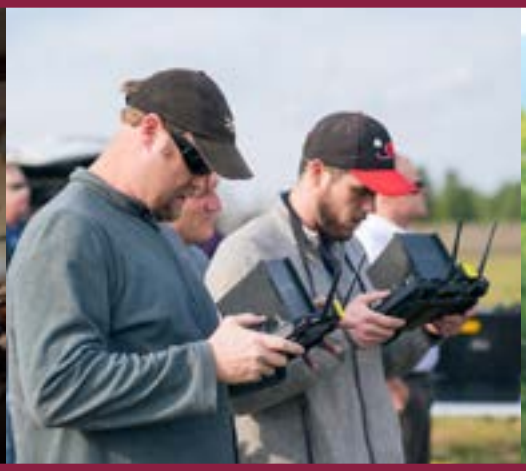
PVCC
PIEDMONT VIRGINIA COMMUNITY COLLEGE

2nd Annual Public Safety UAS

Conference

at King Family Vineyards



March 5 – 7, 2018

EST. 1998
King Family
VINEYARDS

SPONSORS

CONFERENCE SPONSORS

A big thank you to the 2018 Public Safety UAS Conference Sponsors!

SITE SPONSOR

King Family Vineyards | *www.kingfamilyvineyards.com*

Pro Re Nada Farm Brewery | *www.prnbrewery.com*

TITLE SPONSOR & TUESDAY NIGHT DINNER SPONSOR

The Property Drone Consortium | *www.propertydrone.org*

MONDAY NIGHT BEER & WINE SPONSOR

Rocky Mountain Unmanned Systems | *www.rmus.com*

GET SOCIAL

Follow PVCC's UAS Program

- **Facebook: @pvccuas**
- **Twitter: @pvccwfs**
- **Instagram: @pvccwfs**

Tweet live from the 2018 conference!
Use #uasva18 to share your favorite sessions and photos

AGENDA

Monday, March 5, 2018

ALL ATTENDEES

7-8 a.m.
Check-In & Breakfast
Main Hall

8-9 a.m.
Welcome
- **Darren Goodbar, Conference Organizer**
- **Chip Harding, Albemarle County Sheriff's Office**
- **David King, King Family Vineyards**
- **Dr. Frank Friedman, President, PVCC**

Main Hall

9–10 a.m.
FEMA Update
Travis Potter, UAS Coordinator, FEMA Region IV
Main Hall

9:45-10:30 a.m.
Manned/Unmanned Programs
Bill Nabors, Chief Pilot, Texas Department of Public Safety
Main

A.M. CONFERENCE INTENSIVES (Advance Registration Required)

9 a.m.-noon
Scenario/Training Option #1
See insert

9 a.m.-noon
Scenario/Training Option #2
See insert

MORNING BREAKOUT SESSIONS

10:30-noon
Law Enforcement Panel Discussion
- **Jason Antin, FAA LEAP**
- **David Decatur, Sheriff, Stafford County Sheriff's Office**
- **Mark Espenant, Section Head, Decision Support & Project Management, Defense R&D Canada's Centre for Security Science**

Main Hall

9 a.m.-noon
Vendor/Product Demonstrations
See insert

AGENDA

ALL ATTENDEES

noon-2 p.m. — **Lunch & Vendor Exhibition Hour**
Main/Exhibition Hall

noon-2p.m. — **Special Interest Event**
See insert

P.M. CONFERENCE INTENSIVES (Advance Registration Required)

2-5 p.m. — **Scenario/Training Option #1**
See insert

2-5 p.m. — **Scenario/Training Option #2**
See insert

AFTERNOON BREAKOUT SESSIONS

2-3:30 p.m. — **Fire/Life Saving Panel Discussion**

- **Chris Sadler, Chief, York County Special Operations**
- **Adam Trojanowski, DFPC Center of Excellence for Advanced Technology, Aerial Firefighting**
- **Steve Disick, Lieutenant, Albany Fire Department & Pilot/Mission Commander, Albany County Sheriff's Department Drone Unit**

Main

2-3 p.m. — **Vendor/Product Demonstration**
See insert

3-4 p.m. — **Vendor/Product Demonstration**
See insert

3:30-5 p.m. — **Disaster Response Panel Discussion**

- **David Merrick II, Director of the Emergency Management & Homeland Security Program and Research Faculty, FSU**
- **David Martel, UAS Program Manager, Las Vegas Police Department**
- **Paige Cutland, Director, Business Development, Kongsberg Geospatial**

Main

4-5 p.m. — **Vendor/Product Demonstration**
See insert

AGENDA

ALL ATTENDEES

5-6 p.m.
Vendor Exhibit Hall Open
Exhibit Hall

6-9 p.m.
Dinner & Evening Social
Beer & Wine Sponsored by Rocky Mountain Unmanned Systems

Tuesday, March 6

ALL ATTENDEES

7-8 a.m.
Check-In & Breakfast
Main

8-9 a.m.
Keynote Address
Anh Duong, Program Executive for Unmanned Aerial Systems, Department of Homeland Security, Science & Technology Directorate
Main

A.M. CONFERENCE INTENSIVES (Advance Registration Required)

9 a.m.-noon
Scenario/Training Option #1
See insert

9 a.m.-noon
Scenario/Training Option #2
See insert

MORNING BREAKOUT SESSIONS

9-10:30 a.m.
Disaster Response, Commercial Panel Discussion

- **Russel McElyea, Coodinator, Auto-Owners**
- **Ryan English, President and Co-Founder, FLYMOTION Unmanned Systems**
- **Chris Courtney, Chief Pilot & Senior Vice President of Operations, Measure**
- **Sean Cushing, Co-Founder, HAZON Solutions**

Main

9-10 a.m.
Vendor/Product Demonstration
See insert

10-11 a.m.
Vendor/Product Demonstration
See insert

AGENDA

10:30-noon — **sUAS Remote Sensing Panel Discussion**

- **Chad Netto, Chutz Surveying (LiDAR)**
- **Charles Mondello (EO)**
- **Jon McBride, RMUS (Thermal)**
- **Charles Ott, Leidos (Video)**

Main

11 a.m.-noon — **Vendor/Product Demonstration**
See insert

ALL ATTENDEES

noon-2 p.m. — **Lunch & Vendor Exhibition Hour**
Main/Exhibit Hall

noon-2 p.m. — **Special Interest Event**
See insert

P.M. CONFERENCE INTENSIVES (Advance Registration Required)

2-5 p.m. — **Scenario/Training Exercise**
See insert

AFTERNOON BREAKOUT SESSIONS

2-3 p.m. — **FAA Update**
Michael Wilson, Aviation Safety Inspector, Unmanned Aircraft Program Lead
Main

3-4:30 p.m. — **State Agency Integration of sUAS Panel Discussion**

- **Paige Fitzgerald, Delaware Emergency Management Agency**
- **John Sibley, Georgia Department of Transportation**
- **Basil Yap, North Carolina Department of Transportation**
- **Chad Tyson, Principal Unmanned Systems Analyst, PropelUAS**

Main

2-3 p.m. — **Vendor/Product Demonstration**
See insert

3-4 p.m. — **Vendor/Product Demonstration**
See insert

4-5 p.m. — **Vendor/Product Demonstration**
See insert

AGENDA

ALL ATTENDEES

4:30-5 p.m. **Open Mic Night: Stories from the Field**
Main

5-6 p.m. **Vendor Exhibit Hall Open**
Exhibit Hall

6-9 p.m. **Dinner & Evening Social** Sponsored by Property Drone Consortium
King Family Vineyards

Wednesday, March 7

ALL ATTENDEES

7-8 a.m. **Check-In & Breakfast**
Main

8-9 a.m. **Weather Damage Assessment**
Michael Sporer, National Weather Service
Main

