*\*\* New sessions and activities continually being added. Check back for updates. Schedule subject to change.  \*\**

**See the full list of 2023 IACP Technology Conference Exhibitors**

## Monday, May 22, 2023

**Session Time: 8:00 AM – 9:00 AM**

**Opening & Welcome**

**Keynote**

**Break Time: 9:00 AM – 9:15 AM**

**Session Time: 9:15 AM – 10:45 AM**

**Leveraging Everyday Technology to Increase Access to Training: The COPS Training Portal & eLearning**
- Jeremy Kommel-Bernstein – Policy Analyst, Office of Community Oriented Policing Services (U.S. Department of Justice)
- Sheila Gunderman – Director of Programs, Virginia Center for Policing Innovation (VCPI)
- Stephen Boehm – Deputy Chief, Metro Transit Police Department,
- Billie Coleman – Supervisory Policy Analyst, COPS Office

In March 2020, the COPS Training Portal, a product of USDOJ's COPS Office, was a little used and under-resourced option, with more registered learners than enrollments and fewer than a dozen courses. Just three years (and one pandemic) later, the Portal boasts well over 30,000 learners who have enrolled more than 60,000 times in more three dozen different trainings. eLearning has been proven as an effective, easily accessed training option that requires only the everyday technology that is used by all officers, while minimizing or eliminating costs for cash and personnel strapped agencies.

**Effective Use of Cellular Data in Criminal Investigations; Challenges and Opportunities...**

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- James Emerson – Vice President, National White Collar Crime Center (NW3C)
- Justin Fitzsimmons, Esq. – Associate Vice President, NW3C
- Martin Griffiths – Founder and Strategic Development Director, Forensic Analytics LTD

Law Enforcement depends frequently upon cellular data to identify and locate perpetrators, victims, and witnesses. This growing data source provides investigators and prosecutors with geolocation data for cellular devices to establish criminal presence, identify potential witnesses, and locate victims in a variety of circumstances. At the same time law enforcement investigators and prosecutors have faced increasing legal challenges to the use of this data. As such, this panel will review the investigative value, underlying science, and the legal context for effective use of cellular data.

**New CJIS Security Policy Requirements and their Impact on Criminal Justice Agencies and Industry + CJIS Security Modernization Working Group**

- Robert May II – Program Director, IJIS Institute
- James Emerson – Vice President, National White Collar Crime Center (NW3C)
- Charlie Schaeffer – Public Safety & Justice, State & Local Government, Microsoft
- Chris Weatherly – FBI CJIS Information Security Officer, Federal Bureau of Investigation

A representative of the FBI CJIS Division will review changes to CJIS Security Policy from 2019 through 2021 including changes regarding media protections, personnel security requirements and for agencies moving to the Cloud. IACP and the IJIS Institute representatives will discuss the potential operational, technical, and fiscal impacts for State CJIS agencies, for State and Local law enforcement agencies, and industry solution providers' products and services. The CJIS Security Policy modernization effort and future CJIS Security changes will also be discussed.

**Using Technology to Connect Sustainable Resources that Enhance Law Enforcement Wellness Programs + Innovative Technology: The Future of Officer Health and Wellness**

- Iva Rody - Chief Programs Oficer, National Center for Victims of Crime
- Erin Craw – Director of Research, Lighthouse Health & Wellness
- Elizabeth Strong – Program Manager, Wellness & Mental Health Initiatives, NW3C
- Tom Jarvie, Chief of Police, Green River Police Department

It is no secret that today's climate presents overwhelming challenges for officers. Trials of the pandemic & perpetuating anti-police movement have added layers to the already compounding stress of the job. This further intensifies the impact of cumulative stress & critical incident exposures that continue taking a toll. This presentation will share technology-based solutions for critical resources that lay a foundation for wellness programs. Mobile apps provide a central comprehensive approach to support. In considering the 2020 IACP assessment tool for health and wellness programs as a guide, this panel will involve an in-depth discussion about the utility of mobile apps in sustaining access to necessary health and wellness resources for officers around the globe.

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**Break Time: 10:45 AM – 11:00 AM**

**Session Time: 11:00 AM – 12:00 PM**

**Addressing Organized Retail Crime Utilizing New and Old Technology**

- Travis Martinez – Deputy Chief of Police, Redlands PD
- Jason Potts – Police Chief, Las Vegas Department of Public Safety
- Tom Severance – Retired Captain, Fremont PD
- Alex Finley – CEO Leads Online, Leads Online

Organized retail crime is a problem plaguing most jurisdictions. Attendees will learn how various police departments are using technology to address the ORC problem. The strategies include two updated technologies (video analytics and second hand dealership analytics) that just recently became available to police departments.

