

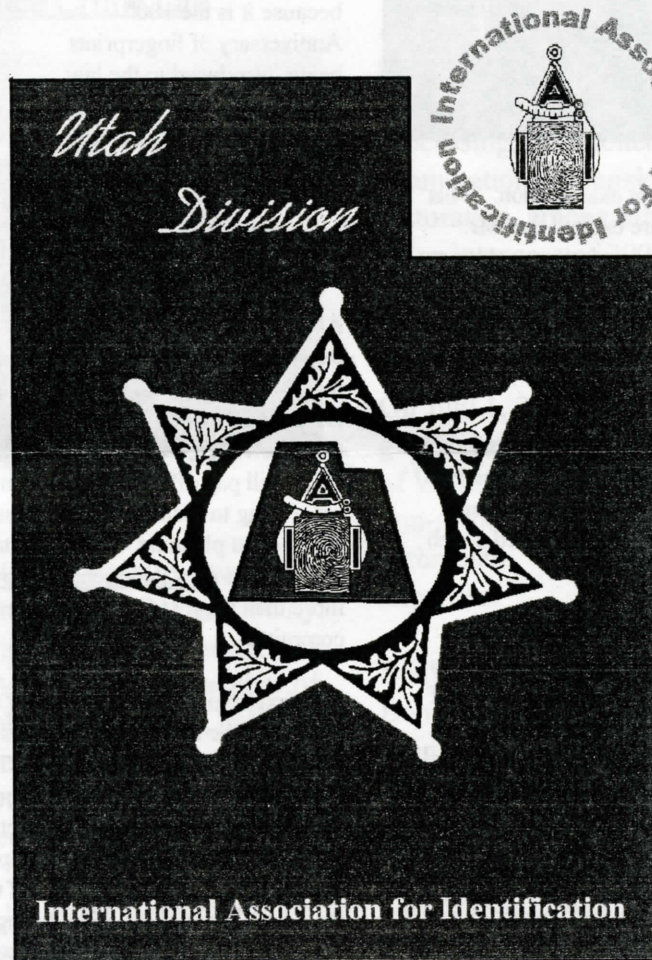
# THE "PATENT PRINT"

The Official Publication of the Utah Division of the International Association for Identification  
Chartered 1989

Summer Edition

Volume XIV Issue III

September 2003



## 2003 Board Members

Jason Cole	Gary Johansen	Holly Plotnick	Cresdeen Roller	Charlotte Bowerbank
President	Vice President	Secretary	Treasurer	Regional Representative

James May	Dale Scow	Tonya Lockwood	John Huber	Trent Grandy
Newsletter Editor	Parliamentarian	Historian	Legal Representative	Past President

## The President's Message

Greetings fellow Utah Division of IAI members. The summer months have come and gone, and it is now time to start preparing for our annual fall training. We have met as a Board of Directors and discussed the training, and we are please to have Jon Stimac, a Latent Print Examiner for the Oregon State Police, instructing us. Mr. Stimac will be teaching about fingerprinting and basic fingerprint examination. This will be a great training, and we are excited that Mr. Stimac has accepted to come and instruct us. Also at the fall training, we will be holding our annual elections. If you are interested in holding a position on the Board of Directors, please contact your Vice President, Gary Johansen.



I have really enjoyed this past year, and the opportunity I have had serving you as your President. It has been great to see the growth in the division. We have had several new members join us. We also acquired a web site, which is now up and running,

<http://www.utahiai.org>

The web site has the current board of directors, and e-mail addresses for them. This is an easy way for you as members of the Utah Division to contact your board of directors with any questions and concerns you might have. Also on the web site is the new Constitution and By-Laws for the Utah Division. These are the documents the membership voted on at the past two Utah Division trainings.

I would like to thank each of you for the wonderful year that we have had as a division. It has been a challenging year with the passing of two of our members, but it has also been a great year with the training opportunities we have had, and for the new members who have joined us.