MORNING BREAKOUT SESSIONS

9-10:30 a.m. **Emerging Technologies & Threats Panel Discussion**

- **Robert Koester, CEO, dBS Productions**
- **Travis Moran, Strategic Partner, Gryphon Sensors**
- **Paige Cutland, Director, Business Development, Kongsberg Geospatial**
- **David Kovar, URSA**

Main

9-10 a.m. **Vendor/Product Demonstration**
See insert

10-11 a.m. **Vendor/Product Demonstration**
See insert

10:30-noon **Training & Standards Panel Discussion**

- **Dan Longhurst, Standards Coordinator, Justice Technology Information Center**
- **Don Roby, Chairman, Airborne Public Safety Association**
- **Timothy Maloney, Guardian Centers**
- **Jim Blanchard, ScD, Chief Scientist, UAS Academy**

AGENDA

11 a.m.-noon — **Vendor/Product Demonstration**
See insert

ALL ATTENDEES

noon-2 p.m. — **Lunch & Vendor Exhibition Hour**
Main/Exhibit Hall

noon-2 p.m. — **Special Interest Event**
See insert

AFTERNOON SCENARIO BREAKOUTS

2-4 p.m. — **Option #1**
See insert

2-4 p.m. — **Option #2**
See insert

2-4 p.m. — **Option #3**
See insert

CONFERENCE ENDS

4 p.m. — **Closing Remarks**

- **Darren Goodbar, Conference Organizer**
- **Valerie Palamountain, Dean of Workforce Services, Piedmont Virginia Community College**

Main

BIOGRAPHIES

OPENING KEYNOTE

Anh Duong

Program Executive Officer, Unmanned Aerial Systems
Department of Homeland Security, Science & Technology Directorate

Duong, a senior executive, leads the DHS Science & Technology's (S&T) Program Executive Office for Unmanned Aerial Systems (PEO UAS), directing all S&T UAS and counter-UAS efforts. At the interagency level, she co-chairs the Working Group on CUAS Technology with the White House Office of Science & Technology Policy, under the auspices of the National Security Council's Transborder Interagency Policy Committee.

Prior to her current role, Duong led S&T's Borders and Maritime Security Division with a focus on understanding the technical dimension of border, maritime, and cargo security in order to transform science and technology into operating capabilities. Before coming to DHS, Mrs. Duong spent 25 years working for the Department of the Navy. She served as science advisor to the Deputy Chief of Naval Operations for Information, Plans and Strategy, and the director of the Naval Criminal Investigative Service, focusing on anti-terrorism and force protection. Prior to that, she was director for science and technology at the Naval Surface Warfare Center, Indian Head Division, where she was best known for her expertise in high explosives and undersea weapons.

Duong's professional excellence and commitment to public service is widely recognized. She was named an outstanding federal employee by the 111th Congress, honored as an outstanding American Citizen by Choice by the U.S. Customs and Immigration Service, and received numerous prestigious awards including the Service to America Medal for National Security, the Dr. Arthur Bisson Award for Naval Technology Achievement, and the Navy Superior Civilian Service Medal. She was featured in the award-winning documentation film *Why We Fight*, the book *Changing Our World: True Stories of Women Engineers*, on television (as a mastermind behind U.S. thermobaric weapons in the "Future Weapons" Series on Discovery and Military Channels), as well as in numerous newspapers and magazines including the *Wall Street Journal, Washington Post, the Sun, Newsweek*, etc.

PRESENTERS

Jason Antin

Special Agent, Law Enforcement Assistance Program (LEAP), Federal Aviation Administration, AXE-810

As part of the Federal Aviation Administration (FAA), Special Agent Jason Antin is assigned to the Law Enforcement Assistance Program (LEAP) Division, which is part of the Security and Hazardous Materials Safety Office's National Security Programs and Incident Response. Special Agent Antin specializes in unmanned aircraft systems (UAS), small aircraft interdiction and matters that involve violations of aircraft registration, Title 49, United States Code. Special Agent Antin supports national security and drug interdiction efforts through the FAA's Law Enforcement Assistance program whose mission is to deny access to the National Airspace System (NAS) to any person(s) who would threaten National Security by committing criminal acts.

Special Agent Antin performs various functions in the LEAP on behalf of the FAA administrator. He provides training to federal, state and local Law enforcement agencies regarding UAS, aviation smuggling, and is involved in aircraft interdiction operations.

BIOGRAPHIES

Jim Blanchard, ScD

Chief Scientist, UAS Academy

Jim Blanchard, ScD, has spent the last 40 years working for a variety of government, state, and private sector organizations. He has worked in start-up, early-stage, and emerging growth companies for more than 20 years, as an instructor in higher education for more than 14 years; and for government and non-government organizations in the area of applied science focused on human performance assessment. He served in the U.S. Navy from 1976 to 1978 and is a licensed aircraft pilot and vessel captain. He is an active member of numerous Land, Air, and Sea Robotics (LASR) strategy teams within the Department of Defense, the Department of Homeland Security, and state-level defense and Homeland Security program. He currently holds more than 20 patents worldwide and is known for his numerous successes in service, technology, education, retail, and construction markets.

Chris Countney

Chief Pilot & Senior Vice President of Operations, Measure

Chris Courtney has served over 20 years in both the U.S. Army and Coast Guard as an officer, leader, senior aviator, and paratrooper, accumulating over 3,000 flight hours in highly technologically advanced airframes. Senior staff and leadership positions include: chief of current aviation operations in Afghanistan, Coast Guard aviation program resource manager, deputy operations officer, attack helicopter company commander, aerial reconnaissance platoon leader in South Korea, senior instructor pilot, flight standardization officer and flight examiner. He is an expert in worldwide aviation operations, program management, standardization, safety, and training, and has extensive experience flying in combat zones and for homeland security and rescue missions. During his successful career, he earned 11 Meritorious Service, Commendation and Achievement Medals for superior leadership, judgment, performance of duties, and heroics in flight, having saved 37 lives. As Measure's chief pilot and senior vice president of operations he successfully stood up Measure's sUAS program from the ground up, scaled operations from 0 to 4200+ flights across 40+ states, and addressed 20 use cases across six industry verticals for numerous Fortune 500 customers.

Sean Cushing

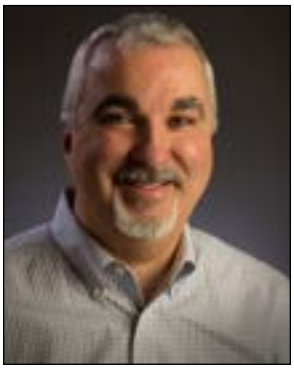
Co-Founder, HAZON Solutions

Sean Cushing, CDR USN (ret.), is the co-founder of HAZON Solutions and is currently the president and COO. He brings with him the leadership experience of a 20-year naval career flying FA-18 Hornets from carriers conducting combat operations. Adopting the best practices from the highly reliability environment of naval carrier and commercial aviation, Cushing motivates his team through proactive leadership and with demanding execution. He participated in world wide combat missions, was a flight and tactics instructor, a Hornet Flight demonstration pilot, a landing signals officer and a strike leader. As a commanding officer he was responsible for 180 personnel and a budget of more than 50 million annually. He is a graduate of the Navy Fighter Weapons School (TOPGUN) and has a master's degree in national security and strategic studies from the Naval War College. When not spending time with his family, he enjoys flying many different aircraft. He is a certified flight instructor, a sUAS pilot, and enjoys racing jets at the Reno Air Races.

BIOGRAPHIES

Paige Cutland

Director, Business Development, Kongsberg Gallium



Paige Cutland was appointed director of business development for Kongsberg Gallium in August 2014. Cutland has been in progressively senior roles with industry since retiring from the Canadian Air Force as a major in 2000.

