



**National Criminal
Justice Association**

NCJA Policy Session on: Forensic Science

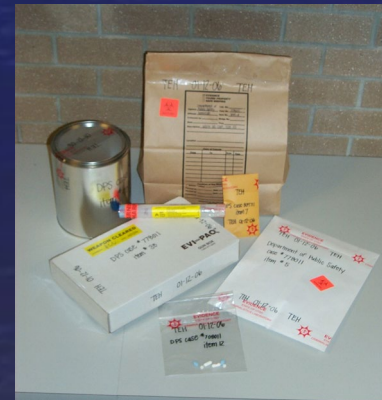
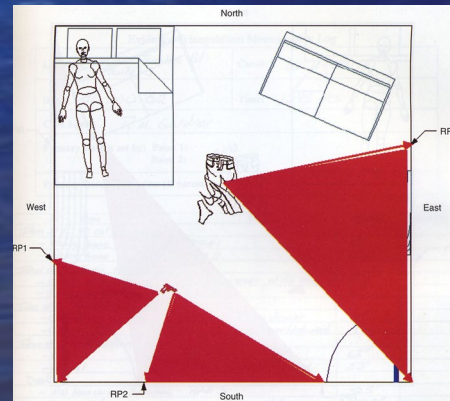
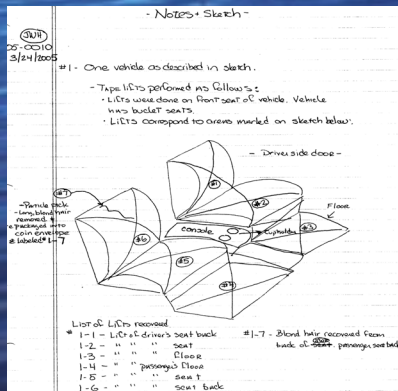
Matthew Gamette
Forensic Services Laboratory System Director
Idaho State Police

Jay Henry
Crime Laboratory System Director (retired)
Utah Department of Public Safety

The providers



- **Crime Scene Technical Units**
 - city/county/state/federal police agencies
 - specifically trained technicians
 - Purpose: process crime scenes/collect evidence
 - typically the starting point of criminal investigations



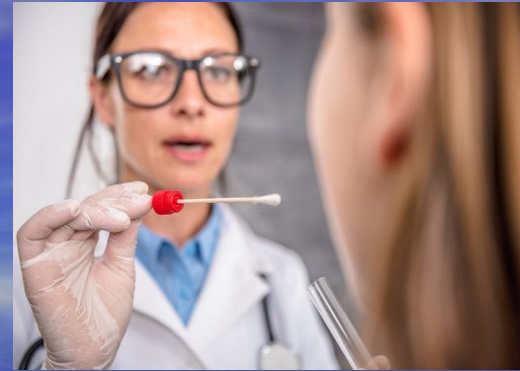
The providers



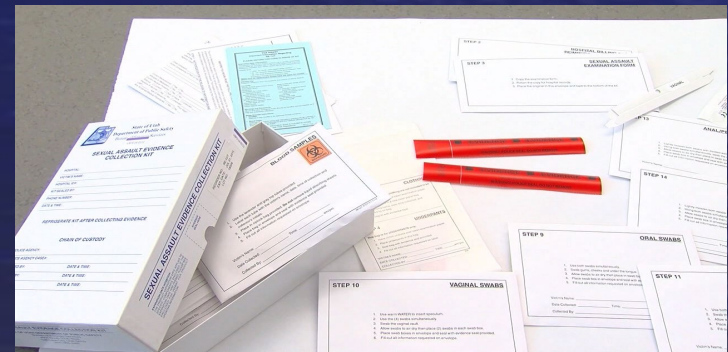
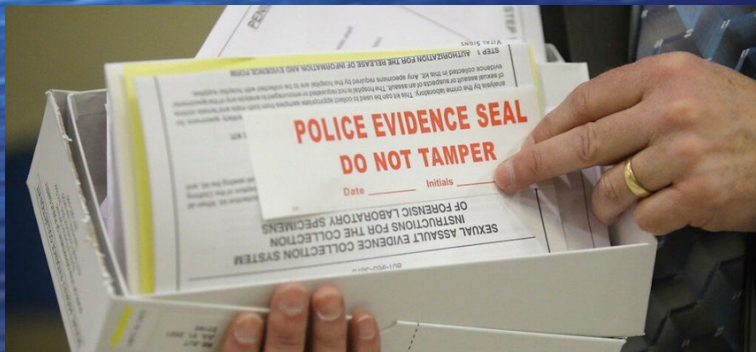
- **Medical Examiners**
 - varied jurisdictions
 - Purpose: determine cause (specific injury)/manner of death (eg. homicide) by examining deceased individual
 - collect evidence from body
 - forensic anthropologists, odontologists



