



2023 Technology Conference Educational Program

Subject to change.

Special Sessions

Opening Ceremony

Monday, May 22 | 8:00 AM – 9:00 AM | 255 BC

Opening ceremony to launch the IACP 2023 Technology Conference in Salt Lake City, Utah. Several key IACP representatives will speak at the conference and discuss the goals throughout. Since 1977, the IACP Technology Conference has provided training, professional development, and a national forum for law enforcement executives, operational managers, and technology and research staff to share best practices and lessons learned on a broad array of new and emerging technologies. Once started, John McMahon will open the conference by sharing his experience and expertise.

- **John McMahon** Deputy Chief / Chief Operating Officer, *Information Technology Bureau, Los Angeles Police Department*

Insight on Innovation, Trust, and Community Connections with IACP's Technology Policy Council

Tuesday, May 23 | 9:00 AM – 10:30 AM | 255 BC

Steven M. Dettelbach, Director of the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), will discuss the role of the ATF in aiding state, local and tribal enforcement in addressing current challenges and the role technology plays during his general session presentation. IACP's Technology Policy Council will then provide insight on the latest technology, policy, privacy, and legislative issues and challenges facing law enforcement today. Be a part of the conversation and learn how your agency can leverage the work of the Technology Policy Council to effect change with new and emerging technologies, evolving policies and practices, and challenges faced and overcome in planning for, implementing, and managing technology.

- **Steven Dettelbach** Director of the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF)

Data Into Action with Real Time Crime Centers

Wednesday, May 24 | 8:00 AM – 9:00 AM | 255 BC

There were 25% fewer people shot in New Jersey in 2022 compared to 2021. Hear from Lieutenant Colonel Joseph P. Brennan of the New Jersey State Police on how New Jersey uses data and technology in the context of Real-Time Crime Centers. Identify violent inter-jurisdictional recidivist offenders, overcome interoperability issues, impact the environment, and how you can do it in your area of responsibility.

- **John Brennan** Executive Officer, Investigations Branch Commanding Officer, *New Jersey State Police*

Workshops

Effective Use of Cellular Data in Criminal Investigations: Challenges and Opportunities

Monday, May 22 | 9:15 AM – 10:45 AM | 155C

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.

- **James (Jim) Emerson** USMC Retired, *National White Collar Crime Center (NW3C)*
- **Justin Fitzsimmons** Associate Vice President, *National White Collar Crime Center (NW3C)*
- **Martin Griffiths** Founder and Strategic Development Director, *Forensic Analytics LTD*

Innovative Technology: The Future of Officer Health and Wellness

Monday, May 22 | 9:15 AM – 10:45 AM | 155E

Prior research suggests that first responders often underutilize health and wellness resources (e.g., Jetelina et al., 2020), which may be because of confidentiality concerns, a lack of accessibility, or a lack of knowledge about what is available. 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.

- **Joe Ramirez** Founder & CEO, *Lighthouse Health and Wellness*
- **James Foley, MA** Vice President Emeritus, *National White Collar Crime Center (NW3C)*
- **Tom Jarvie** Chief of Police (Retired), *Green River (WY) Police Department*

Leveraging Everyday Technology to Increase Access to Training: The COPS Training Portal & eLearning

Monday, May 22 | 9:15 AM – 10:45 AM | 155B

First Responder Support Team (FRST) Midwest is a non-profit established by first responders to serve first responders. The multi-disciplinary board of directors have worked alongside culturally competent mental health professionals to establish regions within the state of Kansas to provide crisis response, education, and other services to first responders and their families. During this workshop, attendees will hear lessons learned creating a state-wide program, how to sustain the program, and future plans for FRST Midwest.