Cutland flew on the Canadian CP-140 ASW aircraft as an tactical coordinator and mission crew commander. His last posting was to air strategic plans formulating the initial R.C.A.F. requirements for the "JUSTAS" strategic UAS capability. Cutland joined industry in a project management role and has been directly involved in UAS Program delivery and sales to various federal government departments for over 15 years. He is a graduate of the University of Manitoba (B.A. in political science) and the University of Ottawa (M.B.A.).

David P. Decatur, Sheriff, Stafford County Sheriff's Office

Sheriff David Decatur started his law enforcement career in 1986 with the Stafford County Sheriff's Office, after serving as an airborne paratrooper in the United States Army. He served two years as a deputy sheriff/deputy sheriff sergeant assigned to jail operations, then advancing to a patrol deputy assigned to field operations.

Sheriff Decatur has served in numerous positions in the Sheriff's Office to include first sergeant, lieutenant and captain prior to being elevated to the position of major (chief deputy) in 2000. Sheriff Decatur was elected sheriff on November 3, 2015 and took office on January 1, 2016.

Sheriff Decatur is a Rape Aggression Defense (RAD) instructor, defensive tactics instructor and tactical operations instructor and has instructed in other areas such as community policing and leadership. He is also a graduate of the DEA's Drug Unit Commanders Academy, FBI National Academy, and the Virginia Commonwealth University's Public Safety Institute and attended the Leading, Educating and Developing (LEAD) program at the University of Virginia designed for high performance government organizations. Sheriff Decatur is a member of the Virginia Sheriff's Association and the Virginia FBI National Academy Association.

Steve Disick

Lieutenant, Albany Fire Department and a Pilot/Mission Commander, Albany County Sheriff's Department Drone Unit

Steve Disick is a Nationally Certified Fire Service Instructor Level II and has been teaching technical rescue courses for 18 years. These courses include "Urban Search and Rescue Operations," "Swiftwater Rescue," "Trench Rescue," "Rope Rescue and Confined Space Rescue". Many of these courses he has been on the curriculum development teams for.

As a drone pilot, prior to FAA regulations, Disick was incorporating drones into these applications. He now serves on the curriculum development committee for the New York State Basic and Advanced UAS Operators courses at the Department of Homeland Security and Emergency Services Training Center.

BIOGRAPHIES

Ryan English

President & Co-Founder, Flymotion Unmanned Systems

Ryan English is president and co-founder of FLYMOTION Unmanned Systems located in Tampa, Florida. He is responsible for the strategic growth, company direction, and implementing the business strategy visions.

FLYMOTION was formed in 2014 and has quickly become an industry leader in providing innovative unmanned system solutions, technology integration and services for clients globally. FLYMOTION works with industries such as public safety, department of defense, energy, education, security, media/broadcast and more.

English draws from his past operational experience in the U.S. Coast Guard and extensive background in public safety working as a firefighter, paramedic and deputy sheriff assigned to the SWAT team, allowing him to understand the unique technology that unmanned systems offers to public safety professionals. He brings over a decade of successful entrepreneurship to the FLYMOTION team. His forward thinking has, and continues to deliver groundbreaking advancements and innovation in the unmanned system industry. English was born and raised in Salt Lake City, Utah, and it was there that he developed the passion for technology and drive for entrepreneurship.

Mark Espenant

Section Head, Decision Support & Project Management, Centre for Security Science

Mark Espenant works for Defence R&D Canada's Centre for Security Science as section head for decision support and project management and manages projects investigating technologies for first responders, including the use of drones for safety and security applications, and countering inadvertent and malicious threats from drones. He previously was a consultant with CAE Professional Services, and spent 20 years as a land engineering officer in the Canadian Forces, holding positions in field maintenance, headquarters staff and maintenance policy, technical and field instruction, and project management, with extensive experience managing research and development projects. Espenant is a graduate of RMCS Shrivenham in the U.K., with an M.Sc degree in military vehicle technology.

Paige Fitzgerald

Supervisor of Terrorism Preparedness & UAS Program Administrator, Delaware Emergency Management

Paige Fitzgerald is the supervisor of terrorism preparedness and UAS program administrator at the Delaware Emergency Management Agency. She serves as the co-chair of operations on the State UAS Training and Certification Steering Committee and is a flight instructor for the statewide program. She has been involved in numerous multi-agency missions supporting public safety operations.

2017's hurricane season brought with it a desire from the public to get involved and seemingly everyone who owned a drone felt the need to be on the front lines of disaster relief. Being a co-founder of the 'Humanitarian Drones' organization, Herbert decided to help rally a small team of professional drone operators who could devote their time, money, expertise, and equipment toward proper integration with public agencies in large scale relief efforts. Their efforts were widely applauded and recognized for illustrating the right way to use drones in emergency situations.

BIOGRAPHIES

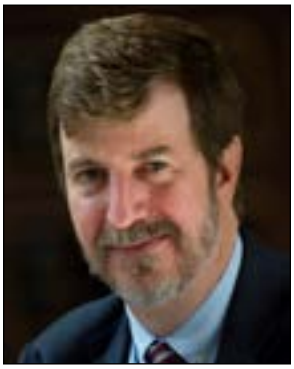
Robert Koester

CEO, dbS Productions

Robert Koester first joined the Appalachian Search & Rescue Conference in 1981 and since then has participated in hundreds of searches, including over a hundred as incident commander. He holds an M.S. from the University of Virginia in biology (neurobiology) and was a Fellow at Kingston University in London. His contributions to search and rescue include seminal research on lost person behavior (with an early emphasis on dementia) along with creating the International Search and Rescue Incident Database (ISRID). An instructor for the Virginia Department of Emergency Management and past-president (15 years) of the Virginia Search and Rescue Council, Koester has also worked for the United States Coast Guard (conducting visual sweep width experiments), National Aeronautics and Space Administration (conducting missing aircraft radar research), National Park Service (responding to major searches and writing the draft NPS SAR Field Manual), Federal Emergency Management Agency (as an instructor), SAR Institute of New Zealand (conducting sound and light sweep width experiments), and Justice Institute of British Columbia (reviewing management texts). He is the CEO of dbS Productions which provides research, publications, and training services. He is currently developing search and rescue software which integrates mapping, incident management, and search theory. This includes the integration of sUAV. Robert has authored numerous books and research articles on search and rescue, including Lost Person Behavior. He has presented in Aruba, Australia, Iceland, Ireland, Norway, United Kingdom, and throughout Canada, New Zealand, and the United States.

David Kovar

Founder & CTO, URSA



David Kovar is the founder and CTO of URSA Inc., where he lead the development of Idetic, a suite of tools designed to collect, integrate, analyze, and present IoT data for many purposes including fleet management, criminal investigations, failure analysis, and predictive analysis. URSA's primary product is Idetic UAS addressing UAV specific forensic requirements.

Kovar founded the practice of UAV forensics in 2015 and is one of the leading practitioners in the country. He has worked in digital forensics and cybersecurity since the mid-1990s led EY's U.S. incident response program prior to URSA's foundiing.

Kovar earned a B.A. from Dartmouth in computer science and will receive an M.A. from the Fletcher School at Tufts in International Affairs this summer. His master's thesis is entitled "Defending Against UAVs Operated by Non-State Actors."

Kovar is a rated pilot, the advocacy director for the National Association of Search and Rescue where he writes UAV policy papers and develop presentations on UAVs in SAR for various audiences, and works on SAR UAV standards for ASTM and other organizations.

BIOGRAPHIES

Daniel Longhurst

Senior Engineer, Justice Information Technology Center

Daniel has worked in the field of law enforcement equipment, technology and safety products for over 17 years. He has worked for the Justice Technology Information Center (JTIC) since 2011.