The providers



- **SANE (Sexual Assault Nurse Examiners) nurses**
 - typically affiliated with a healthcare facility
 - Purpose: provide medical attention to victim/collect evidence for sexual assault kit
 - may also collect suspect kits
 - complexity of the kit--backlog is complex (swabs)
 - Rape kit tracking systems



The providers



- **Crime laboratories**
 - city/county/state/federal agencies
 - laboratory scientists
 - Purpose: test evidence, provide reports, testify in court
 - typically contain multiple disciplines as follows:

The providers



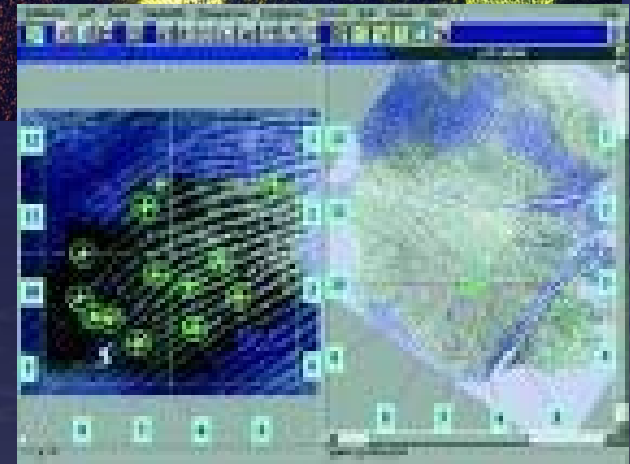
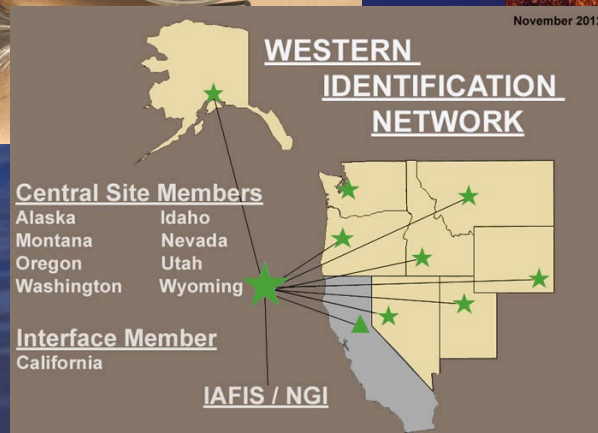
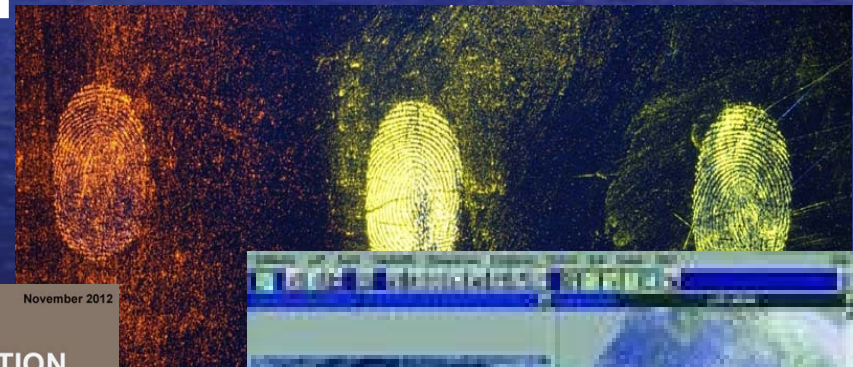
- **Crime laboratories**
 - **controlled substances identification**
 - **toxicology**



