretary of Commerce for Intellectual Property and Director of the US Patent and Trademark Office. Prior to this, he served as a senior staffer in the US House of Representatives. Jon has also been a partner of a law firm, president of a large non-profit organization (aimed at inspiring children to pursue majors and careers in STEM) and a senior executive and member of the Board of Directors of a technology licensing company.



Tonya Elmore
President and CEO, Tampa Bay Innovation Center

Ms. Elmore is the president & CEO of the Tampa Bay Innovation Center. The Innovation Center, an accelerator for early-stage technology firms, is a regional, national and international known success story that has been in operation for seventeen years that continues to build momentum for the tech startup community in Pinellas County and the Tampa Bay region. Tonya serves on numerous Community Boards and was recently recognized as one of the 25 people to watch in 2020 by the Tampa Bay Business Journal and as People to Know in St. Petersburg by Florida Trend.



Dr. Mabry Gaboardi Calhoun
STEM Educational Consultant

Dr. Gaboardi Calhoun earned her B.S. and Ph.D. in Geological Sciences from Florida State University. At the Florida Center for Research in Science, Technology, Engineering, and Mathematics, she helped facilitate the partnership between top-level scientists and educators in order to create content-focused STEM teacher professional development. Additionally, she collaborated to organize meetings and focus groups for leaders from business, education, government, and research to create a STEM plan for the state of Florida. She was an Assistant and Associate Professor of Earth Science at Tallahassee Community College for seven years. She is currently a STEM Educational Consultant.



Sean Gallagan, PhD
President, Consultant, Educator, Aviation Workforce Solutions, Inc.

Dr. Sean Gallagan is the founder and CEO of Aviation Workforce Solutions (AWS) - providing services to select aviation companies to grow their business through workforce acquisition and retention as well as providing training development and implementation. Prior to AWS, he served as the Associate Dean overseeing transportation programs at Broward College and Principal of George T. Baker Aviation Technical College. He has dedicated over 30 years to public education including over 10 years in workforce development. He is a subject matter expert in numerous academic and business fields including workforce development, education, technology, aviation, career and technical education.



Christina Heard
Public Relations and Communications Specialist at SOFWERX

Christina Heard is the mouthpiece of innovation at SOFWERX, a mission driven non-profit, dedicated to discovering best-of-breed technologies to support the USSOCOM Warfighter. Whether its coordinating a series of drone prototyping events, executing communication strategies, or supporting STEM efforts, she is consistently growing the SOFWERX network through digital media and outreach efforts.



Art Hoelke

Vice President and General Manager of Knight's Armament Company

Art Hoelke is vice president and general manager of Knight's Armament Company. He joined KAC in 1991 and has over 30 years of experience in armament processes including design, manufacturing, testing and quality control. Art is the recipient of the 2010 FLATE Industry Distinguished Service Award which recognizes industry leaders for their outstanding contributions to promote technology education and career awareness in support of manufacturing. He received the President's Award from the Manufacturing Associate of Central Florida in 2016 for his dedication and involvement leveraging the community's differences, strengths, and skills to achieve results in education and advanced manufacturing. He serves as a member of Council of Women in Defense working on educational and STEM-related initiatives. Art establishes strategic crosswalks between education and industry. His ability to build symmetry between high schools and local industries have given students advancement opportunities in manufacturing operations as they learn real life skills.



Marc Hoenstine

**CEcD – Chair for Florida Economic Development Council
and Director of Economic Development at Duke Energy Corporation**

Marc directs Duke Energy Florida's efforts to retain and expand their existing commercial and industrial customer base as well as attract new customers to the company's 35-county service territory. His work includes product development, site location services, demographics analysis, rate and cost comparisons, and support for state, regional and local partners. Marc is a Certified Economic Developer (CEcD), and he serves as chair of the Florida Economic Development Council Board and is a member of the Orlando Economic Partnership board and the Haines City EDC board.



Max M. Houck, Ph.D., FRSC

Forensic Portfolio Innovator, Global Forensic and Justice Center

An international expert in the forensic sciences, Dr. Max M. Houck has nearly 30 years of expertise in casework, research, speaking, and writing. His committee work includes the White House, the National Academies of Science, the Royal Society, and Interpol. Dr. Houck is one of the most published professionals in his field. He is Editor-in-Chief of Forensic Science International: Synergy, a Gold Open Access journal. Dr. Houck is a Fellow of the Royal Society of Chemistry.