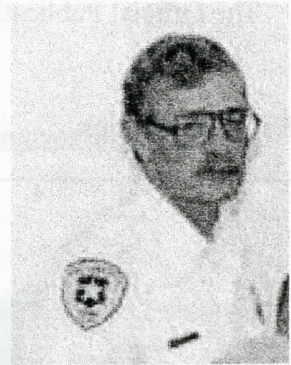
Lastly I would like to thank each of the members of the Board of Directors. It has been fun working with each of you, and I truly appreciate the time and energy you have put forth to on behalf of the Utah Division.

I look forward to seeing all of you at our fall training.

Jason Cole- President

## Vice-President's Message

Hi from the almost in the Oval Office. Yes, in just over a month I will be assuming my duties as the President of the Utah Division, I.A.I. This comes at an exciting time in the forensic science field, because it is the 100<sup>th</sup> Anniversary of fingerprints being introduced to the law enforcement community at the 1904 World's Fair in St. Louis, MO. I encourage all of you to make plans to attend the momentous celebration in St. Louis at the 89<sup>th</sup> International Educational Conference on August 22-26, 2004.



Along those same lines, as I assume my duties, I am taking requests for volunteers to assist me in putting together a gala event of our own during the Utah Division 2004 Fall Conference, tentatively set for October 12-14, 2004. I can assure you that your tedious work will pay off. I will need committee personnel who are willing to assume responsibility, meet regularly, and are good at planning. Please contact me at 799-3133 or email me at [gary.johansen@slcgov.com](mailto:gary.johansen@slcgov.com) and I will be more than happy to welcome you to the planning committee.

The first item on my agenda after assuming presidential duties will be to appoint members to my Cabinet – I mean to the Board of Directors. The positions I am required to fill are: Regional Representative; Sergeant-at Arms/Parliamentarian; Newsletter Editor; Legal Representative; and Historian. I plan to have the appointments made by the end of October with our first Board of Directors meeting during the week of November 10, 2003. So, if you would like to serve in one of these positions or would like to nominate a “shy” member to fulfill one of the positions, please let me know soon. You do not have to wait until after our Fall 2003 conference.

I hope to see all of you at our Fall conference and encourage each of you to bring a prospective member.

Gary Johansen-Vice President

## Highlights

We are going to be highlighting our Crime Scene Units/Forensic Units from around the state in upcoming issues. If you would like to see your Department represented in an upcoming issue, please forward a picture and a paragraph about the group to our Newsletter Editor.

### Salt Lake City Police Crime Lab



The first city in the State of Utah to have an organized crime laboratory was Salt Lake City. But, even before the institution of a formalized laboratory, "Sarge" A.H. Rogers, a member of the Salt Lake City Police Department, collected in excess of 80,000 sets of fingerprints. This feat earned him a spot in Ripley's Believe It Or Not. He accomplished this from 1911 to 1937.

From its inception in the early 1950's until the early 1990's, the laboratory was manned by sworn officers. In 1993, a transformation from sworn officers to non-sworn officers began taking place, and in 1995, with the hiring of our current Manager, Mr. George Throckmorton, the transformation was completed.

Currently the laboratory has a Manager, two Supervisors, and ten Technicians. The

technicians respond to various types of scenes at the request of the police officers. They process the scenes for latent prints and document the scenes through the use of photography, sketches and extensive reports. On occasion, they also identify, collect, and preserve physical evidence.

Statistically, in a year, the laboratory's ten Technicians respond to an average of about 10,000 field calls, enter a little over 1,000 AFIS entries on latent prints, and complete about 2,000 in-house requests from Detectives for fingerprint comparison, evidence processing, questioned documents examinations, forensic artwork, serial number restoration, among others. The laboratory takes in excess of 200,000 photographs per year and collects latent prints from more than 2,000 crime scenes.

On July 1, 2002, the Crime Lab suffered a great loss in the untimely death, while on duty, of William "Bill" Cawley, the first full time non-sworn officer hired as a crime lab technician. We truly miss his presence and expertise.

**Seated (left to right):** Steve Mayfield, Bonnie Stewart, George Throckmorton-Manager, Julene Lundsberg, and Rick Green.

**Standing (left to right):** Gary Johansen-Supervisor, Melanie Schertz, Jennifer Smith, Dan Weaver, Matt Throckmorton, Scott Scriven, Karen Kido, and Jeff Moline-Supervisor.