- **Jeremy Kommel-Bernstein** Policy Analyst, *U.S. Department of Justice, Office of Community Oriented Policing Services (COPS)*
- **Sheila Gunderman, CAE** Director of Programs, *National Center for Policing Innovation*
- **Stephen Boehm** Deputy Chief, *Metro Transit Police Department*
- **Billie Yrlas Coleman** Supervisory Policy Analyst, *Office Community Oriented Policing Service*

New CJIS Security Policy Requirements and Their Impact on Criminal Justice Agencies and Industry

Monday, May 22 | 9:15 AM – 10:45 AM | 155F

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.

- **Robert May, II** Program Director, *IJIS Institute*
- **Charlie Schaeffer** Public Safety & Justice, State & Local Government, *Microsoft*
- **John (Chris) Weatherly**, CISSP-ISSMP, *Federal Bureau of Investigation, Criminal Justice Information Services (CJIS)*
- **Rick Scott** Chief of Police, *San Luis Obispo Police Department, California*
- **David M. Shipley** CISC/LinX RM Executive Director, *Colorado Information Sharing Consortium (CISC)*

Addressing Organized Retail Crime Utilizing New and Old Technology

Monday, May 22 | 11:00 AM – 12:00 PM | 155B

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 secondhand dealership analytics) that just recently became available to police departments.

- **Travis Martinez** Deputy Chief of Police, *Redlands (CA) Police Department*
- **Tom Severance** Captain (Retired), *Fremont (CA) Police Department*
- **Alex Finley** CEO Leads Online, *LeadsOnline LLC*

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

Monday, May 22 | 11:00 AM – 12:00 PM | 155E

This discussion will assist small and mid-size agencies that are considering or in the process of developing a Real-Time Crime Center. This presentation will cover guidance and recommendations to successfully engage the community in supporting the project, including operational and financial support. 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.

- **Amy Gauldin, MPA , FBINA #281** Captain, Criminal Intelligence Bureau/Firearms Identification and Intelligence Division , *Winston-Salem (NC) Police Department*

- **Benjamin Jones** Lieutenant, *Winston-Salem (NC) Police Department*

Federal Dataset Access Through FirstNet

Monday, May 22 | 11:00 AM – 12:00 PM | 155F

The ability to share information across agencies, jurisdictions and state lines is critical for law enforcement. In this presentation, we will show how FirstNet® Built with AT&T, CJIS/FBI and AT&T are collaborating to give eligible law enforcement agencies access to the Law Enforcement Enterprise Portal (LEEP) – the secure platform that provides agencies the web-based investigative tools and resources they need. We'll talk about LEEP and FirstNet Central, and how the federal government and private industry can share information while still meeting all cybersecurity requirements.

- **Catherine Watson, MS** Sr. Lead, Product Management and Development, *FirstNet, Built with AT&T*
- **Charlotte Whitacre** Director, Government Engagement, *FirstNet Authority*
- **Constantine A. Alex** Unit Chief - Data Sharing Services Unit, *FBI/CJIS*

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

Monday, May 22 | 11:00 AM – 12:00 PM | 155C

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.

- **Scott Tuma** Internet Program Director, *PenLink*
- **Sheri Madison** Criminal Intelligence Analyst, *Greater Hardin County Narcotics Task Force*

A Chief's Perspective: How to Manage and Reduce Your Cyber Risk

Monday, May 22 | 1:00 PM – 2:00 PM | 155B

In this interactive session, attendees will hear from industry leaders around some of the most pressing cyber and compliance risks, while also gaining a better understanding of how public safety security controls should be a shared responsibility between your CAD and RMS provider, cloud provider, and your agency. The panel will share best practices and opportunities that your agency can take advantage of in order to strengthen your compliance and security posture in this evolving climate. Attendees will leave this session with a checklist of security and compliance controls that should exist between you and your vendors.

- **Gerard Gallant, CPA CA** Leader - CJIS Program - AWS, AWS
- **Lawrence Zorio, III** Chief Information Security Officer, *Mark43*
- **Michael Ishii** Chief (Ret.), *Hawthorne (CA) Police Department*

Dark-Web Investigation and HSI Cyber Intrusion

Monday, May 22 | 1:00 PM – 2:00 PM | 155C

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.