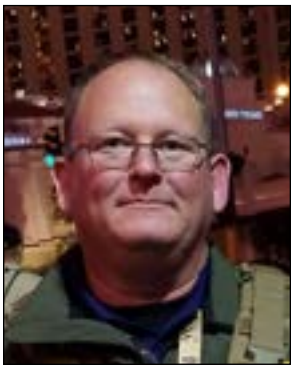
From the early 2000s he worked for the U.K. Government's Center for Applied Science and Technology/Police Scientific Development Branch on projects including: ballistic protection standards; stab protection standards; law enforcement firearms and weapons; protective equipment for civil disorder; less-lethal weapons; including electrical incapacitation devices, chemical incapacitants and impact munitions.

Longhurst moved to the U.S. in 2011 to work for JTIC in support of their NIJ Office of Science and Technology Programs.

Since moving to the U.S. Longhurst works as a technical lead of various JTIC Projects, including police use of sUAS. He is also heavily involved in the development of protective equipment standards for U.S. law enforcement and corrections and law enforcement firearms standards. Longhurst holds a bachelors in engineering from the Open University, Buckinghamshire, U.K. He has completed Embry Riddle Aeronautical University's training program on unmanned aircraft systems and the NIJ's "Public Safety sUAS Pilot" training course.

David Martel

UAS Program Manager, Las Vegas Police Department



David Martel began his 20+ year-career in law enforcement while serving his country in the United States Air Force assigned to the 99th Security Police Squadron of Nellis AFB in Las Vegas, Nev. After serving his country, Martel became a police officer with the Las Vegas Metropolitan Police Department. After patrolling the streets of Las Vegas as a police officer, he became a motor officer and took part in investigating hundreds of motor vehicle collisions a year. Martel was able to create and establish the sUAS Program for the Las Vegas Metropolitan Police Department in 2017 after three years of research and development. He is currently the sUAS program manager for the department. On April 4, 2017, Martel was appointed to the NFPA Technical Committee for Unmanned Aircraft Systems and currently still serves as a committee member. He also sits on the Board of Directors for the Las Vegas Police Protective Association.

Jon McBride

Vice President of Technology, Rocky Mountain Unmanned Systems

McBride has been involved in developing specialized UAV Systems for 15 years. He has implemented dozens of UAV programs for municipalities in the intermountain west. McBride has a large social media following for his vast knowledge of thermal UAV systems and pioneering work in creating UAVs. McBride served five years in the United States Marine Corps studying microelectronics. His hobbies include 30 years of building, flying, and creating aerial remote-control vehicles. McBride is one of the Rocky Mountain Unmanned Systems founders.

BIOGRAPHIES

Russel McElyea

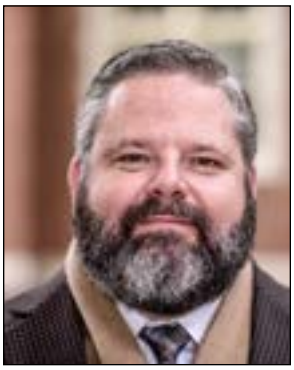
Coodinator, Auto-Owners Insurance

Russel McElyea has a B.A. in geography from the University of South Carolina with a focus in cartography, GIS, photography, and remote sensing. He has been a private pilot since 1999.

McElyea has worked for Auto-Owners Insurance for the past nine years. He handled claims for five of those years before entering his current position as a coordinator. Kovar has helped pilot the UAS program at Auto-Owners and has been using drones to inspect claims since September 2016. He also prepares the company's new pilots for the FAA's UAG test preparations and flight training.

David Merrick II

Director, Emergency Management and Homeland Security Program , Florida State University/CRASAR



David Merrick is the director of the Emergency Management and Homeland Security (EMHS) Security Program at Florida State University (FSU) as well as a senior fellow at the Center for Disaster Risk Policy. His research and interest areas include social media and emergency management (EM), remote sensing and unmanned aircraft systems (UAS) in EM, disaster logistics, crisis mapping, and information technology in EM.

Merrick developed and oversees EMHS's Disaster Incident Research Team, which deploys to disaster impact areas to perform field research on disaster and emergency management. This team consists of faculty and staff as well as FSU students who have valid research agendas or projects and is partnering with other FSU departments to perform multidisciplinary research and data collection. DIRT also offers UAS services in a variety of disaster contexts, including search and rescue, damage assessment and other response activities as well as international disaster risk reduction projects. The CDRP UAS team is part of Florida U.S.&R Task Force 8 and is working to integrate UAS operations with Florida's State Emergency Response Team and other response and recovery entities.

Most recently, the DIRT UAS team to Fort Bend County, Texas, during Hurricane Harvey, and to Putnam and Collier Counties as part of the Hurricane Irma response.

As part of the applied research team at EMHS, he has extensive experience in emergency management training and exercises for all levels of government, facilitated plan review and development, and has provided expert technical assistance on a variety of governmental EM projects. FSU faculty, staff and students stay involved in every level of EM, which matches the college's philosophy of focusing on "pracademics."

Merrick currently teaches "Foundations of Emergency Management", "Emergency Management Planning and Policy", "Disaster Systems", "Unmanned Aircraft Systems" and routinely lectures on logistics, technology, and cybersecurity in EMHS other courses.

Outside of emergency management, he has over 15 years of application and database development experience on a variety of platforms. He is well-versed in agile development practices and has overseen the creation and integration of successful software solutions for a range of clients and markets.

Merrick has a M.S. degree from the Florida Institute of Technology in humanitarian logistics and disaster response. He is happily married and lives in Tallahassee, Fla., with his lovely wife, two teenagers (which explains the grey hairs), and two pugs (one good, one bad). He currently volunteers as the scoutmaster of BSA Troop 117 and spends a lot of time on the sidelines of soccer games. A lot of time.

BIOGRAPHIES

Charles Mondello

President, Property Drone Consortium

As the past president and president of the Property Drone Consortium, Charles Mondello provides direction for the overall management, development, and growth of the company. He is actively involved in all elements of the organization and focuses on shaping client requirements into viable corporate initiatives. He guides research, marketing, finance, and all activities of the corporation. The Property Drone Consortium (PDC) has made many contributions to the drone industry. PDC had briefed multiple tiers of government driving change, which has benefited drone operations. PDC is actively engaging public and private partnership driving the roll up of joint operations guidelines supporting insurance emergency respondent partnership. Prior to his ostion at PDC, he was chief industry strategist at Eagleview and as executive vice president of corporate development at Pictometry International Corp. Mondello was involved in the creation of many new business lines and sales models supporting clients worldwide. Specific areas of focus included worldwide partner structure, multiple vertical market programs, inception of the Microsoft partnership for consumer online presence, real-time systems, data modeling, monetization, and ROI assessment. Mondello was the director of technical development for Earth Data Technologies (EDT) in which he positioned EDT for sale to Fugro. He directed marketing and sales of Litton's Emerge product line sold to United Agro Products (one of the industry's earliest digital aerial service providers). During his time at Eastman Kodak, he led both government and commercial remote sensing programs where he was responsible for the Aerial Systems product line, covering film and digital product development and marketing. Mondello spent time in the federal government sector managing the development of large data collection and processing systems, and prior to that, while at IBM, he specialized in semiconductor process design. Widely recognized by his peers in the profession, Mondello's accomplishments have included selection as the director of the American Society of Photogrammetry and Remote Sensing (ASPRS) Primary Data Acquisition Division; as well as his election to serve as the director of the ASPRS 10-year Remote Sensing Strategic Forecast. He has received multiple ASPRS Presidential Citations, the 2013 ASPRS Significant Achievement Award, and has been named the 2013 ASPRS Fellow of the Year. Mondello was also selected to serve on the inaugural National Geospatial Advisory Committee for the U.S. Secretary of the Interior. Mondello has a master's degree and a bachelor's degree in imaging science from the Rochester Institute of Technology. He is certified as a Geographic Information Systems Professional (GISP) and holds multiple patents in remote sensing/photogrammetry in oblique and real-time data processing.