The providers



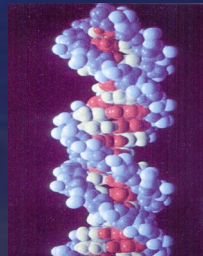
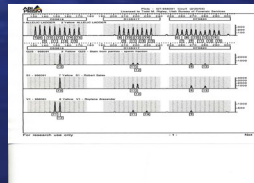
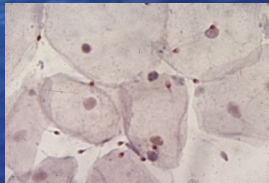
- **Crime laboratories**
 - latent print processing/comparison
 - **AFIS/ABIS/MBIS - Automated Fingerprint Identification System**



The providers



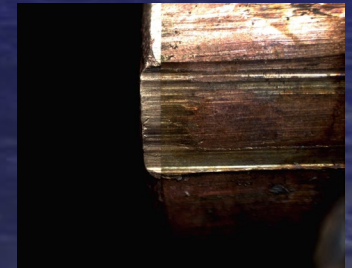
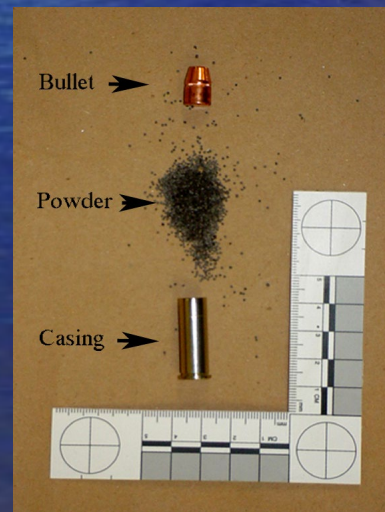
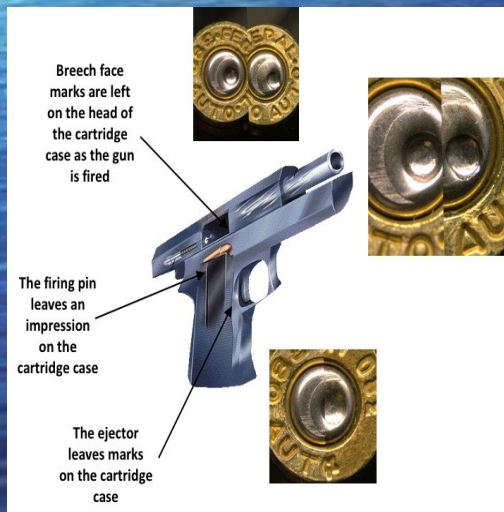
- **Crime laboratories**
 - DNA testing/screening
 - CODIS database - **Combined DNA Indexing System**
 - Each state has convicted offender DNA program
 - Misdemeanors and arrestee samples vary by state
 - **Indexes for crimes, offenders, missing persons**



The providers



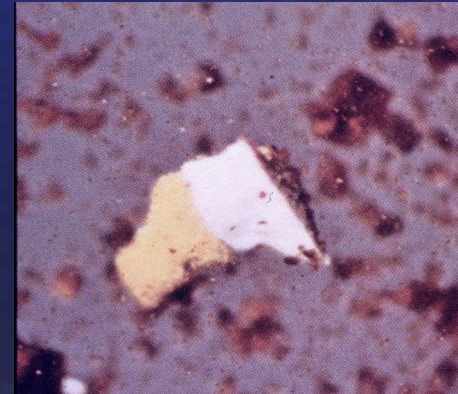
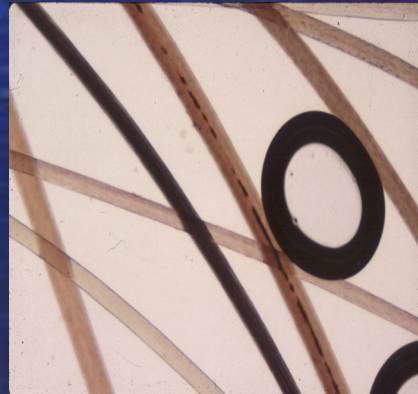
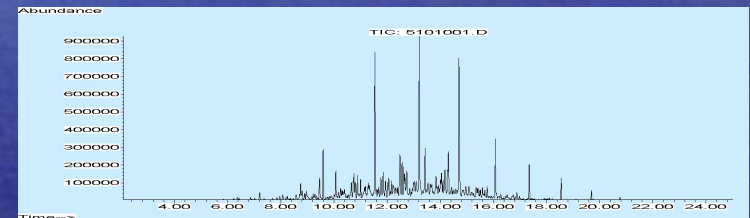
- **Crime laboratories**
 - Firearms/Toolmark Analysis
 - NIBIN database - National Integrated Ballistic Information Network
 - Becoming more of a collaboration between LE/lab
 - 3D imaging systems are expensive