**The Importance of Social Media Search Warrant Data in Today's Cases**

- Scott Tuma – Internet Program Director, PenLink

Social media providers deliver endless amounts of data/insights—but only if you know what to ask for. Join Scott Tuma, IP Expert, to discuss the mass amounts of data from social media platforms that you can use in today's criminal cases. Scott will also highlight how to properly request and acquire data with historical search warrants. Apple iCloud: Backup request, device information Google: Precision location, device information, photo storage, Google Drive and Docs, searches Facebook: Conversations, location data Snapchat: Messages, conversations, digital media, and precision location

**[Sponsor Slot]**

**Maritime Use of Drones: The Ever Forward Salvage Operation**

- Steven G. Burmeister – Capt, GMU Police Department
- Michael Lighthiser – Deputy Chief, George Mason University Police Department
- John Jeniec – Captain, City of Fairfax Fire Department

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This class will focus on methods to establish a robust Unmanned Aerial Systems (UAS) team and how a multi-agency approach can strengthen its performance. It will also center around how organizations can better prepare for and conduct maritime drone operations. The class will cover the March 13, 2022, grounding of the Ever Forward cargo container ship in the Chesapeake Bay, Maryland. The George Mason University (GMU) Police UAS Team provided overwatch, situational awareness, and security during the salvage event. The class will cover lessons others can use when executing similar events.

**Community Engagement & the Successful Development of a Real-Time Crime Center**

- Amy Gauldin – Captain, Winston-Salem Police Department
- Benjamin Jones – Lieutenant, Winston-Salem Police Department

For small-mid size agencies that are considering or in the process of developing a Real-Time Crime Center, guidance and recommendations to successfully engage the community in supporting the project, including operational and financial support, will be discussed. Methods to implement innovative technology as part of an overall violent crime reduction strategy and how to generate internal and external buy-in will be presented. Collaboration and partnerships that are critical to the development of a Real-Time Crime Center and successful implementation of technology will also be discussed.

**Lunch (Provided): 12:00 PM – 1:00 PM**

**Session Time: 1:00 PM – 2:00 PM**

**[Sponsor Slot]**

**HSI Dark-Web and Cyber Intrusion Investigations**

- Shawn S. Fallah – Liaison Officer, Homeland Security Investigations
- Eric E. Povlish – Program Manager, Special Agent, Department of Homeland Security
- Christopher W. Diorio – Supervisory Special Agent, Department of Homeland Security

This technology presentation is to educate law enforcement and organizations regarding HSI capabilities and the type of criminal investigations actively being conducted on the Dark-Web. Presenter is a supervisory cybercrime expert who has worked at HSI's Cyber Crimes Center (C3) investigating Dark-Web investigations, initiating online undercover investigations, and an expert in digital forensics evidence collection.

**Mental Health Response Data Collection**

- Jeff Willard – Police Technology Manager, Fort Collins Police Services
- Andy Leslie – Sergeant, Fort Collins Police Services

Mental health teams are starting to pop up more around the country but very few have ways to gather good data metrics around their work. CAD/RMS systems don't contain the specific details necessary to show the public a good representation of the work that mental health teams are doing or are needed to do. At Fort Collins Police Services, we devised a solution to gather this information outside of CAD that can then be used to present to executive staff, citizens, etc. Data gathered ranges from time spent on calls, follow-up actions taken to many others.

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**Evidence Based Predictive and Productive Policing Using Artificial Intelligence In Small Agencies**

- Philip Lukens – Chief of Police, Alliance Nebraska Police Department

Six promises on how to utilize artificial intelligence in a cost-effective manner for smaller police departments changing the focus to victim centered and human centered policing while increasing effectivity with reduced staff. The promises address the 5th industrial revolution, block chain technology, 21st Century Policing, Evidence Based Policing, Predictive Policing and the Community Relationship.

**[CSG SPOT]**

**Break Time: 2:00 PM – 2:30 PM**

**Session Time: 2:30 PM – 3:30 PM**

**Technology and Training: New Solutions for Continuing Challenges**

- Donald R. Zoufal – Legal Advisor/ Lecturer, Illinois Association of Chiefs of Police / University of Chicago
- Mark Maidens – Instructor/Deputy Sheriff, Police Training Institute / Champaign County Sheriff's Office
- Michael D. Schlosser – Director, Police Training Institute, University of Illinois

Virtual scenario-based De-escalation training offers a flexible and affordable path to enhance skills essential for building public trust. Just as technology makes operational response more effective an efficient, the application of technology in delivery of training has similar capabilities. In Illinois where recently enacted legislation requiring officers to undergo scenario-based de-escalation training, the Police Training Institute at the University of Illinois (Urbana Champaign) has worked to develop a virtual scenario-based training program to help address the unfunded training mandate.

**[Sponsor Slot]**

**Complimentary Evidence Combining Video and Geo Location Technology**

- Adam Welch – Detective, Lawrence, KS Police Department
- Josh Leitner – Detective, Lawrence, KS Police Department

The presentation will consist of the methodology in recovery of video evidence and steps to apply for a Geofence warrant to assist investigators in their investigations. Presentation with consist of detectives walking participants through a real life investigation involving a sexually motivated Aggravated Burglary

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and the steps taken through video evidence and area canvass and Geofence technologies to identify the suspect.