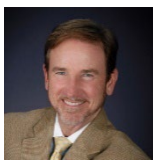
Greg Jones
Vice President, Smartforce Development, The Association for Manufacturing Technology

Greg leads AMT's effort to build a better educated and trained workforce for the advanced manufacturing industry, forging relationships with like-minded industry, education and governmental organizations to develop and promote workforce programs including apprenticeships. In his role at AMT, Greg is a member of the NIMS Board of Directors. Greg's team produces the Smartforce Student Summit at IMTS – The International Manufacturing Technology Show. The student summit provides hands-on activities to encourage young people to seek an education in STEM and a career in manufacturing. In 2001, Greg was part of the executive team that launched ToolingU, the industry's leading e-Learning initiative. At AMT, Greg's team is developing new e-Learning content for schools around transformational technologies.



Michael Kepner II, M.A.
Director, Valencia College Advanced Mfg. Training Center

As the Director for the Valencia College – Advanced Manufacturing Programs Mike has responsibility for training programs designed to provide relevant, technical skills and pathways into the manufacturing and logistics career fields. Prior to entering the educational profession, Mike served 23 years in the US Army in a variety of leadership and operational positions to include multiple overseas missions. Mike remains an active advocate for Veterans and their families. He was selected as an OBJ, 2018 Veteran of Influence for his work focused on educational and employment opportunities for Veterans. Mike graduated from UCF earning a Master's Degree in Educational Leadership.



Dale Ketcham
VP Government & External Relations of Space Florida

Ketcham has dedicated a lifetime to growing Florida's share of the space marketplace. Growing up in Cocoa Beach in the 60's and coming of age with the race to the Moon, he started with the Shuttle after the University of Florida. Further career moves always focused upon the region's development in the exploration of space. Throughout his career with Congress, private sector, academia, and now the State, he was ever aware that California, Texas, Alabama had long dominated through political influence when space was a government program. Now with commercial space, there is redemption that Florida is asserting itself from a more powerful position.



John F. Krug
Economic Development Manager of Niagara Bottling

John joined Niagara Bottling in 2016 and serves as a manager in the company's Economic Development and Government Relations group. He is part of an interdisciplinary team whose primary focus is to expand manufacturing operations worldwide. He also shares responsibility for community and government relations, and legislative affairs, in various states and municipalities where Niagara bottling operations are located. John is an accomplished business and community leader whose experience includes over 30 years of service to private companies in site selection, leadership in economic development and management of nonprofit organizations.



Tarun Kumaravel
Mechatronics Apprentice at OneWeb Satellites and
Mechatronics engineering student at Eastern Florida State College

Tarun Kumaravel is an 18-year old who learned CNC skills, CAD and CAM design at Lake Mary High School. He participated in the NASA HUNCH Program for 3 years, FIRST Robotics for 4 years, and manufactured firefighter rescue wedges for Lake Mary Fire Department. Tarun qualified to go to IMTS 2018 – The International Manufacturing Technology Show held every two years in Chicago, Illinois. He connected with OneWeb Satellites, a Satellite Manufacturing company on Florida's Space Coast, and landed a Mechatronics apprenticeship through SCCAP. OneWeb Satellites pays for classes at Eastern State College 2 days a week, where Tarun is earning a Mechatronics Engineering degree. Tarun applies the Mechatronics knowledge he learns at college in his OneWeb job assembling satellites. Everything in the aerospace industry is an opportunity for Tarun now.



Gerald M. LaPorte
Director of Research Innovation, Global Forensic and Justice Center

Mr. LaPorte is the Director of Research Innovation at the Global Forensic and Justice Center (GFJC), a preeminent program of Florida International University (FIU). The GFJC coordinates all forensic science and criminal justice efforts at FIU. Mr. LaPorte has been employed in the forensic sciences since 1993, including the Director of the Office of Investigative and Forensic Sciences at the National Institute of Justice and Chief Research Forensic Chemist at the United States Secret Service. He has authored numerous publications, including chapters in forensic science textbooks, and has testified as an expert witness in International and U.S. Courts over 100 times.



Emma Laurin
CEO and founder at Visionalley

Emma Laurin runs a boutique venture building firm with global clients. Our base is in Valencia, Spain but our team is virtual and global. Being a Swede I run the firm the Nordic way, doing my best to set the right environment for continuous learning, where my passion is to bring the best in class team together with corporates and entrepreneurs to create the products that will change our tomorrow.