The providers



- **Crime laboratories**
 - Trace Evidence
 - Fire debris analysis
 - Forensic document exam
 - Computer/Digital forensics (cell phones, tablets, computers, cloud data)
 - **Regional Computer Forensic Laboratory**



Welcome to the world of Forensic Science providers: Sex Assault

Crime Scene unit

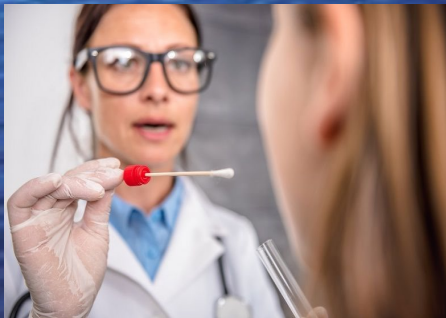


Welcome to the world of Forensic Science providers

Crime Scene unit



Living Victim



SANE nurse examiner

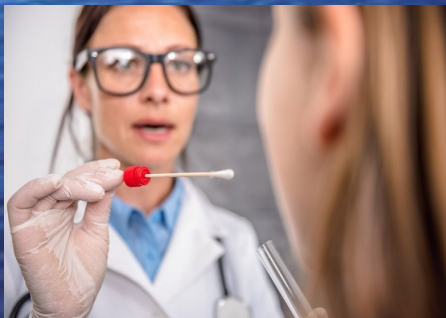
Law Enforcement

Welcome to the world of Forensic Science providers

Crime Scene unit

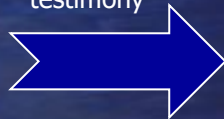


Living Victim



SANE nurse examiner

Sexual
Assault Kit,
testimony



Crime Laboratory

Welcome to the world of Forensic Science providers

Crime Scene unit



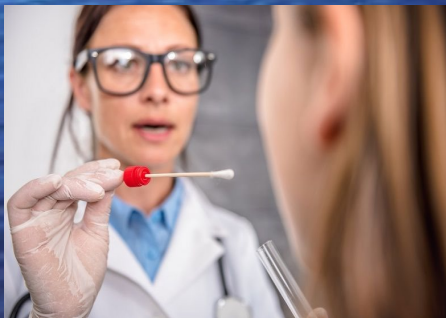
Prosecutor/Courts



Living Victim

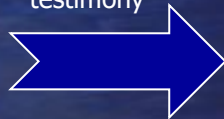


Criminal charges



SANE nurse examiner

Sexual Assault Kit, testimony



Crime Laboratory

Crime Lab Reports, testimony



Law Enforcement

Welcome to the world of Forensic Science providers: Homicide

Crime Scene unit

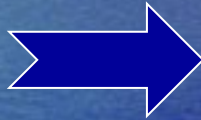


Welcome to the world of Forensic Science providers

Crime Scene unit



Deceased person



Medical Examiner



Swabs, casings, fingerprints, trace evidence



Evidence collected from body



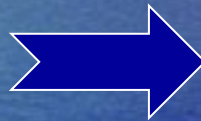
Crime Laboratory

Welcome to the world of Forensic Science providers

Crime Scene unit



Deceased person



Medical Examiner



Swabs, casings, fingerprints, trace evidence



Evidence collected from body



Prosecutor/Courts



ME Report, testimony



Criminal charges



SANE nurse examiner



Crime Lab Reports, testimony



Law Enforcement

Crime Laboratory

Welcome to the world of Forensic Science providers

Crime Scene unit



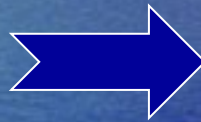
Medical Examiner



Prosecutor/Courts



Deceased person



Swabs, casings, fingerprints, trace evidence



Living Victim



Evidence collected from body



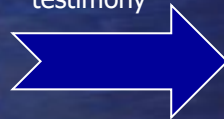
ME Report, testimony



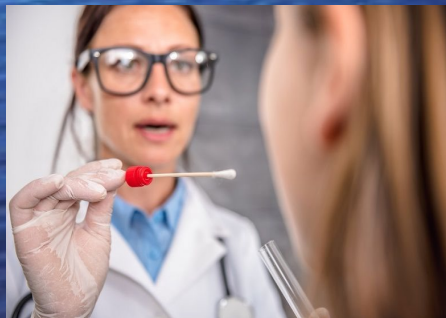
Criminal charges



Sexual Assault Kit, testimony



Crime Lab Reports, testimony



SANE nurse examiner

Crime Laboratory

Law Enforcement

Some Casework examples

Elementary school bomb?



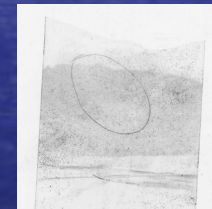
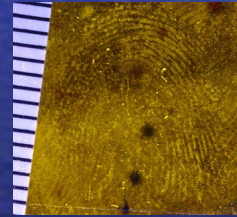
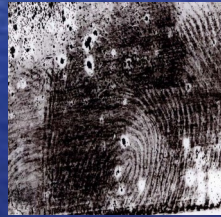
Writing on package stated "Bomb, Boom, touch sensitive" in black marker and the package was left in front of the school.

Some Casework examples



Processed for latent prints

- Developed fingerprint smudges and partial latent fingerprints



- Nothing comparable - Or AFIS Quality