- **Eric Povlish** Special Agent, Network Intrusion Investigations, *U.S. Department of Homeland Security, Homeland Security Investigations*
- **Christopher W. Diorio** Supervisory Special Agent, *U.S. Department of Homeland Security, Homeland Security Investigations*

Evidence Based Predictive and Productive Policing Using Artificial Intelligence in Small Agencies

Monday, May 22 | 1:00 PM – 2:00 PM | 155E

This presentation will provide six promises on how to utilize artificial intelligence cost-effectively for smaller police departments. This discussion will change the focus to victim-centered and human-centered policing while increasing effectiveness with reduced staff. The promises address the 5th industrial revolution, blockchain technology, 21st Century Policing, Evidence-Based Policing, Predictive Policing, and Community Relationships.

- **Philip Lukens** Chief of Police, *Alliance (NE) Police Department*

Justice Counts: You Can't Change What You Can't Measure

Monday, May 22 | 1:00 PM – 2:00 PM | 155D

When policymakers react to criminal justice trends like increases in reported crime, all too often they must do so based on stale, submerged, or scattered data or on anecdotal evidence. Criminal justice policymaking requires timely and actionable criminal justice data. Justice Counts, a Bureau of Justice Assistant led-project, is a suite of tools built by the field, for the field that creates a community of data to drive decision-making. The Council of State Governments Justice Center, will provide an overview of how Justice Counts helps policymakers better understand the ways that past reform efforts are shaping the narrative with up-to-date data and resources from Justice Counts.

- **Laura van der Lugt, PhD** – Deputy Program Director, Justice Counts, *Council of State Governments Justice Center*
- **Stephanie Villanueva, MS** – Policy Analyst, *The Council of State Governments (CSG) Justice Center*

Mental Health Response Data Collection

Monday, May 22 | 1:00 PM – 2:00 PM | 155F

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.

- **Jeff Willard** Police Technology Manager, Information Technology, *Fort Collins (CO) Police Services*
- **Andy G. Leslie** Sergeant, Special Operations Division, *Fort Collins (CO) Police Services*

Connecting Agencies and Vendors: The IACP Connector Technology Resource Guide

Monday, May 22 | 2:30 PM – 3:30 PM | 155E

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.

- **George Vit** Sergeant, Support Services, *South Brunswick Police Department, New Jersey*
- **David M. Shipley** CISC/LInX RM Executive Director, *Colorado Information Sharing Consortium (CISC)*
- **Jonathan Lewin, MA** Executive Officer for Operations, *U.S. Department of Justice, INTERPOL Washington*
- **Richard Zak** Director - Data Governance & Compliance, *Microsoft*

Face Recognition “Lookalikes”: Investigative Steps to Resolve

Monday, May 22 | 2:30 PM – 3:30 PM | 155F

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.

- **Joseph Courtesis** Inspector (NYPD ret.), NYPD- retired, *JCour-Consulting*
- **Yevgeniy Sirotin, PHD** Technical Director, *SAIC Identity and Data Sciences Laboratory*

Technology and Training: New Solutions for Continuing Challenges

Monday, May 22 | 2:30 PM – 3:30 PM | 155B

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.

- **Donald Zoufal, JD, CPP** 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*
- **Rob Rubin, MBA**, University of Chicago – CEO and Founder, *REAL Training Systems*

Using Data to Cultivate Community Engagement and Improve Outcomes in Law Enforcement

Monday, May 22 | 2:30 PM – 3:30 PM | 155C

With the right technology solutions, law enforcement agencies can use data to build bridges with communities, improve situational awareness, and increase efficiency in a challenging labor market. Valuable data is being collected at an unprecedented rate from an ever growing number of cloud-connected devices and software systems. While the amount of data can be overwhelming, it also presents an opportunity. Hear an expert panel discuss how their departments are using data for emergency response, increased officer efficiency, and improved outcomes for constituents.