Travis Moran

Strategic Partner, Gryphon Sensors, LLC, & Vice President, Welund, N.A.

Travis Moran is a retired law enforcement professional with over 26 years of enforcement, security, and intelligence experience. He is currently part of a specialized group tasked with understanding, protecting, and responding to threats to the critical infrastructure and private corporations in the United States, to include emergent and complex drone/UAS issues.

Moran began his federal law enforcement career with the U.S. National Central Bureau, Interpol, before transitioning to the U.S. Department of State and then ultimately the U.S. Department of Justice, Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) where he spent his last 15 years. During his tours of duty, Moran worked both domestically and internationally on a variety of criminal matters to include narcotics and weapon trafficking organizations, terrorism, mass murders, explosives, and bank and immigration fraud.

He has extensive experience in energy security working as a physical security specialist for both investor-owned utilities and the North American Electric Reliability Corporation (NERC). During his work with the utility sector, Moran has become an energy specific subject matter expert regarding threats posed to energy companies from unmanned aircraft systems (UAS/drones).

Moran holds a master's degree in criminology, law, and society from George Mason University, a master's degree in criminology from Indiana State University, and a bachelor's degree in business administration from James Madison University.

BIOGRAPHIES

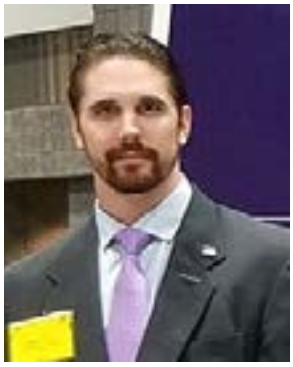
Chad Netto

Chief Operating Officer, Chustz Surveying

Chad Netto joined Chustz Surveying just over two years ago and brings 17 years of experience in remote sensing, data analysis, data visualization, and managing/piloting unmanned systems. His experience ranges from an U.S. Air Force Crew Chief to projects ranging from the widening of the Huey P. Long Bridge (Louisiana) to the U.S. Army Corps of Engineers to Hurricane Protection System project post-Katrina and working with various national, state, and municipal agencies to charting navigable waterways in the United States. Just before joining Chustz Surveying, Netto was managing large data sets for the U.S. Bureau of Ocean Energy Management and performing research and development for small unmanned systems.

Charles Ott

Systems Engineer, Leidos



Charles Ott is a systems engineer at Leidos with 13 years of experience developing, testing, and deploying software in the Department of Defense and U.S. intelligence community. His background includes biometrics, measurement and signals analysis, FMV (video) processing and exploitation, computer vision, and geospatial data storage and retrieval. Ott was also a U.S. Marine Corp. ground communications repairer for the 4th MAW, MACG-48 (Great Lakes, Ill.), MACS-24 (Virginia Beach, Va.). He is also a veteran and served overseas during Operation Enduring Freedom as security around Camp Lemonier, in the Republic of Djibouti in 2007. Leidos has more than 33,000 employees and provides solutions to the FAA and United States Air Force to support air traffic control and many other civil and defense programs worldwide.

Travis Potter

Project Manager & UAS Coordinator, DHS\FEMA Region IV

Travis Potter is a project manager and the UAS coordinator for FEMA Region IV. He has been with FEMA for 10 years. During this time, he has deployed to over 20 disasters and has worked as IT specialist, communications unit leader, IT branch services director, and logistics chief supporting FEMA's regional and national Incident Management Assistance Teams. Potter also served as the FEMA Region IV deputy disaster emergency communications coordinator and as the ESF2 coordinator during regional disaster response efforts. Currently, he is the IT Unit Lead for the Region IV Response Coordination Center. Potter is a UAS enthusiast and is the face of the FEMA Region IV UAS strategy. In this role, he is the coordinator for the FEMA Region IV state UAS working groups, a member of the ANSI Unmanned Aircraft Systems Standardization Collaborative Disaster\News Reporting Working Group, and a contributor to the FEMA National Integration Center's UAS Typing Initiative.

BIOGRAPHIES

Don Roby

Director of the Emergency Management and Homeland Security Program, Florida State University, & Senior Fellow at the Center for Disaster Risk Policy

Don Roby is currently the training program manager for the Airborne Public Safety Association, where he manages the organizations national and international training programs. Roby retired after more than 35 years of service with the Baltimore County Police Department, where he obtained the rank of Captain. Throughout his career, Roby worked a variety of assignments including patrol, criminal investigations and special operations (including the Aviation Unit).

Roby commanded his departments Aviation Unit and oversaw the purchase of new aircraft, equipment, and the construction of the unit's new facility. In addition, under his leadership, the unit also grew in size and increased its flight hours from 500 hours to over 2,000 hours. Baltimore County Police currently operate three Airbus AS-350B3 helicopters from Martin State Airport (MTN) outside of Baltimore, Maryland.

Roby currently serves as the president for the Airborne Public Safety Accreditation Commission and is a member of Helicopter Association International's (HAI) Government Services Committee and the HAI Training Committee. Roby also serves as the chairperson for the International Association of Chiefs of Police (IACP) Aviation Committee. He has represented law enforcement aviation in the U.S. Congress; at several national symposiums on Public Aircraft and sUAS matters; and at the Euro-Rescue Congress in Brussels, Belgium. Roby also lectured at the 2015 Brazilian Public Safety Aviation Conference. He also represents the IACP on the National Sheriff's Association's Homeland Security Committee and the General Services Administration's Inter-Governmental Committee for Aviation Policy. In 2005, he was the recipient of the Helicopter Association International's MD Helicopter's Excellence in Law Enforcement Aviation Award.

Roby is married and resides in Stewartstown, Pa.

Chris Sadler

Acting Deputy Chief/Deputy Director, York County Department of Fire and Life Safety

Christopher "Chris" Sadler has served with the York County, Va., Department of Fire and Life Safety for over 31 years. Prior to being appointed as acting deputy chief/deputy director of the department, Sadler spent 10 years as an assistant chief commanding the Technical Services and Special Operations Division. He has a degree in fire science, is a nationally registered paramedic, and a graduate of the National Fire Academy Executive Fire Officer Program. Sadler represents the International Association of Fire Chiefs as a principal on the National Fire Protection Association (NFPA) 2400 Standards Committee on UAS for Public Safety. He is the fire service representative to the Virginia Governors' Secure Commonwealth Sub-Panel for UAS, a vice chairman of the National Council on Public Safety UAS, the AUVSI trusted operator program public safety lead for fire/rescue, and serves on the ASTM/NFPA Joint Working Group for Public Safety UAS.

John Sibley

Highway Emergency Response Operator (HERO), Georgia Department of Transportation

John Sibley works for the Georgia Department of Transportation (GDOT) Incident Management Unit as a Highway Emergency Response Operator (HERO). As a first responder, Sibley works on the interstate to serve the citizens of the State of Georgia by ensuring the safety and mobility of the motoring public by ensuring quick clearance of incidents affecting traffic flow.

Prior to working for the HERO Unit, he worked for the Alabama Department of Transportation. Sibley also works with Live Storms Media, researching the use of drones for use in newsgathering.

Sibley is a veteran of the U.S. Army where he served as an aircraft maintainer on the UH-60 Blackhawk. Utilizing this experience, he developed the initial sUAS program that the GDOT uses for emergency response.

Sibley holds a B.S.A. in geography from the University of South Alabama. While studying for his undergraduate degree, he researched the use of sUAS for environmental monitoring. He was certified under the FAA Part 107 in September 2016.