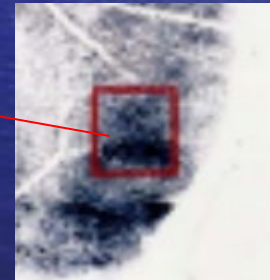


Some Casework examples



Processed for latent prints

- Palm print?
- AFIS system upgrade allows us to search palm prints



Some Casework examples

A year goes by...

Booking in County Jail on another case-

- Palm prints from individual added to database
- Hit to a suspect, charges filed.



The school's camera system showed two males in hoodies drop off the package. But their identities remained unknown until last month, when the State Crime Lab got a match on their Automated Fingerprint Identification System to prints submitted by police for analysis, charges state.

Some Casework examples

When Parris was contacted by police, he told them, according to charges, "Fine, I did it!"

The 17-year-old was charged in juvenile court with use of a hoax weapon of mass destruction, said Granite School District spokesman Ben Horsley on Friday.

"We just happened to be in front of the school, and we're like, 'Hey, this seems like a good idea to do,'" he told a member of the Utah Board of Pardons and Parole on Tuesday. "We didn't really think anyone would take it too seriously. Like I said, it was just us being stupid."

But not long after, as Parris was sitting in his house and heard a news helicopter fly overhead, and then turned on the TV to watch the chaotic scene he had created, he knew he had gone too far.

Man arrested in 2003 Walmart rape case

Monday, April 12, 2010

BOISE, Idaho (AP) -- A long-haul trucker from Florida and his adult son are being charged in the 2003 kidnapping and rape of an Idaho woman after DNA evidence linked them to the crime.

Hans Michael Holsopple, 46, of Deltona, Fla., was charged Thursday in 4th District Court with kidnapping and rape.

Warrants have been issued for the arrest of his 26-year-old son, Douglas James Steinemer, to face the same charges



Hans Michael Holsopple,
46

Steinemer, also of Deltona, Fla., is in a Florida jail because of a drug case and Idaho authorities say they will extradite him to Idaho after the drug case is resolved.

Deputy Prosecutor Jean Fisher told the Idaho Statesman they would get Steinemer back to face the charges as soon as possible. She said DNA was ``the huge break in this case."

Officials said the woman was kidnapped at knifepoint from the Walmart parking lot in Mountain Home, raped several times in a semi truck and dumped on the side of Interstate 84 about 13 miles from the Oregon border.

Idaho State Police Lt. Jack Catlin said a DNA sample taken from the woman was submitted to the FBI's national DNA database, which turned up Steinemer in January.

``We followed up on every lead," Catlin said. ``Without the (database) hit, we likely wouldn't have been ever able to make an arrest. That was a good day."