Kevin Lothridge
Executive Director, National Forensic Science Technology Center (NFSTC), Florida International University

Mr. Lothridge is a well-respected forensic scientist and business leader with more than 28 years of experience in the international forensic community. His science and technical background, coupled with his business acumen and natural leadership abilities has enabled his rise from drug chemist to laboratory director to executive roles in both the National Forensic Science Technology Center (NFSTC@FIU) and Florida International University's preeminent Global Forensic and Justice Center (GFJC). His expertise covers multiple areas of forensic science, including drug and explosive chemistry, fire debris analysis, forensic intelligence, and emerging forensic technologies.



Henry Mack
Chancellor, Florida Department of Education

Henry Mack currently serves as the Chancellor for Career, Technical and Adult Education at the Florida Department of Education, a position he has held since November of 2019. As Chancellor, he helps oversee all workforce education programs and economic development initiatives for the department. Prior to serving as Chancellor, he was the associate vice president for workforce education and innovation at Broward College, overseeing all of the college's career and technical education programs, its innovation and entrepreneurship hub, and a variety of other economic development related initiatives. He also served as an associate dean of academic affairs at Broward College, and held various positions at Florida International University and the University of Miami as a visiting professor. He served as host of South Florida PBS Viewpoint and Issues, two weekly television shows dedicated to exploring issues in public policy, ethics, and religion.



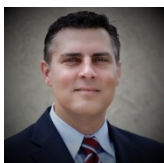
Dr. Albert Manero
President of Limbitless Solutions

Dr. Albert Manero attended East Lake High School engineering program and now at 31-years old is the co-founder and president of Limbitless Solutions non-profit, a direct support organization for the University of Central Florida. Limbitless Solutions is an engineering innovation company that helps children in need through the design and delivery of multi-gesture bionic limbs. Access to prosthetics for children is often challenging due to exceptionally high costs or traditional device's weight. The team uses additive manufacturing (3D printing) to design artistic & personalized bionics, that maximize both expression and function, and donates each device to families in need. He holds a Ph.D. in mechanical engineering from the University of Central Florida and research collaborator appointments from both UCF and Mayo Clinic Jacksonville. Albert was a Fulbright Scholar to Germany during his doctoral research, and completed the Mirzayan science policy fellowship with the National Academy of Engineering. His research looks to advance accessibility to bionics and inclusivity in STEAM education, while leading their mixed learning laboratory for interdisciplinary student research at UCF.



Dehryl R. McCall Jr.
Senior Director, Business & Workforce Development of CareerSource Florida

Dehryl McCall is the Senior Director of Business and Workforce Development at CareerSource Florida, the non-profit, public-private workforce policy board led by business and charged with developing strategies and policies for Florida's workforce system. He advances CareerSource Florida's mission to connect employers with qualified, skilled talent and Floridians with employment and career development opportunities to achieve economic prosperity. Dehryl received a B.S. in Social Work from Florida State University and is working toward becoming a Certified Economic Developer (CEcD) through the International Economic Development Council. Dehryl has led many high level economic and workforce development projects within his 24 years of professional experience in workforce development.



Robert P. Mino, JD, MBA, MS
VP of Life Science for the Business Development Board of Palm Beach County

Robert Mino is an Entrepreneur-in-Residence for University of Florida Innovate, a BioFlorida Chapter Chair, and a life sciences consultant. He has previously worked as a general counsel, scientist, sales rep, marketer, entrepreneur, and life sciences economic developer. He holds a JD, MBA, and MS, Medical Sciences, degrees from the University of Florida and a BS in Genetics from University of Georgia. Additionally, he holds a Certificate in regulatory affairs for pharmaceutical and medical devices from RAPS and a Certificate in Copyright Law from Harvard Law. He is a Patent Attorney Registered with the United States Patent and Trademark Office and is licensed to practice law in Florida, District of Columbia, and Massachusetts.



Brian "Mitch" Mitchell

AFRL Munitions Directorate's STEM outreach coordinator, Eglin Air Force Base

Brian "Mitch" Mitchell is the STEM Education Outreach Coordinator for Eglin Air Force Base. In this role, he leads K-20 initiatives, and he serves as the program manager for AFRL Scholars, which provides summer internships to high school and university students. Before this, he served as an aerospace medicine specialist for more than 20 years in both active duty and reservist functions. After retiring from the Air Force, he worked in marketing and strategic communications. Today, he manages multiple initiatives that reach more than 20,000 students across Northwest Florida. In his free time, Mitch and his wife enjoy running, traveling and all things Disney.