**Face recognition "lookalikes": Investigative steps to resolve**

- Yevgeniy Sirotin – Technical Director, SAIC Identity and Data Sciences Laboratory

Law enforcement has been using computer-aided face recognition for over 20 years. Recently, the algorithms used in this task have become much more accurate. Candidates returned by modern face recognition algorithms are likely to all be individuals similar in race, gender, age, and facial appearance to the probe. These "lookalikes" can present challenges for officers and analysts. We describe research on these challenges, discuss their impacts on investigations, and propose a checklist to use in conjunction with face recognition to improve outcomes.

**Connecting Agencies and Vendors ; The IACP Connector Technology Resource Guide**
- george vit – Sergeant, Support Services, South Brunswick Police Department
- David Shipley – CISC/LInX RM Executive Director, CISC
- Jonathan Lewin – Executive Officer for Operations, DOJ/INTERPOL Washington
- Rick Zak – Director Data Governance & Compliance, Microsoft

The IACP CJIS Committee Technology Resource Guide Working Group developed a digital resource to connect law enforcement looking for technology solutions that was vendor agnostic. Agency submissions highlight solutions, learning curves, pitfalls, procurement, sample policies, and actual case milestones. Only agencies can submit technology solutions reviews, but vendors can help provide documentation. For Agencies, The Connector is more qualified than a search engine and users are shielded from the noise of sales pitches. For Vendors, The Connector is way to demonstrate successful solutions.

**Exhibit Hall Ribbon Cutting: 3:30 PM – 3:45 PM**

**Welcome Reception Exhibit Hall: 3:45 PM – 6:00 PM**

# Tuesday, May 23, 2023
**Breakfast (Provided): 7:30 AM – 8:30 AM**

**Breakfast & LEIT Section Business Meeting**

- Catherine Miller, NCR-LinX Program Manager, Montgomery County (MD) Police Department
- Rick Scott, Chief of Police, San Luis Obispo (CA) Police Department
- George Vit, Sergeant, South Brunswick (NJ) Police Department
- Mike Bell, Chief Technology Officer, Houston (TX) Police Department
- Crystal Combs, Public Safety Technology Director, City of Charlotte
- George Perera, Major, Miami-Dade Police Department

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All registrants are welcome to attend the Breakfast & LEIT Section Business Meeting. The LEIT Board of Officers will discuss activities of IACP's Law Enforcement Information & Technology Section. LEIT members will elect a new board member.

**Break Time: 8:30 AM – 9:00 AM**

**Plenary Session Time: 9:00 AM – 10:30 AM**

**TBA**

**Break in Exhibit Hall Time: 10:30 AM – 11:00 AM**

**Session Time: 11:00 AM – 12:00 PM**

**Why Technology Leaders Should be Leaders in Business Strategy**

- Rob Morrone – Director Corporate Strategy, Peel Regional Police

Personal Journey of one Tech leader and transition from a Tech leader to Strategy Leader. The benefits of the technology leader understanding impact of their work and decisions on the operations and future of the organization. Explore the journey of one individual from implementing solutions to guiding transformations to helping build the future of an organization. Details still in progress.

**Addressing Elder Abuse, Exploitation, and Transnational Elder Fraud – E.A.G.L.E. and Other Resources for Investigation and Prevention**

- Laura Cook Esq. – Program Manager, NW3C
- James Foley – Vice President, NW3C
- Jeff Lybarger – CECFE Associate Vice President, NW3C
- Alexis Calleros – Project Manager, NCEA/EAGLE
- Julie Schoen JD – EAGLE Deputy Director, NCEA/ EAGLE

Financial exploitation and abuse of older adults is rampant, and law enforcement play a key role in addressing and preventing these types of crimes. This presentation will provide information on transnational elder fraud, what the law enforcement response should look like, and technological tools that can be used in investigations. We will also review resources for law enforcement, specifically the Elder Abuse Guide for Law Enforcement, a tool that aids law enforcement in identifying and investigating elder abuse. The presentation will cover EAGLE's checklists, community resources, and roll call videos.

**Broadband PTT for Law Enforcement as an LMR enhancement**

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- Josh Lober – President/CEO ESChat
- Harlin McEwen – Honorary President, IACP
- Rick Scott –Chief, San Luis Obispo Police Department

A detailed overview of broadband PTT technology with real-world examples of LE applications at the federal, state and local levels. Mission specific examples of non-uniformed and uniformed applications. We will discuss standalone broadband PTT deployments and integrated deployments that include: LMR, Console/CAD and logging/recorder system integration. Benefits include: - Access LMR radio channels from mobile device - Scalable disaster response comms - Rapid field deployment in crisis situations Participants will take away an understanding of the technology benefits, options and costs.