BIOGRAPHIES

Adam Trojanowski

Economic & Policy Analyst, DFPC Center of Excellence for Advanced Technology Aerial Firefighting

Trojanowski joined the Center of Excellence in December 2015 and is excited to work on complex policy and regulatory issues. He received a Juris Doctor degree from the University of Colorado Law School in 2004. After law school, Trojanowski worked as a law clerk for a district judge in Colorado's 2nd Judicial District. Following his clerkship, Trojanowski entered private law practice with a Denver law firm, specializing in real estate and lending transactions. However, he quickly found that he was more motivated by public service, so he became a police officer in 2007 and a police sergeant in 2012. During his police career in the Denver metropolitan area, Trojanowski served as a patrol officer, firearms instructor, field trainer, and supervisor.

Trojanowski brings practical experience with law and policy work in the public safety sector to the Center of Excellence. He is especially interested in the effects of policy and regulations on the crucial mission of wildland firefighters and, in particular, how those policies affect decision-making by incident commanders. Trojanowski's recent work at the Center of Excellence has been focused on the regulatory challenges of integrating UAS into public safety operations, and night aerial firefighting.

In his spare time, he enjoys spending time skiing and hiking with his kids, exploring the Western Slope, and reading.

Chad Tyson

PropelUAS Program Coordinator, Evans Incorporated

Chad Tyson brings more than 14 years of experience in the aviation industry. He holds a B.S. in aerospace studies with minors in space studies, meteorology and business administration, and a M.A.S. in aeronautical science with a specialization in aeronautics, from Embry-Riddle Aeronautical University. He is a graduate of the Flight Service Academy and certified in domestic and international weather briefing from the National Weather Service. Tyson holds an FAA pilot's certificate and is a remote pilot. He has worked in the general aviation industry bringing performance and aerodynamic products to market for many popular aircraft used around the world. He has a decade of experience in air traffic, holding positions as an air traffic specialist, on the job training instructor, flight service operations center specialist and supported the day-to-day operations of the National Flight Service Program reporting to the national deputy operations manager. He assisted in the development of the Lockheed Martin pilot Web services and the UAS management/operating areas Web services for remote pilots. More recently Tyson has been consulting the Federal Aviation Administration on the development of future air traffic automation systems used in en route, terminal, and oceanic air traffic domains. He has also consulted on the development of an issue management reporting system used in en route air traffic facilities and on national acquisition and deployment of advanced information display systems used in all domains of air traffic. Tyson is the program coordinator for PropelUAS, the division of Evans Incorporated that is focused on UAS-specific government and commercial integrations and operations. The PropelUAS team assists commercial organizations, as well as, local, and state governments develop and deploy their UAS programs using its IDEA-OPS™ methodology to take organizations from 'Idea' to 'Operations' and ensure ROI – Real Operational Impact™ in all facets of UAS integration. The PropelUAS team assists the Federal Government and the FAA in the integration of UAS into the national airspace systems.

BIOGRAPHIES

Basil Yap

UAS Program Manager, NCDOT Division of Aviation

Basil Yap is currently serving as the unmanned aircraft systems (UAS) program manager with the Division of Aviation, which is found within the North Carolina Department of Transportation (NCDOT). The Division of Aviation is responsible for all aviation functions regarding state system planning, airport and aviation system development, aviation safety and education, and UAS integration. The UAS Program Office currently administers the North Carolina UAS knowledge test and, permitting, oversees education and outreach initiatives, funds UAS-related research, operates a UAS fleet, and assists with governmental UAS integration within the state. Yap graduated with a civil engineering degree from North Carolina State University and has held a variety of positions within the NCDOT, from highway construction to airport development.

Not Pictured

Timothy Maloney

Guardian Centers

Bill Nabors

Chief Pilot, Texas Department of Public Safety

Bill Nabors joined DPS in 1989 as a trooper trainee. He was assigned to the Texas Highway Patrol in Houston upon completion of the academy. Nabors was promoted to aircraft in 1993 and served as a pilot in Houston until 2001. Promoted to Lieutenant in charge of the Austin duty station and as the division's safety/training officer. In 2006 he became assistant chief and in 2008 chief pilot.

Michael Sporer

National Weather Service

Mike Wilson

FAA, Unmanned Aircraft Program

BIOGRAPHIES

INSTRUCTORS

Sam Pepple

Sales Executive, Pix4D

Sam Pepple has been a geospatial professional for over 10 years. He started his career as a cartographer, making clear, concise, and compelling maps from complex data. For the past five years, he has been creating his own data with photogrammetric means. Before working for Pix4D, he created 3D data of critical infrastructure for the AEC industry. At Pix4D, Pepple is a technical salesperson, who teaches first and sells second.

Matthew Rogers

Sergeant, Michigan State Police Aviation Unit

Sgt. Matt Rogers has been with the Michigan State Police for the past 22 years and with the Aviation Unit for the past four years. He implemented the agency's UAS Program in 2014 and obtained the first statewide Jurisdictional COA from the FAA in February 2015. Sgt. Rogers currently manages the UAS program and the tactical flight officer program for the agency. Additionally, Sgt. Rogers is a current instrument-rated pilot.

Angad Singh

Technical Trainer, Pix4d

Angad Singh is a technical trainer for Pix4D based in San Francisco, Calif. Growing up in New Hampshire, he worked in EMS, on an ambulance and as a ski patroller. Singh attended McGill University in Montreal, Canada, where his honors work focused on remote sensing applications for agriculture and land usage analytics. Prior to joining Pix4D, he worked for a drone services firm executing end-to-end photogrammetric workflows, doing everything from collecting and processing imagery to analyzing the geospatial data-products. As a Pix4D trainer, Singh is responsible for private trainings, workshops and in-depth consultations for organizations and individuals to understand the power and limitations of photogrammetry.

Scott Zimmerman

Founder/Executive Director, Air Bears

An avid RC hobbyist, Scott Zimmerman founded the first legitimate, 501 (c) (3) volunteer UAS "drone" assistance organization in 2014 after reading a news story about a lost elderly man found by a neighbor using a drone. Since then, Air Bear members thoughout the world are helping agencies with fires, missing persons, training, acquisitions, damage assessment, etc. Scott Zimmerman's Air Bears are proving, one mission at a time, that what we once thought were "toys," are actually lifes-aving tools.

LOCATION GUIDE

Day	Program Time	Program	Speaker	Location
Monday	9-9:45 a.m.	FEMA Update	Travis Potter	Main Hall
Monday	9:45-10:30 a.m.	Manned/Unmanned Airspace Programs	Bill Nabors	Main Hall
Monday	10:30 a.m.-noon	Law Enforcement Panel Discussion	Jason Antin David Decatur Mark Espenant	Main Hall
Monday	2-3 p.m.	Fire/Life-Saving Panel Discussion	Chris Sadler Adam Trojanowski Steve Disick	Main Hall
Monday	3:30-5 p.m.	Disaster Response Panel Discussion	David Merrick II David Martel	Main Hall
Tuesday	7-8 a.m.	Keynote Address	Anh Duong	Main Hall
Tuesday	9-10:30 a.m.	Disaster Response, Commerical Panel Discussion	Russel McElyea Ed Hines Ryan English Chris Countney	Main Hall
Tuesday	10:30-noon	sUAS Remote Sensing Panel Discussion	Chad Netto Charles Mondello Jon McBride Charles Ott	Main Hall
Tuesday	3-4:30 p.m.	State Agency Integration of sUAS Panel Discussion	Paige Fitzgerald John Sibley Basil Yap Chad Tyson	Main Hall
Wednesday	8-9 a.m.	Weather Damage Assessment	Micheal Sporer	Main Hall
Wednesday	9-10:30 a.m.	Emerging Technologies & Threats Panel Discussion	Robert Koester Travis Moron Paige Cutland David Kovar	Main Hall
Wednesday	10:30 a.m.-noon	Training & Standards Panel Discussion	Dan Longhurst Don Roby Timothy Maloney Jim Blanchard	Main Hall
Wednesday	4 p.m.	Closing Remarks	Darren Goodbar Val Palamountain	Main Hall

VENDOR INFORMATION

Advanced Aircraft Company

www.advancedaircraftcompany.com

Advanced Aircraft Company manufacturers long endurance VTOL UAS. AAC's HAMR UAS achieves long endurance through improved aerodynamic design and an efficient hybrid electric propulsion system.