Prosecutors in Florida said Steinemer admitted to the crime and named his father as his accomplice.

Holsopple was arrested on Feb. 24 at a truck stop in Connecticut. He was booked into the Ada County Jail on Wednesday and is being held on \$1 million bail. He did not speak during an initial court appearance Thursday.

His next court appearance is set for April 22.

Florida man gets life in Idaho kidnapping, rape

Associated Press

Published 7:10 a.m. ET March 13, 2011

[View Comments](#)



A Florida long-haul trucker who pleaded guilty to kidnapping and raping an Idaho woman in 2003 has been sentenced to life in prison.

The two life-in-prison sentences were handed down Friday by 4th District Court Judge Timothy Hansen to Hans Holsopple, 47, of Deltona, Fla. He pleaded guilty to first-degree kidnapping and rape in October.

Prosecutors say Holsopple's son, Douglas James Steinemer, also participated in the kidnapping and rape. The 27-year-old man from Deltona, Fla., has pleaded not guilty, and his trial was set for July 5.

"There is no excuse for what my son and I did to you. I did not plan to hurt you or anyone else," said Holsopple at the sentencing hearing. "I am sorry. I do accept responsibility — not just for that night, but for everything else (the victim) and her family have been through. I am sorry for the pain and suffering I have caused. I have already asked the Lord for mercy."

Steinemer and Holsopple were prosecuted for the crimes. Holsopple pled guilt to first-degree kidnapping and rape in October 2010 and received two life-in-prison sentences for these crimes. Steinemer pled guilty and was sentenced to two 30 year sentences in prison, with a fixed 13 year sentence.

NATIONAL FORENSIC SCIENCE WEEK



Using CODIS for Justice in Idaho –

The crowning event in Idaho for National Forensic Science Week is an evening presentation for the community to emphasize the importance of forensic science in Idaho. This year we will focus on the use of the COmbined DNA Index System (CODIS) of the National DNA Index System to solve crimes in Idaho. Due to COVID-19, this year the presentation will be a hybrid of in-person and online. Join us for an interesting case study and learn about how Idaho is using CODIS to identify perpetrators of crime.

In 2003, a female was kidnapped from the Mountain Home Walmart. She was released in Payette County near the Oregon border after being raped for several hours in a semi-truck. ISP Detective Vickie Gooch investigated the case and ISP Forensic Scientist Rylene Nowlin worked on the forensic evidence. A DNA profile was developed for the perpetrator of this crime and put into the National DNA Index System that generated an investigative lead in January 2010 to Douglas J. Steinemer. Steinemer also implicated his father, Hans Holsopple, in the crime. The two were long-haul truckers from the state of Florida. Steinemer and Holsopple were prosecuted for the crimes. Holsopple pled guilty to first-degree kidnapping and rape in October 2010 and received two life-in-prison sentences for these crimes. Steinemer pled guilty and was sentenced to two 30 year sentences in prison, with a fixed 13 year sentence. This presentation will feature presentations from the investigator, forensic scientist, and prosecutor with comments from the brave survivor.



Detective Vickie Gooch
-ISP Detective



Rylene Nowlin
-Forensic DNA Analyst
-ISPFS Meridian Lab Manager



Jean Fisher
-Ada County Deputy Prosecutor
-Special Crimes Unit Chief Deputy
-Faces of Hope Victim Center
Chief of Operations

FORENSIC SCIENCE IS USED FOR:

Identification and Exonerations

Resource Challenges

- **Personnel (especially forensic pathology/firearms)**

In 2021 The National Institute of Justice and West Virginia University Project FORESIGHT provided data that there has been an increase in backlogs from 2013 to 2020 in **blood alcohol by 190%**, **crime scene investigation by 628.5%**, **fingerprints by 88.5%**, **toxicology by 110%**, and **firearms cases increased by as much as 166%**. However, funding has not increased to address these matters.

- **Facilities**

- **Training**

- **Equipment**

CFSO efforts

- **AAFS, ASCLD, IACME, IAI, NAME, SOFT/ABFT**
- **21,000 Forensic Science Practitioners**
 - **Scientists, doctors, nurses, lawyers, investigators, engineers, educators, researchers**
- **Pulls all the forensic science groups together**
- **Lobbies for funding (especially JFAA)**

Questions:

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Utah Department of Public Safety