



The Patent Print

The International Association for Identification
The Utah Division of the I.A.I.
Chartered 1989
Official Newsletter Publication:

The President's Message

Kent W. Timothy, President

Fillmore was a great little event. The sprint meeting of the Utah Division was held at the Territorial State House in Fillmore and was well attended. We had two fine classes presented by the Salt Lake County Sheriffs department that focused on scene diagramming.

The fall meeting will be located at Sandy City Police Department and will feature Agent Tim McKibben from the D.E.A. Special Testing Laboratory located in McLean Virginia. He will be discussing various aspects of clandestine drug labs and the collection of evidence and fingerprints from those labs. He will also address the safety issue regarding labs. This conference will be held on Wednesday October 20, beginning at 08:30. The presentation will be open to all members of the law enforcement community so we suggest you register early. Cost will be \$5 for division members and \$10 for nonmembers for pre-registration. Payment at the door will be \$10 and

\$15 respectively. Registration should be made through Debbie Parkin at Salt Lake County Sheriffs Office.

In addition to the class, it will be particularly important for division members to attend this conference and the following business meeting. At the business meeting we will be electing the next Vice President, and James May of Sandy P.D. will assume the position of Division President. There will also be other issues that will affect the division that need to be discussed with the membership.

One of those issues will be the 2002 International Conference. At the conference in Milwaukee this July, representatives from the Utah Division will be presenting a bid for the 2002 International Conference. In the event we are awarded the conference it will require the effort of all the members of the Utah division. It would represent an acknowledgment of the Utah Division as a vital and vibrant part of
(Continued on page 4 column 1)



President: **Kent Timothy**
Vice-president: **James May**
Secretary: **Bud DeRyke**
Treasurer: **Debbie Herrera-Parkin**
Historian: **Art Turkelson**
Patent Print Editor: **LaMar Burns**
Parliamentarian: **Trent Grandy**

Immediate Past President:

***Don Thurgood**

Jeff Itami

I.A.I. Board of Directors



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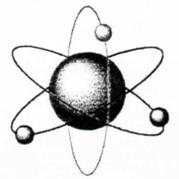
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Spring Edition

Volume X, Issue 2

June 1999



The Last Piece of Evidence

In February 1997 a robbery was committed at a video store by a man who brought an empty plastic covered video case to the register, then pulled a butcher type knife and threatened the store clerk. After removing all the money from the till the suspect left the store.

The Police Officer who initially responded requested the Crime Lab for photos and latent print processing of the cash register, the counter, and an entire rack of videos the suspect may have touched.

After processing all areas and items and having failed to find any latents, the Technician asked the Officer

if there were any other items or areas to be processed before he cleared the scene. Almost as an afterthought, the Officer pointed out the plastic covered video case on the counter titled "BOGUS" and said the suspect may have touched it. The Technician processed the video case with black magnetic powder and realized, as he began processing the last

On the very last corner of the very last side, of the very last piece of evidence, a partial latent print was found and lifted.

side, that he still hadn't found any comparable Latent prints. On the very last corner of the very last side, a partial latent print was found and lifted.

Only the left half of the print was visible including a delta and a blur that the Technician thought might be the core or close to it. The

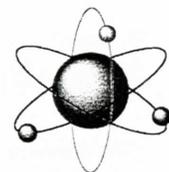
print was entered into AFIS as a right slant loop or a whorl, since neither could be determined. A hit of 2850 was obtained and the suspect identified.

The video tape of the robbery sent to the F.B.I. was unusable, so the latent print was the only evidence linking the suspect to the crime and the scene. The victim was able to identify the suspect from a photo lineup and charges were filed. ***Another one bites the dust.***

Richard C. Green
Salt Lake City Crime Lab



Don B. Thurgood



Remembered.

It was with much sadness that I report the passing of Don Thurgood on March 8, 1999. I first met Don in 1994 when I was appointed the Director of the Weber State University Crime Laboratory, in Ogden Utah. The lab was divided into two divisions; the Laboratory, and the Crime Scene Investigation (CSI) Unit. Because of Don's education and expertise, he was the only person who worked in both divisions. I was fortunate to be able to see him professionally as well as personally, and was always impressed with his upbeat attitude even during times of extreme stress.

Many hours were spent in talking with Don about everything from the latest scientific technique for detecting fingerprints to the best place to eat lunch on \$1.98. I never heard him speak a negative word about anyone during



those conversations, but rather a positive outlook and a way to improve.