**[Sponsor Slot]**

**Using Body-Worn Camera Footage to Improve Community Engagement: A Tale of Two Cities**

- Craig D. Uchida – President, Justice & Security Strategies, Inc.
- Kelly Muniz – Captain, Los Angeles Police Department
- John Herzog – Lieutenant Colonel, Baltimore Police Department
- John Markovic – Senior Policy Advisor, Bureau of Justice Assistance

This presentation examines how body-worn camera footage is used internally and externally to improve community engagement in the Los Angeles and Baltimore Police Departments. In both cities, BWCs have been employed for over five years and have led to increases in accountability, transparency, and officer safety. This panel will discuss and describe how footage is used for public release of critical incidents, how it is used in training, and how it assists in building trust with their communities.

**Lunch (Provided) in Exhibit Hall: 12:00 PM – 1:00 PM**

**Session Time: 1:00 PM – 2:00 PM**

**Acquiring new technologies to LEA – Lesson Learned**

- Meir Hayun – Ceo, trainCy LTD

The presentation will explore the various methodologies of selecting technological means for law enforcement agencies. The pros and cons of each methodology will be presented, followed by an examination of the "common pitfalls" of each methodology and a discussion of how to overcome these drawbacks. The participants will acquire strategic oversight that will enable them to cope with the abundance of technologies currently offered to LEA, how to prioritize technological tools correctly and how to create the best mechanism for equipping themselves with the most suitable tools.

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**Achieving CJIS Compliance with Smartphones - What You Need to Know + Upcoming CJIS Policy Changes [Stockton]**

- David Straede – Network Administrator, Information Technology, City of Santa Barbara Police Department
- Chris Weatherly – CISSP-ISSMP FBI CJIS Information Security Officer, Federal Bureau of Investigation
- Dale Stockton – Captain (Ret), Carlsbad California Police Department

The utility of smartphones can be significantly expanded if officers can access criminal justice databases and this requires compliance with CJIS policy. Workshop will provide clear guidance on key areas including advanced authentication, mobile device management, encryption, compensating controls, and upcoming policy changes. Presenters: CJIS ISO who administers the FBI CJIS Advisory Policy Board, agency IT manager with more than 30 years of experience who achieved approval for CJI query on smartphones, and a practitioner who authored a guide to assist agencies in achieving CJIS compliance.

**Starting or Expanding Your Drone Program. Drone Guide 101 to Ensure You are Successful**

- Don Redmond – VP Advanced Public Safety Projects, BRINC Drones
- Miriam Foxx – Police Captain, Chula Vista Police Department

The presentation will be a basic overview of the benefits and challenges of starting and growing an agency drone program. Participants will gain an understanding of FAA regulations, and the different use cases for drones while recognizing and understanding the legitimate public concerns about surveillance and privacy. Participants will understand a drone program is not about drones, but the use of drones and community acceptance and will take away steps for gaining and improving community support for their program.

**Policelink - Enhancing community connections through innovative digital evidence collection.**
- Kevin J. Fitzgibbon – Superintendent - Commander, Policelink, Queensland Police Service, Queensland, Australia
- Stewart B. McKinlay – Acting Inspector, Operations Manager, Policelink, Queensland Police Service, Queensland, Australia

Policelink is a world-leader in online crime reporting and is the first Police Contact Centre in the world to use a digital solution (Axon Citizen), to collect digital evidence from the community. The presentation provides an opportunity for the Queensland Police Service to contribute to broader world-wide community safety by sharing our innovative solutions, the efficiency dividends and how these dividends are being reinvested in crime prevention and disruption strategies that align with the organisation's strategic objectives to 'deliver world-class frontline services in community safety'.

**Break in Exhibit Hall Time: 2:00 PM – 2:30 PM**

## Session Time: 2:30 PM – 3:30 PM

### Cooling Down Hot Pursuit with Technology

- Geoffrey Alpert – Professor, University of South Carolina
- Aaron Jimenez – Chief of Police, St. Ann Police Department
- Paul Neudigate – Chief of Police, Virginia Beach Police Department

High-speed pursuits are inherently dangerous, posing significant risks to the life and well-being of officers, innocent bystanders, and the fleeing suspect. Pursuit operations escalate not de-escalate already tense situations. However, technology provides law enforcement with a better way to successfully mitigate the risks and dangers of a pursuit and de-escalate the entire situation potentially saving lives and bringing suspects to justice. This presentation will cover the ways law enforcement agencies can deploy technological solutions to reduce risk, save lives, and protect communities.