- **Scott Montgomery** Law Enforcement / School Safety Leader, *AWS*
- **Michael P. O'Connor**, Masters Degree – Deputy Chief, *Atlanta Police Department*
- **Jim Britt** Captain, *Seattle (WA) Police Department*

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

Tuesday, May 23 | 11:00 AM – 12:00 PM | 155C

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.

- **Laura Cook, JD** Program Manager, *National White Collar Crime Center (NW3C)*
- **James Foley, MA** Vice President Emeritus, *NW3C*
- **Alexis Calleros** Project Coordinator, *Elder Abuse Guide for Law Enforcement*
- **Julie Schoen, JD** EAGLE Deputy Director / NCEA Emeritus, *Elder Abuse Guide for Law Enforcement*
- **Jeffrey D. Lybarger, CFE** Vice President, *NW3C*

Broadband PTT for Law Enforcement as an LMR Enhancement

Tuesday, May 23 | 11:00 AM – 12:00 PM | 155F

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.

- **Josh Lober** President/CEO, *ESChat*
- **Harlin R. McEwen** Honorary President, *IACP*
- **Rick Scott** Chief of Police, *San Luis Obispo Police Department, California*

Building Community Bonds In a Tech-Driven World

Tuesday, May 23 | 11:00 AM – 12:00 PM | 155E

Many law enforcement agencies choose force-multiplying technology to effectively maintain a safe community with fewer resources. But an added benefit of this technology is the opportunity it provides to bring community stakeholders into the conversation around safety, creating a more holistic and equitable public safety infrastructure. You will hear from law enforcement leaders from around the country on how they have shaped policing technology programs with community input and community bridges specifically in mind.

- **Elan Greenberg** Chief Operating Officer, *Flock Safety*
- **Eric R. Young, MPA** Chief of Police, Ogden, *Ogden City Corp*
- **Tyson S. Carrol**
- **Tracy Avelar, MA** Chief of Police, *Foster City Police Department*
- **Seth Ahlstrom Cimino** Detective Sergeant, Citrus Heights Police Department, *Citrus Heights Police Department*

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

Tuesday, May 23 | 11:00 AM – 12:00 PM | 155B

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.

- **Craig D. Uchida** President, *Justice & Security Strategies, Inc.*
- **Kelly Muniz** Captain, Media Relations, *Los Angeles (CA) Police Department*
- **John R. Herzog, III, M.S.** Lieutenant Colonel, *Baltimore (MD) Police Department*
- **Shellie Solomon, PhD** Chief Executive Officer, *Justice & Security Strategies, Inc.*

A New Understanding of Our Most Important Lifeline – The Map

Tuesday, May 23 | 1:00 PM – 2:00 PM | 155C

Seconds are crucial in mission critical situations and locating a 9-1-1 caller can be challenging. Join us and gain new insight into three key components of your map: Location Accuracy, Data, and Training and how to use these elements together to help you quickly and accurately pinpoint the location of the emergency. Understanding these elements and how to leverage cloud-based mapping data, will help you today and prepare you for the future.

Three takeaways:

- Gain insight into how Location Accuracy, Map Data, and Training work together to deliver a map experience that helps you locate an emergency caller.
 - Discover nationally available data sources that are available and can help you gain better location awareness.
 - Get acquainted with cloud-based mapping and how to incorporate new data sources into your map to initiate a better response for the caller and field responders
- **Chuck Ronshagen Sr.** Solutions Architect, *NGCS & GIS*
 - **Dave Wilson** Industry Specialist. (Ret.) Asst. Chief of Police Ventura Police Department, *Motorola Solutions*

Achieving CJIS Compliance with Smartphones: What You Need to Know & Upcoming CJIS Policy Changes

Tuesday, May 23 | 1:00 PM – 2:00 PM | 155F

The utility of smartphones can be significantly expanded if officers can access criminal justice databases and this requires compliance with CJIS policy. This 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.