Airborne Public Safety Association

www.publicsafetyaviation.org

The Airborne Public Safety Association (APSA) is a 501(c)(6) non-profit educational, individual membership organization, founded in 1968 to support and encourage the use of aircraft in public safety. Over 3,000 members strong from the international to the local level.

APSA provides networking systems, educational seminars and product expositions that members find invaluable.

FlyMotion Unmanned Systems

www.flymotionus.com

FLYMOTION Unmanned Systems was formed in 2014 and is headquartered in Tampa, Florida. We've quickly become one of the most recognized, full-scale UAS solution companies because of the care we take in overseeing our clients requirements from an abstract idea, to a concrete solution. Our executive, engineering and creative teams engulf themselves in the artistry of drone technology and never stop thinking about how to improve the current industry or introduce innovative concepts into it such as FlyMotion TRIDENT and FlyMotion MAVERICK. Our promise is to deliver premier turnkey unmanned aerial systems and integrated solutions while ensuring the highest level of client satisfaction and support. We are FLYMOTION Unmanned Systems. We are the solution.

Gresco Technology Solutions

www.grescouas.com

Gresco Technology Solutions (GTS) is a division of Gresco Utility Supply, a utility and electrical supplies distributor headquartered in Forsyth, Georgia. Gresco began meeting the procurement needs of electric co-ops in Georgia in 1960. In 1995, the company branched out to other clients and locations in the Southeast: Alabama, Florida, Mississippi, Tennessee, and Louisiana. Today, Gresco serves the entire Southeast in a manner that exceeds expectations and at a price that is within your budget.

Gryphon Sensors

www. gryphonsensors.com

Gryphon Sensors provides the most sophisticated systems to detect, track and identify low-altitude, small unmanned aircraft systems, birds and other hard-to-detect airborne traffic.

Using an innovative multi-spectrum approach, Gryphon Sensors provides low-cost, best-in-class products to serve the drone security market and protect critical infrastructure from drones.

As a leader in this emerging industry, Gryphon Sensors is also helping to safely integrate UAS into the national airspace system (NAS). Our Skylight™ solution helps enable BVLOS operations for commercial applications.

The UAS market will be a fast-changing environment for many years to come. Gryphon Sensors will be your partner – providing customized solutions with sensors that continue to evolve with technology, threats and environmental changes. Don't think of us as a vendor; know that we're your best-in-class partner.

Justice Information Technology Center

www.justnet.org

The Justice Technology Information Center (JTIC) plays a key role in the success of the entire NLECTC system, serving as the information hub. JTIC, through vehicles such as JUSTNET, Facebook®, Twitter and You Tube™, disseminates the information that decision makers need on innovations in the sustainable technology that is transforming the criminal justice system. It is the "go-to source" for those who make decisions regarding the evaluation, selection and purchase of proven and tested methods, equipment and technology. JTIC also hosts the NIJ Compliance Testing Program for ballistic- and stab-resistant body armor and other officer safety equipment, which conducts equipment testing, reviews and analyzes testing data, and disseminates results.

VENDOR INFORMATION

Kongsberg Geospatil

www.kongsberggeospatial.com

Kongsberg Geospatial has been providing technology for military unmanned platforms for over a decade and has developed pioneering sensor integration and display technologies to provide situational awareness for airspace awareness and counter-UAS applications.

Kongsberg Geospatial will be demonstrating new technology for safely integrating UAS into the airspace in emergency scenarios, as well as some new tools and technologies it's developing for an Emergency Operations Airspace Management System with the Canadian Government.

Little Arms Studio

www.littlearmsstudios.com

Little Arms Studios is a software development company specializing in the creation and customization of drone simulation software, game production, mobile applications, UI/UX (User Interface and User Experience) designs, multiplayer applications, and website development and design.

Little Arms Studios seeks to enrich peoples' lives through entertainment, enjoyment, and ease of learning. We strive to innovate and deliver the highest quality in all of our products.

Measure

www.measure.com

Measure is the nation's leading Drone as a Service® company, providing turnkey and toolkit commercial drone solutions to acquire, process, and deliver actionable aerial data to enterprise customers. The company has pioneered drone applications in telecom, construction, energy, media, and other sectors, utilizing best-in-class drone technology, highly-trained pilots, and experienced data engineers to execute safe, legal, and insured missions that help customers achieve new cost and operational efficiencies.

Nomad Global Communication Solutions

www.nomadgcs.com

Nomad Global Communication Solutions (GCS) is a leading provider of advanced interoperable communication solutions to the public and private sectors.

We specialize in providing integrated technology applications to deliver unified voice, video and data communication capabilities. We deliver turn-key mobile and stationary products and services to markets through a vertically integrated "Engineer-to-Order" business model focused on enhancing our client's user experience through the design, engineering, manufacturing and mission support services programs.

Pix4d

www.pix4d.com

Pix4D is the industry-leading software for public safety, successfully utilized by a large, and growing, amount of federal, state, and local agencies. We are here at the 2018 Public Safety UAS Conference to teach participants how to create accurate 3D and 2D data, from photographs: faster, cheaper, and more safely.

Pix4D is continuously making improvements to the core software. Our "Automatic Point Cloud Classification" is our latest machined-learned improvement that saves enormous time during the processing phase, in creating useful 2D and 3D data products.

PrecisionHawk

www.precisionhawk.com

PrecisionHawk is dedicated to changing the way businesses view their assets and manage resources. To extract the true commercial value of drones, we must continue to advance a multifaceted technology that includes advanced robotics, robust software, and rich data.

VENDOR INFORMATION

Property Drone Consortium

www.propertydrone.org

The Property Drone Consortium represents a collaboration among insurance carriers, construction industry leaders and supporting enterprises who have agreed to work together to promote research, development and the assessment of regulations for the use of Unmanned Aircraft System (UAS) technology across the insurance and construction industries.

PDC is the only consortium of insurance and related organizations with a focus on the use of sUAS (small Unmanned Aircraft Systems) for safe, close-up inspection of properties and structures for underwriting, estimating and claims; and has partnerships with federal agencies, municipalities, and emergency management and response for use in post-catastrophe conditions. By participating in this conference, the PDC wants to contribute to an understanding of how insurance companies can use drones to assess property damage and quickly settle claims for distressed homeowners, without interfering in government post-catastrophe drone operations.

We are excited to be a sponsor of the event and the Tuesday night dinner and are looking forward to learning alongside of the attendees from the public safety sector.

Rocky Mountain Unmanned Systems

www.rmus.com

RMUS is the premier source for cost-effective unmanned aerial systems and sensors. Our team of experts can execute custom, mission-specific builds, repairs, service, maintenance programs and will work directly with you to create a solution that fits your needs. We specialize in thermal imaging solutions and have a staff of certified Level 1 thermographers readily available to consult with you to determine the best setup for your application. Our team of highly experienced technicians are always available to answer your questions. We also offer a variety of training services specific to the UAV system you purchase by FAA certified part 107 remote pilots.