### FBI Data Sharing Solutions for Law Enforcement Investigators: An Overview of LEEP, N-DEx and VCC.

- James T. Summers – Liaison Specialist, Federal Bureau of Investigation
- Constantine A. Alex – Chief, The Data Sharing Services Unit (DSSU)

The FBI's Data Sharing Services Unit: LEEP, VCC, and the N-DEx System. The LEEP is a secure platform for law enforcement agencies, intelligence groups, and criminal justice entities. LEEP provides web-based investigative tools and analytical resources. The N-DEx System is an unclassified strategic investigative information sharing system that enables criminal justice agencies to search, link, analyze, and share federal, state, local, and tribal records across jurisdictional boundaries. The VCC is a critical incident management system providing real-time situational awareness.

### Data driven policing: to be or not to be? Ay, there's the rub!
- Oscar Wijsman – AI & Data Science Lead, Netherlands Police

Data-driven policing builds on a solid practice of 20+ years of intelligence-led policing. Innovative use of (AI) technology and data has accelerated to become not only dominant but is also increasingly scrutinised by critics. This presentation looks at both sides of the coin. Being fully data driven implies that our business model must undergo some significant organisational changes. We have no choice but to take this path or we are a dead duck. The other side of the coin is that if we are not able to maintain our legitimacy and the citizens trust at the same time, we are a dead duck too.

### Wireless Technology Use in Exigent Circumstances

- Greg A. Smith – Executive Director, Kelsey Smith Foundation, Inc.

This presentation defines what an exigent circumstance is that justifies the use of wireless technology to locate a person who is at risk of great bodily harm and/or death. Terms used are defined as they pertain to wireless technology use. Important cases are reviewed and used to demonstrate the rationale for using wireless technology without a warrant in these circumstances. Legislative proposals are reviewed.

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The Kelsey Smith abduction and murder case (Kansas 2007) is used as an example of one such case. Policy considerations are discussed and a sample policy is provided for participants.

## Break in Exhibit Hall Time: 3:30 PM – 4:00 PM

## Session Time: 4:00 PM – 5:00 PM

### Planning for continuity in the face of a cyber-attack: Challenges and best practices

- Elliot Harkavy – Senior Advisor CNA
- Dawn Thomas – Director of the Center for Critical Incident Analysis, CNA

Cyberattacks on law enforcement are on the rise. What's the best way to prepare for and mitigate this threat? For five years, CNA has been supporting federal, state, and local cybersecurity exercises. In all cases, cyberattacks provide unique challenges to Continuity of Operations plans, which are generally built around scenarios requiring alternate work spaces rather than system or data loss. With an emergency management approach, we have compiled, and will share, a list of the most common challenges and lessons learned for a wide range of stakeholders across multiple jurisdictional levels

### Using Real Time Analytics to Make Communities Safer

- Melissa Winesburg – Director of Programs and Operations, IJIS Institute
- Kirk Lonbom – Director, Public Safety and Justice Strategy, Microsoft
- Mike Bell –Chief Technology Officer, Houston Police
- Brian Acken – Manager, Justice and Public Safety, SAS

This presentation will discuss tailored approaches utilized by Real-Time Crime Centers to address public safety challenges. The priorities and composition of real time crime centers continues to evolve as threats to public safety change. This panel will discuss how centers can continue to work more effectively while increasing productivity and fostering the collaboration necessary to keep our communities safe.

### Using Cellular Records and Geolocation Analysis of Mobile Devices to Solve Crimes

- Jeffrey German – Detective, Joliet, IL Police Department

This presentation will provide a brief Introduction to Cellular Networks. Attendees will have a better understanding of how to obtain and analyze geolocation data. Attendees will understand the importance of analyzing the pattern of life of suspects device locations to learn valuable information.

### Policing as a Service (PaaS): Reimagining the Role of Front Line Policing in a Digital World

- James Robertson – Coordinator, Cyber Security Program, Fanshawe College
- Oliver Stoetzer – Professor, Wilfrid Laurier University

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Our society is increasingly digital. Cybercrimes continue to rise in prominence and there is a digital element to nearly every crime. Front-line police officers are increasingly being called upon to respond to, investigate, and resolve crimes using their digital literacy and technological skills. However, despite the critical need for these skills, there remains a gap in the recruitment, training, and development of officers' digital skills. The time has come to reimagine policing - from the way it was to the way it is - and equip officers with the technological competencies they need.

**Public Evidence Portals…Building Trust in Citizen Submitted Multimedia Evidence**
- Brandon Epstein – Chief Forensic Officer, Medex Forensics
- Bertram Lyons – CEO, Medex Forensics
- Jesus R. Valenzuela – Manager, Seattle Police Department

Public evidence submission portals like Axon Citizen, NICE Investigate and others provide the ability for the public to easily share video files from cell phones with law enforcement. While a great solution for promoting efficiency and community engagement, citizen submission portals present unique challenges when authenticating submitted evidence. This presentation will highlight these challenges and propose methods to overcome them, allowing agencies to trust their citizen evidence submissions and effectively use them in investigations and prosecutions.