Karen Sinclair Molek

Department Chair and Associate Professor of Chemistry at University of West Florida

Molek began teaching at UWF in 2008 and has led a team winning more than \$3 million in external grant funding based on the successful model Chemistry Scholars Program, including \$2.4 million from the National Institutes for Health (NIH) and \$649,888 from the National Science Foundation (NSF). The NIH funding established MARC Scholars in 2014 to increase the number of underrepresented minority students in Biology, Chemistry and Physics pursuing research careers. The NSF funding established S-STEM Scholars in 2016 to increase retention, graduation, and employment rates among financially disadvantaged, academically talented students in the Hal Marcus College of Science and Engineering.



Thomas A. Mudano

Executive Director of AmSkills, Inc.

AmSkills, a 501c3 non-profit organization was established in November 2014 as an Economic Development Initiative specifically to establish workforce and apprenticeship training programs for the manufacturing industry. Mr. Mudano became the Executive Director in 2016 and has successfully launched two high school manufacturing programs and established a Florida Department of Education Registered Apprenticeship Program with six competency-based manufacturing occupations. Mr. Mudano considers recruitment into the industry THE biggest problem that WE must solve.



Mike Nager
Business Development Mgr., FESTO Solutions Center

Mike Nager is an electrical engineer and for the majority of his career has worked for manufacturers of industrial controls, helping other US based manufacturers become more efficient and compete on the world stage. He currently works in the Solution Center of Festo Didactic, the department that develops highly advanced and customized Industry 4.0 training and education programs for technical schools and universities. He has published several technical articles and provided the keynote address for prominent industry and government events and has been on the advisory board for several schools.



Richard "Ted" Norman III, Ed.S.
State Director of Apprenticeship, Division of Career and Adult Education, Florida Department of Education

Richard "Ted" Norman serves as the State Director of Apprenticeship for the State of Florida. He has taught at the middle, high school, and adult levels. He served for a period as the regional director for the Manufacturing Skill Standards Council (MSSC) and CTE Specialist at Educational Testing Service (ETS) developing teacher certification exams. He is a 2008 distinguished educator recipient from the University of Florida and the 2009 St. Lucie County teacher of the year. He is a US Navy veteran and holds an Educational Specialist degree in Educational Leadership.



Ms. Adele Ratcliff
Director, Industrial Base Analysis & Sustainment of United States Department of Defense

Ms. Adele Ratcliff is currently the Director of the Industrial Base Analysis & Sustainment Program (IBAS) Program within the Office of the Deputy Assistant Secretary of Defense for Industrial Policy (IndPol). During her tenure in the Office of the Secretary of Defense, she has focused on building strong interagency partnerships to address broad transition of manufacturing issues, such as manufacturing readiness and the Advanced Manufacturing Enterprise. Her current position uses the broad authorities of the IBAS program element to enable a modern Industrial Base that integrates traditional and emerging sectors to be able to respond at will to National Security Requirements.



Bill "Roto" Reuter, Capt., USN (RET)

President and Founder of R-Squared Solutions, LLC

Roto is a dynamic, accomplished businessman and federal military advisor with decades of experience developing high-performing organizations. Today, Roto is the President of R-Squared Solutions. This respected consulting firm provides winning proposal development services for DoD and federal departments. Roto also offers executive-level coaching, and high-performing organization services to a broad range of organizations.



Stuart Rogel

President of Graylan Ventures, LLC

Stuart Rogel is an entrepreneurial-minded executive who creates economic prosperity by building successful businesses. In his current role as President of Graylan Ventures, and previously as Founding CEO of the Tampa Bay Partnership, Stuart has spent more than 30 years building paths to prosperity for companies that range from start-up to Fortune 500. With broad and deep expertise in business development, economic development and private equity capital formation, Stuart identifies growth opportunities and puts in place strategies, partnerships, programs and processes to reach ambitious goals. Stuart serves on the GrowFL Advisory Board and has recently been certified by the Edward Lowe Foundation's National Center for Economic Gardening to assist small, second-stage growth companies. He is a strategic advisor to ProspEquity Partners, a Florida-based private equity firm. He serves on the BBVA Bank Board of Advisors and United Way Suncoast Board of Directors and is the past chair of the Urban Land Institute - Tampa Bay District Council.



