



WELCOME

Prosecutors' Center for Excellence Pop-Up
The Good, Bad and Ugly of Digital Evidence
May 9, 2024

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The Good, Bad and Ugly of Digital Evidence

AGENDA

May 9, 2024

12pm to 2pm EDT

INTRODUCTION

COLLABORATION: WORKING TOGETHER TO EFFECTIVELY USE DIGITAL EVIDENCE

Cathee Hansen, Digital Evidence Specialist/Senior Deputy District Attorney
17th Judicial District Attorney's Office (Brighton), CO

THE GOOD, THE BAD, AND THE NOT SO UGLY OF AI

Good: Transcription, Searches

Jessica Hyde, Founder of Hexorida, Adjunct Professor, George Mason University

Bad: Deep Fake

Brandon Epstein, Chief Forensic Officer, Medex Forensics

Legal Considerations for AI

Joe Remy, Assistant Prosecutor, Atlantic County Prosecutor's Office, NJ

LIFE IS A HIGHWAY, WITH MANY CONNECTED CARS WITH MULTIPLE HARD DRIVES

Chris Pylar Detective, Westminster, Colorado

TOASTERS, AND FRIDGES, AND WATCHES.... OH MY! WELCOME TO THE WACKY CONNECTED WORLD OF THE INTERNET OF THINGS!— *Alexa, Fitbits (cases solved with Fitbits), light bulbs, fridges*

Cathee Hansen, Digital Evidence Specialist/Senior Deputy District Attorney
17th Judicial District Attorney's Office (Brighton), CO

REVERSE GEOLOCATION SEARCHES NOW THAT GOOGLE HAS CUT OFF LAW ENFORCEMENT

Joe Remy, Assistant Prosecutor, Atlantic County Prosecutor's Office, NJ

HOW TO HANDLE REJECTION: WORKING WITH THIRD PARTY PROVIDERS

Joe Remy, Assistant Prosecutor, Atlantic County Prosecutor's Office, NJ

Cathee Hansen, Digital Evidence Specialist/Senior Deputy District Attorney
17th Judicial District Attorney's Office (Brighton), CO

SURVEY SAYS: OVERVIEW OF INNOVATIVE PROSECUTION SOLUTIONS PROJECT WITH THE LOUISIANA DISTRICT ATTORNEYS ASSOCIATION

Cathee Hansen, Digital Evidence Specialist/Senior Deputy District Attorney
17th Judicial District Attorney's Office (Brighton), CO

CONCLUSION AND SURVEY

Kris Hamann, Executive Director, Prosecutors' Center for Excellence



Speaker Bios



Cathee Hansen
Digital Evidence Specialist/Senior Deputy District Attorney
17th Judicial District Attorney's Office (Brighton), CO

Digital Evidence Specialist/Senior Deputy District Attorney, 17th Judicial District Attorney's Office, Brighton, Colorado. Cathee is a prosecutor with over 30 years' experience, both at the appellate and trial court levels, with an expertise in Fourth Amendment law. Cathee is the Digital Evidence Specialist at the 17th Judicial District Attorney's Office in Brighton Colorado. She is a subject matter expert in digital evidence and provides assistance and training to law enforcement and prosecutorial agencies as well as federal task forces, both locally and nationally. She is a member of SWGDE, AAFS (Digital and Multimedia Section), and ASTM (Digital and Multimedia Section). She is also the project manager for two federal grant projects related to digital evidence, including this project involving prosecutor training in the area of digital evidence.



Joseph Remy
Assistant Prosecutor
Atlantic County Prosecutor's Office, NJ

Assistant Prosecutor with the Atlantic County Prosecutor's Office, Mays Landing, New Jersey. Joseph is an attorney licensed in the State of New York and State of New Jersey. Joseph is a Certified Cyber Crime Examiner (3CE), a Certified Blockchain Expert (CBE), and a Certified Six Sigma Black Belt. Joseph started his legal career as a defense attorney dealing with a variety of civil and criminal matters. Following his work in private practice, Joseph joined the Manhattan District Attorney's Office where he investigated and prosecuted a variety of criminal cases ranging from assault to robbery. During this time, Joseph gained expertise in cybersecurity, digital forensics, network intrusions, and source code thefts. Joseph thereafter joined the New Jersey Office of the Attorney General where he investigated and prosecuted child exploitation offenses and cybercrimes, while also working on a number of legislative and policy matters. Joseph thereafter joined the Burlington County Prosecutor's Office where he served as the Financial, Cyber, and Insurance Fraud Section Head. He is currently assigned to the Special Victims Unit at the Atlantic County Prosecutor's Office.