TechOps Specialty Vehicles

www.techopssv.com

TechOps Specialty Vehicles started in 2006 as an emergency communications provider including tech integration of command and communications vehicles. Our experience spans public safety, state, local, and federal agencies including military for vehicle platforms from an SUV up to and including large command vehicles and trailers. The growing interest in UAS applications within public safety communities enables TechOps to provide solutions on numerous platforms to support our customer's missions and objectives..

On display at the conference will be our demo vehicle which displays our ingenuity of engineering, design, and quality of work. The demo features unique use of space, creative storage solutions, easy access to specialized equipment, onboard power systems, and technology integration including some interesting and special features. In addition, we'll have many pictures of these unique applications on display.

UAV Mobile Station

www.uavmobilestation.com

The leading manufacturer in mobile command stations for drone operations. Serving in various industrial and Emergency management fields, our stations push the limit of drone capabilities along side real time flight analysis and data processing.

- Live Stream Capabilities to Clients from Anywhere
- Real Time Data collection & Transfer
- Interior & Exterior Monitors/Workstations
- Satellite and Mifi Systems
- Antenna Boosters for Extended Flight & Video feed range
- Desktop/Laptop Stations
- Self Sufficient 4-6 hours of Battery Powered Systems
- Generator Hookup for Extended Power
- A/C & Heating
- Durability & Professionalism

VENDOR INFORMATION

uAvionix

www.uavionix.com

uAvionix is the leading manufacturer of small UAS avionics for unmanned systems, including ADS-B, Mode S Transponders, and GPS Solutions. uAvionix is developing solutions for UAS remote identification for security purposes, and will be displaying and demonstrating these technologies at the event.

Unmanned Aerial Specialists

www.ua-sp.com

Unmanned Aerial Specialists has more than two decades of experience with sensors, drones, geospatial and related technologies. As an organic development from the survey industry, UAS understands the requirement for absolute precision and accuracy. This has led us to be innovators and leaders in the use of nascent technology. This innovation has led to strategic relationships with some of the most well-known names in government and industry.

Continuing this philosophy, we realize that the use of unmanned aerial vehicles (UAVs) will assist organizations in streamlining their operations and provide more accurate results, especially where the need is extremely dangerous, difficult or tedious. While many fixed-wing and multi-rotor drones are available, we pride ourselves on sourcing and selecting the most versatile and durable solutions available to suit the needs of our clients.

We are very excited that we have three of our very passionate manufacturers joining us at this year's conference. All three have continually supported us in delivering superior solutions to public safety professionals around the world.

UAS is super excited to be bringing the Swissdrones Dragon 50 for its maiden flight in the United States. It will be the first flight in the United States of a system of this size and class that is a non-military system.

WestWind

www.westwindcomputerproducts.com

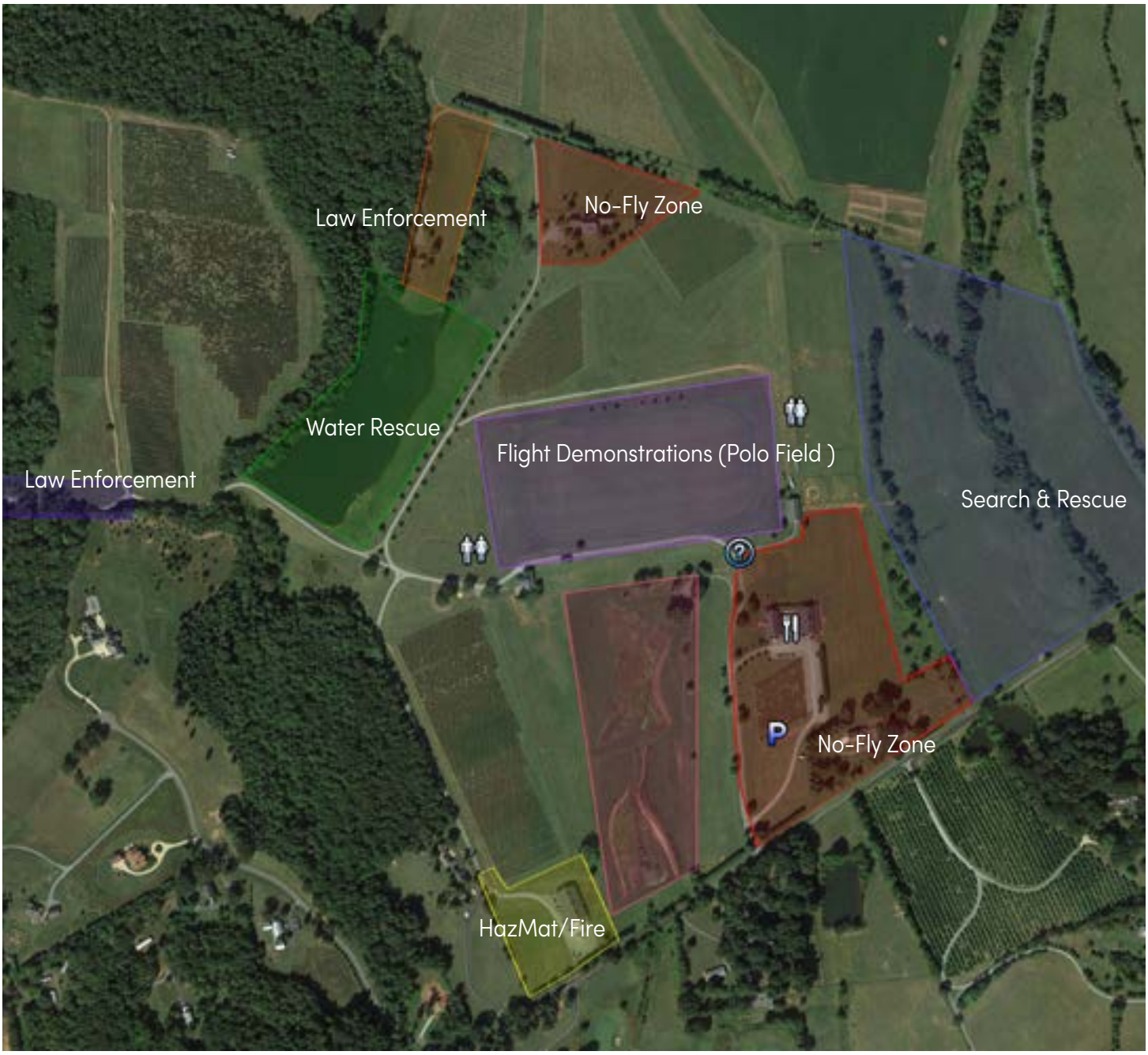
Westwind Computer Products, Inc., is a Value Added Reseller (VAR) and provider of IT products and services to the Federal Government, with extensive expertise in emerging technology, lifecycle management, and integrated solutions.

Founded in 1992, Westwind is headquartered in Albuquerque, N.M., with remote locations and personnel in New Jersey, North and South Carolina, Colorado, Tennessee, Texas, and the greater Washington, D.C. area. We serve our federal customers throughout the United States (CONUS) as well as overseas (OCONUS).

With a variety of contract vehicles and Small Business (SB) certifications, such as Minority, Woman-Owned, and HUBZone, we are able to offer our government customers the flexibility they need in making smart procurement decisions, while helping to support their organizations' individual small business goals.

Westwind and Sundance Media Group are partnering to provide agencies complete solutions to meet the demands of operating a UAS division within their department. From pre-planning, compliancy, and training SMG can take your agency's UAS strategy and provide the plan from idea to "first flight" and beyond. Westwind works with agencies to provide the proper tools to meet the agencies goals; providing airframes, payloads, and more, we can help departments get equipped.

LOCATION MAP



NOTES

WorkforceServices
THE HIRE EDUCATION CENTER @ PVCC

Piedmont Virginia Community College Workforce Services
501 College Drive
Charlottesville, VA 22902
434.961.5354 | workforce@pvcc.edu | www.pvcc.edu/workforce