# Wednesday, May 24, 2023
**Plenary Session Time: 8:00 AM – 9:00 AM**

**General Session: When Wire Was King: The Transformation of Telecommunications**

- Speaker – Jennifer Manner – Director, Executive Producer

Executive Producer Jennifer Manner and a panel of experts will discuss *When Wire Was King: The Transformation of Telecommunications*, a feature-length documentary that puts the telecommunications revolution into historical context. Commerce, technology, entertainment, travel, health, and all societal interaction are now so dependent on secure and reliable telecommunications that, if the plug were pulled, our nation and world would likely collapse. As our digital world grows increasingly complex, it's critically important to understand what drives, threatens, and governs the technology on which we all depend.

**Break in Exhibit Hall Time: 9:00 AM – 9:30 AM**
**Session Time: 9:30 AM – 10:30 AM**

**Migrating to the cloud: the good, the bad, and the ugly**

- Brian Alvero – Chief Information Officer, Pasco County Sheriff's Office
- David Clow – Deputy CIO, Metropolitan DC PD
- Kent Augustine – Chief Information Officer, New Mexico Department of Public Safety

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This presentation will bring together public safety technology executives in varying stages of their cloud journey. They will talk about technology, policy, planning and personnel considerations that they evaluated before moving to the cloud. They will discuss successful outcomes, challenges, and even mistakes they made during their efforts to modernize their agency and provide valuable information for the audience to consider when evaluating their own IT environments.

**Governing AI with a Machine Trust Platform: A Use Case Study with the RCMP**

- Paul Boudreau – Executive Director, Technical Operations, Royal Canadian Mounted Police (RCMP)
- Niraj Bhargava – Executive Chair and lead faculty, NuEnergy.ai
- Mardi Witzel – AI Governance Associate and Faculty Member, NuEnergy.ai
- Roch Séguin – Director, Strategic Services Branch, Royal Canadian Mounted Police (RCMP)

Law enforcement is empowering itself with advanced AI based technologies to fight modern crime. While the intent of their use is general welfare, unintentional failures in their governance can lead to a loss of reputation. RCMP is working on a pilot program with NuEnergy.ai to govern the AI used to combat crimes such as child/human trafficking. The RCMP will share how their National Technology Onboarding Program and NuEnergy Machine Trust Platform are helping secure continued access to AI-led tools through governance, establishing AI guardrails, promoting transparency and gauging public trust.

**Managing the Rise of Digital Evidence in Small and Midsize Law Enforcement Agencies**

- George Vit – Support Services Sergeant, South Brunswick PD
- Michael Joy – Senior Law Enforcement Advisor, Cellebrite
- Ryan Parthemore – SaaS Evangelist, Cellebrite
- Bernard E. Gesuelli Jr. – Detective, Newark Police Department
- Brian Barnes – Lieutenant, Upper Allen Township Police Department
- Desmond Racicot – Senior Director of Business Development, Cellebrite

As digital evidence continues to rise, small and midsize law enforcement agencies face the challenge of managing this data with limited resources. This presentation will explore how technological innovations can assist these organizations in developing best practices for dealing with digital sources – providing strategies that have already been successfully implemented by other smaller-scale agencies transforming into the new era of Digital Evidence Management.

**Sun, Fun and Science: Using Technology to Engage Youth in Miami Beach**

- Noel A. Castillo, Ph.D. – Ofc., Miami Beach Police
- Arthur Martineau – Ofc., Executive Director, Miami Beach Police Athletic League
- Deborah Martineau – Ofc., Miami Beach Police

The purpose of this presentation is to describe how a partnership between the Miami Beach Police Department, Miami Beach Police Athletic League and Axon was formed to address a community

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concern. According to Barton et al. (2017), "Large gaps in achievement and interest in science and engineering [STEM] persist for youth growing up in poverty, and in particular for African American and Latino youth from lower-income communities" (p. 4). A coalition of caring cops, counselors, and consultants set out to bridge that gap, using technology to connect with local youth.

**First in the Country: Agency Replaces In Car/Station Computers with Smartphones**
- Scot Haug – Chief of Police Ret., Post Falls Police Department
- Joe Colston – Sheriff, Monroe County Sheriff's Office

As agencies implement technology several considerations must be considered. Focused on cost, efficiency, and communications, this agency designed a "first of its kind" program using smartphones to phase out both in-station and in-car computers. In addition to the cost savings, this program serves as a force multiplier with the agency using a single device—their smartphone—for full access to the mission-critical information they need. In addition to the efficiency of replacing the computers, the agency is able to use the same device as a body-worn camera – all with considerable cost savings.