Kristine Hamann
Executive Director
Prosecutors' Center for Excellence

Kristine Hamann is the Executive Director and founder of Prosecutors' Center for Excellence (PCE). PCE provides consulting, publications, national meetings, and research services for prosecutors to promote best practices, spur innovations and implement solutions. PCE conducts assessments of prosecutor offices of all sizes providing recommendations for improved practices and efficiencies. She is a technical advisor and subject matter expert on many topics including gun crime, witness intimidation, ethics, crime strategy and data collection, community outreach and implicit bias. From 2013 to 2016, Kristine Hamann was a Visiting Fellow at DOJ/ Bureau of Justice Assistance and has worked with prosecutors in over 40 states on best practices. She chairs the National and NY State Best Practices Committee for prosecutors and teaches at Georgetown Law School. She was a member of the American Bar Association (ABA) Criminal Justice Council and is on the ABA Criminal Justice Journal Editorial Board. From 2008 to 2013, Ms. Hamann was the Executive Assistant District Attorney for the Special Narcotics Prosecutor for the City of New York. From 2007 to 2008, Ms. Hamann was the New York State Inspector General. From 1998 to 2007, Ms. Hamann served as the Executive Assistant DA to DA Robert Morgenthau in the Manhattan District Attorney's Office in New York City. Prior to 1998, Ms. Hamann held several other positions in that office including Deputy Chief of the Trial Division and Director of Training. She started her career as a violent crime prosecutor. She has received various awards for her public service, including The Morgenthau Award (NYS District Attorney's Association 2020), The Ethics and Accountability Award (City and State NY, 2018), Outstanding Prosecutor of 2013 (NY State Bar Association), Prosecutor of the Year for Executive Leadership (NYS District Attorney's Association 2010), Excellence in Government Award (Albany Law School, 2008) and Public Service Award for Outstanding Public Service (NY County Bar Association, 2005).



Jessica Hyde
Founder of Hexordia
Adjunct Professor, George Mason University

Jessica Hyde is an experienced forensic examiner in both the government and commercial sectors and speaker on Digital Forensic topics. She is the founder of Hexordia and an Adjunct Professor teaching Mobile Forensics in the Digital Forensics graduate program at George Mason University, where she achieved an MS in Computer Forensics. She is also involved in several community efforts including Chair of DFIR Review, 1st VP on the International Executive Committee of the High Tech Crime Investigation Association, and advisory board for Cyber Sleuths Lab. Her previous roles include Director of Forensics at Magnet Forensics, Senior Mobile Exploitation Analyst for Basis Technology, Senior at EY, and Senior Electrical Engineer at American Systems. Jessica is also proud to be a veteran of the United States Marine Corps.



Brandon Epstein
Chief Forensic Officer
Medex Forensics

Brandon Epstein is the Chief Forensic Officer at Medex Forensics and has been a digital forensic examiner since 2014. Brandon holds a Master of Science degree in Recording Arts – Emphasis Media Forensics as well as numerous digital forensic certifications. He is the chair of the Scientific Working Group on Digital Evidence and is a member of the IAI's Forensic Video Certification board, IACP Cybercrime and Digital Evidence committee, the American Academy of Forensic Science, and the NIST/OSAC Video/Imaging Technology and Analysis Subcommittee. Brandon is an adjunct professor in the New Jersey Institute of Technology's Forensic Science Program and regularly provides digital forensic instruction to local, state, and federal law enforcement officers nationwide and internationally.



Chris Pylar
Detective
Westminster, Colorado

Detective Chris Pylar has been a police officer in Colorado for more than thirty years. He began his career in Summit County, Colorado as a deputy, and then was a police officer in Golden, Colorado, where he grew up, until 2002 when he became a police officer in Westminster, Colorado. During his tenure at the Westminster Police Department, Detective Pylar was a patrol officer, field training officer, and was a member of the Traffic team, investigating and reconstructing serious and fatal traffic collisions. As a detective for more than 15 years, Detective Pylar has worked Crimes against Children including abuse and exploitation including internet exploitation. In 2015, Detective Pylar was selected as a Westminster Task Force Officer to the FBI Denver Rocky Mountain Safe Streets Task Force, investigating bank robberies, carjackings, kidnappings, and other violent crimes with a potential Federal nexus. In 2020, Detective Pylar was selected to participate as a member of the FBI Cellular Analysis Survey Team (CAST). After completing the certification process, which spanned more than one month of training and evaluation, Detective Pylar became a CAST "field asset" in the FBI Denver Division. On a daily basis FBI CAST assets provide investigative assistance, testimony, and training to law enforcement across the country and internationally surrounding historical call records analysis and other records analysis. Detective Pylar has testified as an expert witness in this arena in state and Federal courts, and has provided training to several hundred law enforcement officers and prosecutors across the country.