- **David Straede** Network Administrator, Information Technology, *Santa Barbara Police Department, California*
- **John (Chris) Weatherly, CISSP-ISSMP**, Federal Bureau of Investigation, *Criminal Justice Information Services (CJIS)*

- **Dale Stockton** Captain (Ret.), *Carlsbad Police Department, California*

Acquiring New Technologies to LEA—Lessons Learned

Tuesday, May 23 | 1:00 PM – 2:00 PM | 155B

This 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.

- **MEIR HAYUN, MA** – Ceo, *TrainCy*

Internet of Things - Training and Datasets for Examiners

Tuesday, May 23 | 1:00 PM – 2:00 PM | 155B

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.

- **James Darnell** ATSAIC (retired); COO, U.S. Secret Service; *VTO Labs*
- **John J. Frucci, III, EdD**, Assistant Professor, Retired Detective, Essex County Sheriff's Office, *Oklahoma State University, School of Forensic Sciences*

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

Tuesday, May 23 | 1:00 PM – 2:00 PM | 155E

This 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.

- **Don Redmond** VP Advanced Public Safety Projects, *BRINC Drones*
- **Michael D. McLaughlin**, Lieutenant, Masters Business Administration – Lieutenant Research Design and Implementation of Technology, Real Time Operations Center Commander, *Schenectady Police Department, Schenectady NY*

Cooling Down Hot Pursuit with Technology

Tuesday, May 23 | 2:30 PM – 3:30 PM | 155B

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.

- **Dean M. Kueter, Jr.** Vice President, *Brooks Bawden Moore*
- **Brian Strockis** Chief of Police, Oak Brook, Illinois, *Oak Brook (IL) Police Department*
- **Eric Tang** Captain, *Fremont (CA) Police Department*
- **Joseph Peters** Lieutenant, *Westchester County (NY) Department of Public Safety*

Data Driven Policing: To Be or Not to Be? Ay, There's the Rub!

Tuesday, May 23 | 2:30 PM – 3:30 PM | 155E

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.

- **Oscar Wijsman** AI & Data Science Lead, *Netherlands Police Department*

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

Tuesday, May 23 | 2:30 PM – 3:30 PM | 155C

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.

- **James T. Summers** Liaison Specialist, *Federal Bureau of Investigation*
- **Constantine A. Alex** Unit Chief - Data Sharing Services Unit, *FBI/CJIS*

Tackling Cryptocurrency Cases - From Complaint to Disruption

Tuesday, May 23 | 2:30 PM – 3:30 PM | 155F

Join former law enforcement and crypto experts walk through what to expect from a typical crypto fraud case and how to use blockchain tools to trace money, identify subjects, and seize assets. This session will provide an overview of crypto crime trends law enforcement should be looking out for, followed by investigative steps to take when approaching these cases.

- **Erin West** Deputy District Attorney, *REACT Task Force/Santa Clara County District Attorney's Office*
- **Schuyler Hawkins**

Wireless Technology Use in Exigent Circumstances

Tuesday, May 23 | 2:30 PM – 3:30 PM | 155D

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. 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.

- **Greg A. Smith, M.Ed.** Deputy Sheriff / Executive Director, *Johnson County (KS) Sheriff's Office / Kelsey Smith Foundation, Inc.*

Planning for Continuity in the Face of a Cyber-Attack: Challenges and Best Practices

Tuesday, May 23 | 4:00 PM – 5:00 PM | 155B

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

- **Elliot Harkavy** Senior Advisor, *Institute for Public Research, Center for Naval Analyses (CNA)*
- **Carrie Shelton, PhD** Senior Research Scientist, *Institute for Public Research, CNA*
- **Stephanie Aldridge** Captain, Police Information & Technology, *Tulsa Police Department*

Public Evidence Portals...Building Trust in Citizen Submitted Multimedia Evidence

Tuesday, May 23 | 4:00 PM – 5:00 PM | 155E

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.