### TREASURER'S CORNER

#### **DUES ARE DUE!!!!**

Please start to send in your 2004 dues. Any member not paid by March 2004 will be dropped from the membership roster.

## LATENT/PATENT PRINT

James May, Forensic Investigator,  
West Valley City Police Forensic Services Unit

On August 2, 2000 a forged bank check was submitted into the West Valley City Police Department Forensic Unit to be examined for possible latent prints (figure 1). In addition, the check bore a single inked fingerprint, left by the suspect on the face of the forged check. In Utah, most banks require an individual cashing a check to leave an inked impression of their right index finger on the front face of the check to be cashed. The quality of this inked impression varies from an easily identifiable fingerprint to an illegible smudge, solely dependant upon the patience of the teller and client's cooperation.

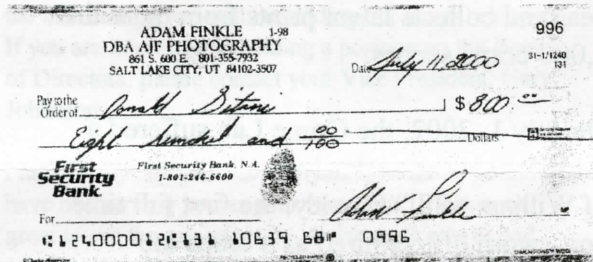


figure 1

I initiated the analysis by examining the inked impression located on the face of the check in question. The inked fingerprint impression on this check was identifiable, and resembled a lower count loop, primarily recording the upper tip area of the client's finger (figure 2). The inked impression on the check was compared to the inked fingerprints for the possible suspect. No identifications were effected between the inked print and the suspect's inked fingerprints.

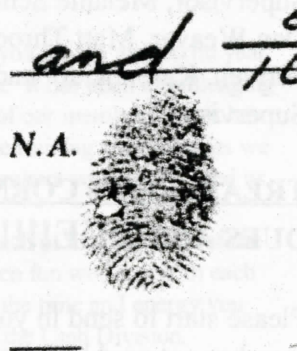


figure 2

The original inked fingerprint was photographed with a Nikon 6006 camera using a 60mm macro lens for close-up detail. The check was then processed with Ninhydrin in Pentane in an attempt to develop latent prints. In addition to developing partial latent prints throughout the surface of the check, an unusual reaction occurred. The area directly below the inked impression developed a latent print continuation of the same finger. The latent print completed the partial inked print, and both prints collectively made the impression easily identifiable (figure 3).

The newly formed and completed fingerprint impression was again compared to the suspect's inked fingerprints with negative results. The



figure 3

check was submitted into our State's AFIS database which includes all States connected through the Western Identification Network. Thus far no suspects have been identified as to the originators of the fingerprint impression.

This analysis represents the possibilities of proper analysis and procedures in both the processing and documentation of latent print evidence. Through the enhancement of chemical processing, a partial inked impression resulted as a full impression.

Previously published and printed in the Journal of Forensic Identification (September/October 2001 issue)

# The Bulletin Board

Please check your Division web-site [www.utahiai.org](http://www.utahiai.org)

## Utah Crime Scene Investigators Meeting

October 16, 2003 - - - American Fork, Utah

Fee - - - No Charge      Time - - - 1000 to 1200

Any questions, call your Utah Division President or [www.utahcrimesceneinvestigators.com](http://www.utahcrimesceneinvestigators.com)

## Utah Division of I.A.I. Fall Education Conference

October 22, 2003 - - - Salt Lake County, Utah

Location - - - Salt Lake County Sheriff's Office (875 W. 3300 S.)

Fee - - - Members \$15.00 / Non-members \$25.00

Any questions, go to [www.theiai.org](http://www.theiai.org)

## Utah Crime Scene Investigators Meeting

November 20, 2003 - - - Sandy, Utah

Fee - - - No Charge      Time - - - 1000 to 1200

Any questions, call your Utah Division President or [www.utahcrimesceneinvestigators.com](http://www.utahcrimesceneinvestigators.com)

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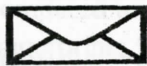
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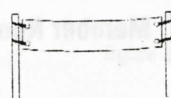
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