**Break in Exhibit Hall Time: 10:30 AM – 11:00 AM**

**Session Time: 11:00 AM – 12:00 PM**

**Digital Investigative Capability is No Longer Optional**

- Christian Quinn – Major (Ret.) Cyber & Forensics Commander, Fairfax County Police

Activity from organized crime to everyday street crime has become highly dependent on digital technology to coordinate activities among co-conspirators and to conceal the identities and actions of those involved. Mass shootings have become alarmingly common and are often motivated by extremist ideologies. In a democratic society that values free speech, one can espouse views that may be perceived as distasteful, but still not necessarily be illegal. Christian Quinn will discuss technical tools and strategies that are paramount to keep communities safe and provide justice for victims of crime.

**Biomechanics Analysis from Body-Worn Cameras**

- Geoffrey T. Desmoulin, Ph.D., R.Kin., P.L.Eng. – Principal Biomechanist, GTD Scientific Inc.

Video is the most prolific form of forensic evidence. Hence, this course aims to identify how physics related to a complex human injury can be provided when the violent incident or portions thereof have been captured in a camera frame. Techniques such as 3D scans, photogrammetry, inverse photogrammetry, reverse projection, biomechanical models, and re-enactments using live humans can be used as key investigative tools to assess a use-of-force incident. These concepts will be solidified through multiple real-world case studies. Class discussion will be emphasized.

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**Automate IT Workflows to Boost Officer Efficiency & Productivity and Enhance Time in the Community**

- Marcus Claycomb – Cdr. (Ret.), CPM, FBINA Session #273 National Business Development Manager, Public Sector, Panasonic Connect
- Sean Georgia – FBINA Session 265, Certificate in Criminal Justice Education Territory Account Manager for Professional Services (Public Sector), Panasonic Connect
- Crystal Combs – Certified Government Chief Information Officer Public Safety Technology Director, City of Charlotte

A survey conducted by Panasonic Connect at IACP 2022 found that 73% of respondents believe automation and AI would support the most positive experience for the law enforcement workforce. During this discussion, panelists will share valuable insight on IT tech that can automate agency workflows and alert IT professionals to potential issues before they arise. They will demonstrate technologies to implement and explore widely available services to advance data transformation and digitalization and ensure tech issues never compromise frontline officers' productivity and situational awareness.

**[Sponsor Slot]**

**Deconfliction - The Critically Important Yet Misunderstood and Underutilized Officer Safety Tool**

- Henry Oleyniczak – Contracted Support - Retired Lt. Col. PA State Police, Regional Information Sharing Systems (RISS) Program
- Kent Shaw – Executive Director, Western States Information Network (WSIN)
- Matt McDonald – Chief Information Officer, Regional Information Sharing Systems

Multiple deconfliction systems have been established to enhance officer safety yet everyone uses the term deconfliction without fully understanding the technology and operational environments. This creates a false sense of security that an event/case was actually deconflicted. This presentation will highlight what deconfliction is/is not, deconfliction systems availability, access, operation, level of utilization, national integration, the critical differences between event and target/case/subject deconfliction, the role of the Nationwide Deconfliction Council and the future of deconfliction.

**Lunch (Provided) in Exhibit Hall: 12:00 PM – 1:00 PM**

**Session Time: 1:00 PM – 2:00 PM**

**Empowering the Community through Technology: With Your Voice, Your Needs, Your Evidence**

- Dennis Weiner - Chief of Police, Round Rock Independent School District
- Melissa Hart - CEO & Founder, eBodyGuard
- Amy Grosso - Director of Behavioral Health Services, Round Rock ISD

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The change the community has been asking for with criminal justice partners, providing the trust and transparency through a simple tool for the community to use to communicate their needs when it matters the most. Through the use of this platform, criminal justice agencies can support those experiencing targeted violence and bullying by giving them a voice and more control of their engagement with those who can help.

**Public and Private Partnerships: A New Way to Address the Digital Evidence Challenge**

- Timothy M. Lott - Director of Cybercrime and Digital Forensics, SEARCH Group, Incorporated
- John Trenary - Sr. Digital Forensic Evidence Analyst, SEARCH Group, Incorporated

Digital evidence can be used to corroborate or refute statements made by victims, witnesses, and suspects of a crime. How to effectively handle digital evidence has become a significant challenge for law enforcement. These challenges include hiring and training appropriate personnel to handle digital evidence, retaining personnel, and how to keep those personnel up-to-date on these skills that change rapidly. This session provides a roadmap for agencies looking to combat digital evidence and how partnerships with the private sector can be a cost-effective solution.

**Descoping Accreditation in Digital Forensics – A novel and pragmatic approach**

- Lam D. Nguyen - Laboratory Director, DOD Cybercrime Center (DC3) / Cyber Forensics Lab

Digital forensic labs have largely followed a traditional approach to accreditation that is overly burdensome and unsustainable. Labs must adopt a new paradigm that balances evidence integrity with the fluid nature of digital forensics. This presentation challenges the status quo and proposes a practical approach to maintaining accreditation where it adds value, while descoping areas that are impractical or does not measurably improve quality standards. A discussion on standard methods, validation, and testing rounds out the discussion in comparing digital processes to traditional labs.