When I left Weber State and accepted a position at the Salt Lake Police Crime Lab, Don began working for the Utah State Crime Laboratory; however he was assigned to continue to work at the Weber State facility. We continued our association and when I became President of Utah Division of I.A.I., Don was my Vice President. When Don became the President we discussed several of his goals for the future. He always wanted to bring I.A.I. training to outlying areas of the State and had a real concern for their training opportunities. "What can the Utah Division of I.A.I. do for its members?" was a common statement we discussed.

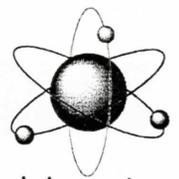
When Don learned of his illness he continued to work as

his strength would permit for the betterment of the organization. Although we frequently discussed his health, I never heard him complain, except for the fact he was disappointed the he was not physically able to do everything he felt should be done.

Our deepest condolences go out to his wife and family, I know how much he loved them. The members of Utah Division I.A.I. will miss Don! I will personally miss Don and our frequent conversations. However, I am grateful for the opportunity I had of knowing and associating with him for the past 5 years. Don will be missed!

George J. Throckmorton
Past President Utah Division
I.A.I.





("The President Message" from Page 1)

the international body and would be an incredible opportunity for all law enforcement in Utah. I would like to ask for volunteers who would be willing to serve on the organizing committee should we get the bid. I will be reporting in the fall Patent Print the status of the bid.

One last issue that I wanted to mention. Most of us are aware of the passing of Don Thurgood from the Weber State Lab. His humor, friendly nature and dedication will be sorely missed. George Throckmorton has graciously provided an article in tribute to Don. We can not hope to fill his shoes, we can hope to remember his light. []

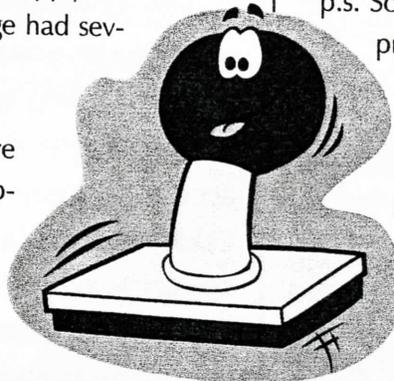


Be on the Look Out!

Kent W. Timothy
West Valley P.D.

This past spring we were brought an interesting case by George Throckmorton. A suspect had been video taped forging a check in a Salt Lake City Bank. When

he was identified, it was discovered that the inked impression on the check did not match his known prints though the clerk had seen him apply the print. George had several of these checks and couldn't figure out what happened. He brought the checks down to



West Valley where Scott and I looked at them. We immediately recognize the features of a stamped impression based on the nature of the ridge and edge detail of the print. Scott then produced a color and a position reversal of the print and submitted it to the Utah State AFIS-BCI. This resulted in an identification of an associate of the person who passed the check.

They had produced a cast of the finger and used it as a stamp. Moral to the story? When you

eliminate what ever is impossible, what ever remains, no matter how improbable, must be the truth.

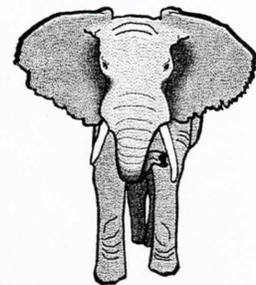
p.s. Scott and George will be producing an article in an upcoming I.A.I. International Journal. We just thought this was important enough we wanted to get the word out to the Utah members a.s.a.p.. []

Reminders from our President

* Distinguished Service Award nominations to me.

* Everyone send me an E-Mail to establish a list []

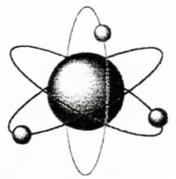
ktimothy@ci.west-valley.ut.us



From the The Bulletin Board:

****Crime Scene Academy.** This course will provide officers with extensive hands-on training in course work to develop credible skills in the area of crime scene processing as well as standardize statewide procedures.

*****Profiling.** The instruction will incorporate the application to the principles of Behavioral Assessment of Crime and the interpretation of associated personality characteristics of the offender. Interviewing/interigation techniques in profiles in such crimes of violence as, homicide and sexual assault. The course will be taught by Chief Greg Cooper of Provo P.D. Chief Cooper worked for several years in the FBI's prestigious National Center for the Analysis of Violent Crimes, Investigation Support Unit.