Dan Rosato

**Graduate Research Assistant at the Propulsion and Energy Research Lab at UCF,
Currently pursuing a Ph.D. in Mechanical Engineering**

Daniel Rosato is a 24-year-old engineering student currently pursuing a master's degree in Aerospace Engineering and a Ph.D. in Mechanical Engineering. He graduated as the valedictorian of the East Lake High School engineering program where he had the opportunity to engage with and learn multiple STEM subjects, including robotics, cybersecurity, and advanced manufacturing. After high school, Dan worked as an engineering intern/machinist for BIC Graphic Clearwater, where he programmed and operated CNC mills, and then began college at the University of Central Florida. As an undergraduate at UCF, he spent 3 years conducting research on detonations for use in hypersonic propulsion systems in the Propulsion and Energy Research Lab. After completing his undergraduate degree in May 2019, Dan spent a summer working as a student fellow as part of the SFFP at the Air Force Research Lab in Dayton, Ohio before returning to UCF and the Propulsion and Energy Research Lab to begin his graduate degrees. He completes his MSAE this December and expects to finish his Ph.D. in 2022.



Paul A. Sohl, Rear Adm. USN (Ret)
CEO, Florida High Tech Corridor Council

Paul Sohl is CEO of the Florida High Tech Corridor Council, an economic development initiative of the University of Central Florida, the University of South Florida and the University of Florida, to attract, retain and grow high tech industry and innovation – and the workforce to support it – in a 23-county region. As CEO, he facilitates collaboration between the three universities and their partners in economic development, and oversees The Corridor Council’s portfolio of programs, including its Matching Grants Research Program, K-12 educational resource stemCONNECT and the Florida Virtual Entrepreneur Center. Sohl joined The Corridor Council in June 2020, following more than three decades of service in the U.S. Navy as an F/A-18 pilot, Test Pilot, and acquisition professional. He retired as Rear Admiral, commanding the Navy’s Operational Test and Evaluation Force. Sohl holds a bachelor’s degree in aeronautical engineering from the Massachusetts Institute of Technology and a master’s degree in aeronautical and astronautical engineering from Stanford University. Additionally, he is a graduate and former Commanding Officer of the U.S. Naval Test Pilot School, Patuxent River, Maryland.



Jamal Sowell
President & CEO of Enterprise Florida, Inc., Florida Secretary of Commerce

Jamal Sowell, Florida’s Secretary of Commerce and President & CEO of Enterprise Florida, Inc. serves as a major contributor to the success of Florida’s economy through developing and fostering partnerships with businesses in the private sector. Sowell’s previous roles include Chief of Staff for Port Tampa Bay and Special Assistant to former University of Florida President Dr. Bernie Machen. Sowell is a sixth-generation Floridian and veteran of Operation Enduring Freedom Afghanistan. Sowell served in the U.S. Marine Corps, enlisting as a Private First Class and combat engineer, and was eventually commissioned, completing his time as a Captain.



Roy Sweatman
President, Southern Manufacturing Technologies, Inc.

Roy Sweatman is President and owner of Southern Manufacturing Technologies, Inc (SMT), a precision custom manufacturer located in Tampa. SMT’s 100 employees utilize 22 CNC machine tools to produce high precision components for the Aircraft, Aerospace and Defense Industries. Roy is a past National Chairman of the National Tooling and Machining Association. Roy currently serves on the Boards of AmSkills, NIMS, Florida West Coast Chapter of NTMA, BAMA, Career Source Tampa Bay, and Florida Makes where he also chairs the Advanced Manufacturing Workforce Leadership Council. Roy also serves on numerous Advisory Councils such as The Manufacturing Alliance of Hillsborough County, East Lake High School, Middleton High School, River Ridge High School, and Pinellas Technical College where he chairs the Tampa Bay Machining Apprenticeship.



Michelle Yoder

Industrial Engineer at Collins Aerospace, completing her Masters in Engineering Management from University of Central Florida

Michelle Yoder is an industrial engineer at Collins Aerospace in Melbourne, Florida where she has implemented numerous manufacturing cost savings projects. She became involved in engineering at the East Lake High School Engineering Academy. After being heavily involved in FIRST Robotics in high school, Michelle served on the board of directors for Orlando FIRST Robotics for 9 years; she received the FIRST Stellar Alumni award in 2018. Michelle held engineering internships at Jabil Circuit, Nielsen Media Research, Siemens, and Raytheon. At the University of Central Florida, Michelle became president of the UCF Lunar Knights Robotics Team and joined the board for Limbitless Solutions. Michelle completes her master's degree in engineering management this December from the University of Central Florida.