**Robots Among Us: Policy-Based Approaches to Fostering Trust and Community Acceptance**

- Brendan Schulman - Vice President of Policy & Government Relations, Boston Dynamics, Inc.

Innovative ground robots and drones are providing dramatic benefits to law enforcement, enhancing the safety of officers and communities. But these very visible technologies have also raised intense concerns relating to weaponization, privacy, and civil rights. This panel of experts from across industry, law enforcement, and government will explore how agencies, product developers, policymakers, and community stakeholders can collaborate on policy solutions. Participants will better understand how to navigate the complexities and challenges of successfully adopting these new technologies.

**Internet of Things - Training and Datasets for Examiners**

- James Darnell - ATSAIC (retired)/COO; U.S. Secret Service/VTO Labs
- John Frucci - Commander (retired)/Assistant Professor, Essex County Sheriff's Department/Oklahoma State University

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This presentation will explain a new Internet of Things (IoT) DOJ/BJA-funded resource that will be free to U.S. law enforcement. Combining resources from Oklahoma State University's Center for Fire & Explosives, Forensic Investigations, Training & Research program, and VTO Labs, a collaborative training portal is being created to distribute technical support and training. Samples of the portal and training content, including IoT forensics research and data recovery processes, will be provided along with student registration instructions.

**Break Time: 2:00 PM – 2:15 PM**

**Session Time: 2:15 PM – 3:15 PM**

**From No Officers to Fully Operational in 90 Days – The Role of Technology as a Force Multiplier**

- Todd Lemoine - Chief of Police, Kimberling City Police Department

After all personnel resigned from Kimberling City PD (MO), the incoming chief faced a formidable challenge. Over the course of 90 days, personnel were screened, hired and training began. During that same 90 days, the chief identified mobile technology solutions that could serve as a force multiplier. He leveraged smartphones to increase operational effectiveness. Using special software, the phones also serve as body cameras that ensure accountability and improve officer safety. Find out how agencies can roll out a mobile program cost-effectively, realizing an immediate return on investment.

**Building a local and inter-agency to intelligence sharing solution for your agency using Office 365**

- Clifford Hagan - Lieutenant, West Palm Beach Police Department

This workshop will detail how the West Palm Beach Police Department's Real Time Crime Center built an inter-agency, CJIS compliant intelligence dissemination, and case deconfliction system using the Office 365 suite of products including Microsoft Teams and Sharepoint. The Metro Area Crime Center Intelligence platform is a searchable, interagency system for the real time dissemination of critical case information and intelligence bulletins which can be built by any agency, in house using the Microsoft Office suite and CJIS compliant cloud architecture.

**Small Cybersecurity Budget? The MS-ISAC Can Help!**

- Emily Sochia - Maturity Services Manager, Center for Internet Security (CIS)
- Michelle Nolan - Regional Engagement Manager, Center for Internet Security (CIS)

The Multi-State Information Sharing and Analysis Center (MS-ISAC) serves all state, local, tribal, and territorial (SLTT) governments across the country. In this session, learn about the Nationwide Cybersecurity Review (NCSR) and how to assess your organization's current cyber posture, identify MS-ISAC resources available at no or low cost and review the current cyber maturity of the law enforcement community based on 2022 NCSR data and how you can benefit from MS-ISAC membership.

**Solve the Unsolvable with DNA and Forensic Genetic Genealogy**

- Ed O'Carroll, Bureau Chief/Major, Fairfax County (VA) Police Department

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With only a small percentage of law enforcement agencies having a dedicated cold case unit, we have to do more to solve the once thought to be unsolvable. With the amazing advancements in DNA, and genealogy, the communities we proudly serve expect us to solve our cold cases. Better understanding the science advancements, community and media expectations and most importantly, victim and survivor impact, you can plan a roadmap for success. You will learn about successful programs that have garnered community support, positive media attention and located offenders living amongst the community.

**Technology Policy Council Workshop Session**

- Catherine A. Miller - NCR-LInX Program Manager, Montgomery County Police Department
- James Emerson - Vice President, National White Collar Crime Center (NW3C)
- Craig Allen - Lieutenant Colonel (Ret), Illinois State Police
- Michael Miller - Chief of Police, Colleyville Police Department

The IACP Technology Policy Council includes the LEIT Section and the technology committees. This workshop will be moderated by Catherine Miller, the IACP LEIT Section Chair, and include three panel members who are the Chairs of the IACP technology committees. It will feature discussions of new and emerging technologies, evolving policies and practices, and challenges faced and overcome in planning for, implementing, and managing technology. They will highlight the work of each of their committees, what deliverables they have produced and what work is underway for the next year.

~End of Program~

***Download the IACP Mobile App to stay up to date on all schedule changes. The Technology Conference schedule will be available April 21, 2023***.

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