The International Association for Identification
The Utah Division of I.A.I.
Chartered 1989
Membership Application/Renewal Form

Membership # _____ Date Received _____ Amount Received _____

I make application for Membership in the Utah Division of I.A.I. in accordance with its Constitution and By Laws, and agrees to be bound therewith. I am submitting the following with this application:

1. Membership Dues (\$15.00) Annually () (\$200.00) Lifetime Membership ()

Name: _____ Title: _____

Department/Agency: _____

Office Address: _____ (City) _____ (State) _____ (Zip)

Residence Address: _____ (City) _____ (State) _____ (Zip)

Send Business Mail To: Office () Residence ()

Telephone: Office _____ Home _____

Forensic Disciplines: (list in order 1,2,3)

- | | | | |
|-------|--------------------------------|--------------|----------------------------|
| _____ | Latent Print Examiner | _____ | Forensic Art/Police Artist |
| _____ | Police Photographer | _____ | Polygraph Examiner |
| _____ | Crime Scene Specialist | _____ | Questioned Documents |
| _____ | Firearms & Tool Marks Examiner | _____ | Voice Identification |
| _____ | Forensic Studies Student | _____ | Crime Lab Specialist |
| _____ | Others _____ | (area) _____ | |

MEMBERSHIP APPLYING FOR:

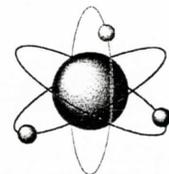
Professional Member: Consists of heads of bureau of identification or investigations, including persons under their supervision; persons engaged in the science of identification, crime lab analysis, crime scene investigators, heads of police departments or sheriff offices; employees of federal, state, county, or city governments; persons engaged in private investigation work or subdivisions thereof.

Associate Member: Consists of reputable persons who are wholly or partially engaged in any of the various disciplines of the science of identification, who are not qualified of Professional Membership, are hereby eligible to become Associate Members, subject to the same rules, fees, and charges, and are entitled to these same rights and privileges as Professional Members except they shall not be entitled to election of an office of Vice President of President.

Signature of Applicant: _____ Date: _____

Approved By: _____ Title: _____

As of 1997 please send application and payment to:
Debbi Parkin, Crime Scene Technician
Salt Lake County Sheriff's Office
Crime Scene Unit
437 South 200 East
Salt Lake City, UT 84111



Salt Lake County Sheriff's Office Upgrades A.F.I.S. SYSTEM

by:
Jeff Itami

The Salt Lake County Sheriff's Office will be receiving the AFIS21 system from the Western Identification Network (WIN) utilizing the NEC Technologies, Inc. upgrade to its current W.I.N.-A.F.I.S. system. The upgrade will modernize the Sheriff's Office current legacy Automated Fingerprint Identification System (AFIS) and make it Year 2000-compliant. It will also connect directly from the Jail Booking terminal via the AFIS21 Electronic Workstation (EWS) to Utah Bureau of Criminal identification Wide-Area Network (WAN) A.F.I.S. which will provide direct linkage to both the W.I.N. database in Sacramento, California and the F.B.I. Integrated A.F.I.S. (IAFIS) central source in Clarksburg, West Virginia. This will permit the Utah B.C.I.-A.F.I.S. to increase the number of the state's fingerprint cards That will be able to interface electronically with the

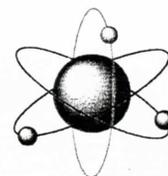
F.B.I.'s system as the Salt Lake County Sheriff's Office provides 40% of the total annual new arrestee fingerprint cards in Utah. Other county sheriff's departments and offices are examining entering into the W.I.N.-A.F.I.S. system, or into direct entry via live-scan fingerprinting in the Utah B.C.I.-A.F.I.S. W.A.N.. B.C.I. has committed to receiving inked fingerprint cards for those agencies who are unable to submit electronic fingerprints.

The current W.I.N.-A.F.I.S. system in one of the most advanced in the world, with a large database covering nine western states. The Salt Lake County Sheriff's Office is a charter member of W.I.N.-A.F.I.S. which is the largest interstate system outside of the F.B.I.'S I.A.F.I.S. The Salt Lake County Sheriff's Office has had live-scan fingerprinting on-line since 1994, which will be replaced with the new FW21 fingerprints workstation from N.E.C.. The FW21 workstation supports both remote tenprint and latent searching at a

faster, more accurate. Responses to local agency searches will occur in a matter of minutes. In the future, the F.B.I.'s III criminal history data will be from these same devices.