Related Materials



Links to Related Materials

THE GOOD, THE BAD, AND THE NOT SO UGLY OF AI

- [NIST Circular 8312 - Four Principles of Explainable Artificial Intelligence](#)
- [Northwestern Journal of Technology and Intellectual Property – Artificial Intelligence as Evidence](#)
- [Evaluating the use of AI in digital evidence and courtroom admissibility](#)

THE BRAVE LITTLE CONNECTED TOASTER IN A ROOM WITH THE INTERNET OF THINGS

- [Scientific Working Group on Digital Evidence—Best Practices for On-Scene Identification, Seizure, and Preservation of Internet of Things \(IoT\) Devices](#)
- [Scientific Working Group on Digital Evidence—SWGDE Technical Notes on Internet of Things \(IoT\) Devices](#)
- [Scientific Working Group on Digital Evidence—Best Practices for Internet of Things \(IoT\) Seizure and Analysis](#)

REVERSE GEOLOCATION SEARCHES NOW THAT GOOGLE HAS CUT OFF LAW ENFORCEMENT

- [Scientific Working Group on Digital Evidence—Best Practices for Obtaining Google Reverse Location Data for Investigative Purposes](#)
- [Scientific Working Group on Digital Evidence—Recommendations for Cell Site Analysis](#)
- [Scientific Working Group on Digital Evidence—Position on the Use of Reverse Location Data for Investigative Purposes](#)
- [Scientific Working Group on Digital Evidence—SWGDE Comments on Forced Minimization Requirements for the Seizure of Digital Evidence](#)

CLE Credit and Survey



Instructions to Receive CLE Credit

Please Read Carefully

The Prosecutors' Center for Excellence has not requested continuing legal education accreditation for this program. Instead, we will supply you with a **Uniform Certificate of Attendance**. This certificate will include Prosecutors' Center for Excellence (PCE) as the sponsor, the title of this conference, the dates of this conference, the location of this conference as well as a calculation of the CLE Credit Hours under both a 60-minute and 50-minute hour system. We believe that these hours accurately reflect the CLE credit you should receive. However, each state has its own rules on the accrediting process which could affect this calculation.

At the end of each session, you will receive a conference evaluation. You will need to fill out the survey in order to receive the **Uniform Certificate of Attendance.**

As part of the meeting materials, PCE will supply you with this meeting's agenda, a description of the various content to be covered throughout this conference, as well as the names and biographies of the speakers.

You will need to apply for CLE credit on your own through your state's specific process. Most jurisdictions have this as an option. Some jurisdictions require members to apply and report within 30 days of the original program date. We hope that the **Uniform Certificate of Attendance** will aid you in this process.

Sign-In Sheets

To obtain CLE credit, most states require attendees to sign in at the time of the meeting. PCE will maintain a copy of the registration list as well as a record of who attended each session (present at start and end of each session) and send copies upon request.

Here are some specific sign-in rules from a variety of states. There will be no physical sign-in sheet, instead PCE will be taking time-stamped log of participants from zoom reports. If you need a copy of our records please contact PCE.

Delaware Attorneys: Delaware Attorneys and speakers seeking CLE credits must **sign in** at each individual session you attend.

Illinois Attorneys: Illinois Attorneys and speakers seeking CLE credits must **sign in** at each individual session you attend. The sign-in documentation is used to verify your total number of CLE hours.

New York Attorneys: New York Attorneys and speakers seeking CLE credits must **sign in** and **sign out** of each individual session you attend.

Pennsylvania Attorneys: Pennsylvania Attorneys must complete the Pennsylvania CLE Credit Request form to report attendance at in-person programs.

Texas Attorneys: Texas Attorneys must complete the Texas CLE Course Attendance Form to report attendance at in-person programs.



UNIFORM CERTIFICATE OF ATTENDANCE

SPONSOR: Prosecutors' Center for Excellence

ACTIVITY TITLE: PCE Pop-Up: Digital Evidence

DATE: May 9, 2024

LOCATION: Virtual Meeting

THIS PROGRAM OFFERS A TOTAL OF:

_____ Full Program: 2 hours of CLE Credit (not ethics), PENDING STATE APPROVAL. TO BE COMPLETED BY ATTORNEY

Please adhere to your state's requirements.

TO BE COMPLETED BY ATTORNEY (Please note: If you are required to report to more than one state, complete a form for each state.)

By signing below, I certify that I attended the activity described above and am entitled to claim _____ CLE credit hours of which ____ were in ethics.

ATTORNEY'S NAME *(please print)*

SIGNATURE

BAR MEMBERSHIP, REGISTRATION
OR SUPREME COURT NUMBER

DATE

STATE WHERE CREDITS ARE TO BE
REGISTERED

ACKNOWLEDGED BY:

Kristine Hamann

Kristine Hamann
Executive Director / Founder
Prosecutors' Center for Excellence
Phone: 917.885.9065

NOTE: PLEASE DO NOT RETURN THIS FORM TO PCE

Meeting Survey

The May 9, 2024 PCE Pop-Up, The Good, Bad and Ugly of Digital Evidence survey will be available at the end of the meeting. If you need proof of your survey for CLE credit please email PCE at contactpce@pceinc.org.

Survey Link:

[Survey](#)

Questions about Survey:

Marissa D'Amore– mdamore@pceinc.org

Kristine Hamann- Khamann@pceinc.org



Thank you for participating!