- **Brandon Epstein** Chief Forensic Officer, *Medex Forensics*
- **Jesus Valenzuela** Manager III, Forensic Digital Imaging, *Seattle Police Department, Washington*

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

Tuesday, May 23 | 4:00 PM – 5:00 PM | 155F

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.

- **Jeffrey German** Detective, *Joliet (IL) Police Department*

Using Real Time Analytics to Make Communities Safer

Tuesday, May 23 | 4:00 PM – 5:00 PM | 155C

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.

- **Melissa J. Winesburg** Director of Programs and Operations, *IJIS Institute*
- **Kirk Lonbom** Director Public Safety & Justice Strategy & Solutions, Microsoft, State and Local Government, *Microsoft*
- **Stephen P. Shirley** Director, Justice and Public Safety, *SAS Institute*
- **Scott Howland, EdD** Chief Product Officer, *Fusus*

First in the Country: Agency Replaces In Car/Station Computers with Smartphones

Wednesday, May 24 | 9:30 AM – 10:30 AM | 155D

As agencies implement technology several factors 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.

- **Scot Haug**, Chief of Police - Ret., *Post Falls (ID) Police Department*
- **Joe Colston** Sheriff, *Monroe County (MO) Sheriff's Office*

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

Wednesday, May 24 | 9:30 AM – 10:30 AM | 155C

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. 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.

- **Paul Boudreau** Chief Information Officer (CIO), Information Management / Information Technology Program, *Royal Canadian Mounted Police (RCMP)*
- **Niraj Bhargava, P.Eng., ICD.D** Executive Chair, *NuEnergy.ai*
- **Robyn Hulan** Chief Transformation Officer, *Royal Canadian Mounted Police*
- **Laila Martin A.** Director , Strategic Services Branch, Technical Operations, *RCMP*

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

Wednesday, May 24 | 9:30 AM – 10:30 AM | 155F

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.

- **George Vit** Sergeant, Support Services, *South Brunswick Police Department, New Jersey*
- **Michael Joy** Senior Law Enforcement Advisor, *Cellebrite*
- **Ryan Parthemore** SaaS Evangelist, *Cellebrite*
- **Brian Barnes** Lieutenant, *Upper Allen Township (PA) Police Department*
- **Scott Montgomery** Law Enforcement / School Safety Leader, *AWS*

Migrating to the Cloud: The Good, the Bad, and the Ugly

Wednesday, May 24 | 9:30 AM – 10:30 AM | 155B

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.

- **David Clow** Master of Science - IT Project Management – CIO, *Technical and Analytical Services Bureau, Metropolitan DC PD*
- **Kent Augustine** Chief Information Officer, *New Mexico Department of Public Safety*
- **Michael Melton** Captain (Ret), *Los Angeles (CA) Police Department*

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

Wednesday, May 24 | 9:30 AM – 10:30 AM | 155E

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 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.

- **Noel A. Castillo, PhD** Officer/Lead Researcher, *Miami Beach Police Department*
- **Arthur W. Martineau** Ofc. Arthur Martineau, Executive Director, *Miami Beach (FL) Police Athletic League*
- **Deborah Martineau** Ofc. Deborah Martineau, *Miami Beach (FL) Police*

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

Wednesday, May 24 | 11:00 AM – 12:00 PM | 155F

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.

- **Marcus Claycomb, Cdr. (Ret.), CPM, FBINA Session #273** National Business Development Manager, Public Sector, *Panasonic Connect*

- **Sean D. Georgia, FBINA Session 265** Territory Account Manager for Professional Services (Public Sector), Major (ret.), Pennsylvania State Police, *Panasonic Connect*
- **Crystal Combs**, Certified Government Chief Information Officer, Public Safety Technology Director, *City of Charlotte (NC)*

Biomechanics Analysis from Body-Worn Cameras

Wednesday, May 24 | 11:00 AM – 12:00 PM | 155C

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.