The Western Identification Network has a data base over 2,300,000 fingerprints with interconnections to California I.D.'s 22,300,000. Including Washington State B.C.I.. Alaska, and Texas provides the sheriff's office AFIS21 access to over 31,000,000 tenprint fingerprints within compatible NEC technologies systems. Utah was one of the first states to link together with other states to create the Western Identification Network and the Salt Lake County Sheriff's Office provided foundational support within the State of Utah by becoming a charter signatory.

The sheriff's Office was one of the first to link a live-scan fingerprinting booking station directly to Utah B.C.I.-A.F.I.S. Currently, it takes hours to enter an electronic fingerprint into the system, and to receive a response back from Utah B.C.I.-A.F.I.S.. This process will take place in minutes with the new AFIS21 upgrades coming on-line in June,



The Editor's Corner

by
LaMar Burns

I want to thank every one that helped me on the newsletter by sending me articles that I can use. It is YOUR newsletter not mine, I am only the organizer for your ideas and actions.

Continued from page 6. "Salt Lake County Sheriff Upgrades A.F.I.S."

1999. This will result in rapid indentifications of new booking arrestees in the Salt Lake County Jail. Searches by name will require only seconds after the first thumbprint is rolled on the NS21 system. An automatic ten-prints search will be launched by the booking section NS21, and a response should normally be returned within the time an inmate is being processed. There will be less likelihood of duplicate false identities being permitted into the jail inmate tracking system. The AFIS21 and the NS21 system will deter recidivist repeat offender from slipping through the cracks and being erroneously set free. []

I received a press release for Lightning Powder Company concerning their training seminars:

"April 5,1999

We are excited to announce that Forensic Identification Training Seminars, Ltd., (FITS) has been purchased by Pat and Bonnie Wertheim as of April 2, 1999. Pat has been the Director of Training of FITS, is currently the instructor of Advanced Ridgeology Comparison Techniques and has been the author of many articles appearing in *Minutiae* and the *Journal of Forensic Identification*.

The new address for FITS:
Forensic Identification Training Seminars, LLC
P.O. Box 4232
Salem, OR 97302

Their phone numbers are still (toll free) 888-235-1230 or 503-363-6962 but they have a new FAX number: 503-589-9990. You can also e-mail them at Wertheim@open.org.

Please note: *Lightning Powder Company, Inc. has not moved. Our mailing address remains 1230 Hoyt Street SE, Salem, OR 97302-2121. Our*

telephone numbers are still 503-585-9900 and 800-852-0300 and our FAX numbers AR 503-588-03-98 and 800-588-03-99.

Best regards,

Kathleen Saviers, CLPE, SCSCA
President"

A Reminder from our Treasurer, Debbie, that your dues for 1999 are past due and the year of your last payment is indicated at the bottom of your address label. If you have three stars next to the year this will be your last year that the newsletter will be sent to you. Please send in your renewal form so we can continue to provide you with vital information.

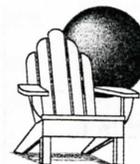
* * *

I had several people ask me what address to send the renewal forms to. Well I did forget to put that in the last issue, so send them to our Treasurer **Debbie H-Parkin** at:

Salt Lake Co. Sheriff
437 South 200 East, Crime Lab
Salt Lake City, Utah 84111

* * * *

Lets not get caught sitting down, I need another article similar to Richard Green's article for the Fall issue of the Patent Print.





The Bulletin Board

- ☎ **Footwear & Tire Tread Evidence & Recovery Techniques:** **\$295.00**
 September 14-16, 1999 Salt Lake City, Utah William J. Bodziak

 - ☎ **Footwear Examination Course:** **\$585.00**
 November 1-5, 1999 Gresham (Portland) OR. William J. Bodziak

 - ☎ **Managing Law Enforcement Property & Evidence Systems:** **\$295.00**
 September 14-15, 1999 Gresham (Portland) OR. Izzy Flores

 - ☎ **Crime Scene Academy:****
 August 23-September 3, 1999 Utah P.O.S.T. 8-5 Daily

 - ☎ **Profiling:*****
 November 22-23, 1999 Utah P.O.S.T. 8-5 Daily
- (**,***See page 4)



The International Association for Identification
Utah Division of I.A.I.
 Chartered 1989



West Valley City Police Department
 Forensic Services Unit
 3600 South Constitution Blvd.
 West Valley City, Utah 84119



TERKELSON, Art
 No. Utah Crime Lab
 1250 University Circle
 Ogden, UT 84408-1250
 #88-14 1997***