- **Geoffrey T. Desmoulin, PhD, R.Kin., P.L.Eng.** Principal Biomechanist, *GTD Scientific Inc.*

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

Wednesday, May 24 | 11:00 AM – 12:00 PM | 155D

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.

- **Kent A. Shaw** Executive Director, Western States Information Network, *Regional Information Sharing Systems (RISS) Program*
- **Michael McDaniel** Senior Software Engineer, *Regional Information Sharing Systems (RISS)*

Digital Investigative Capability is No Longer Optional

Wednesday, May 24 | 11:00 AM – 12:00 PM | 155D

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.

- **Christian Quinn** Major (Ret.) Cyber & Forensics Commander, *Fairfax County (VA) Police*
- **Michael P. O'Connor**, Masters Degree, Deputy Chief, *Atlanta Police Department*
- **Lenny Nerbetski, MAS** Senior Law Enforcement Advisor, *Fairleigh Dickinson University*

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

Wednesday, May 24 | 1:00 PM – 2:00 PM | 155B

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.

- **Dennis Weiner, MPA, JD, LLM** Chief of Police, *Round Rock (TX) ISD Police Department*
- **Melissa Hart** CEO & Founder, *eBodyGuard*
- **George Brauchler**

Get that Data Back! Asset Data Recovery Utilizing DC3 Advanced Carver

Wednesday, May 24 | 1:00 PM – 2:00 PM | 155F

The DoD Cyber Crime Center Advanced Carver (DC3AC) tool, free to law enforcement, is a specially developed advanced file carving tool utilizing sophisticated algorithms to recover damaged or obfuscated files to support law enforcement investigations, counterintelligence, military activities, and more. It can carve complete files and repair partial files for multiple file types such as: archives, audio, databases, documents, free text, pictures, software, videos and more. Attendees will learn about capabilities of DC3AC, how to acquire access to tool utilization, and integration into automated systems.

- **James Tripiciano** Computer Scientist, *DoD Cyber Center (DC3)*

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

Wednesday, May 24 | 1:00 PM – 2:00 PM | 155C

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 that 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.

- **Timothy M. Lott** Director of Cybercrime and Digital Forensics, *SEARCH Group, Incorporated*
- **John Trenary, PSM, CFCE, GCFA, GCFE, GIME, GASF** Sr. Digital Forensic Evidence Analyst, *SEARCH Group, Incorporated*

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

Wednesday, May 24 | 1:00 PM – 2:00 PM | 155E

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.

- **Brendan Schulman** Vice President of Policy & Government Relations, *Boston Dynamics, Inc.*
- **Brian Bixler**, Captain Commanding Officer, Metropolitan Division, *Los Angeles (CA) Police Department*
- **Ashley Johnson** Senior Policy Analyst, *Information Technology and Innovation Foundation*
- **Michael D. McLaughlin**, Lieutenant, Masters Business Administration, Lieutenant Research Design and Implementation of Technology, Real Time Operations Center Commander, *Schenectady Police Department Schenectady NY*
- **Jason Countryman** Sr. Police Officer/Bomb Technician, *Houston Police Department*

Building a Local and Inter-Agency to Intelligence Sharing Solution for Your Agency Using Office 365 (Active Law Enforcement Personnel Only)

Wednesday, May 24 | 2:15 PM – 3:15 PM | 155C

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.

- **Clifford Hagan** Lieutenant, Criminal Investigations, *West Palm Beach (FL) Police Department*
- **Ryan Secord** Investigator / Trainer, *West Palm Beach (FL) Police Department*

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

Wednesday, May 24 | 2:15 PM – 3:15 PM | 155C

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.

- **Todd Nicholas Lemoine** Chief of Police, *Kimberling City (MO) Police Department*

Small Cybersecurity Budget? The MS-ISAC Can Help!

Wednesday, May 24 | 2:15 PM – 3:15 PM | 155F

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.

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

Solve the Unsolvable with DNA and Forensic Genetic Genealogy

Wednesday, May 24 | 2:15 PM – 3:15 PM | 155F

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.

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