

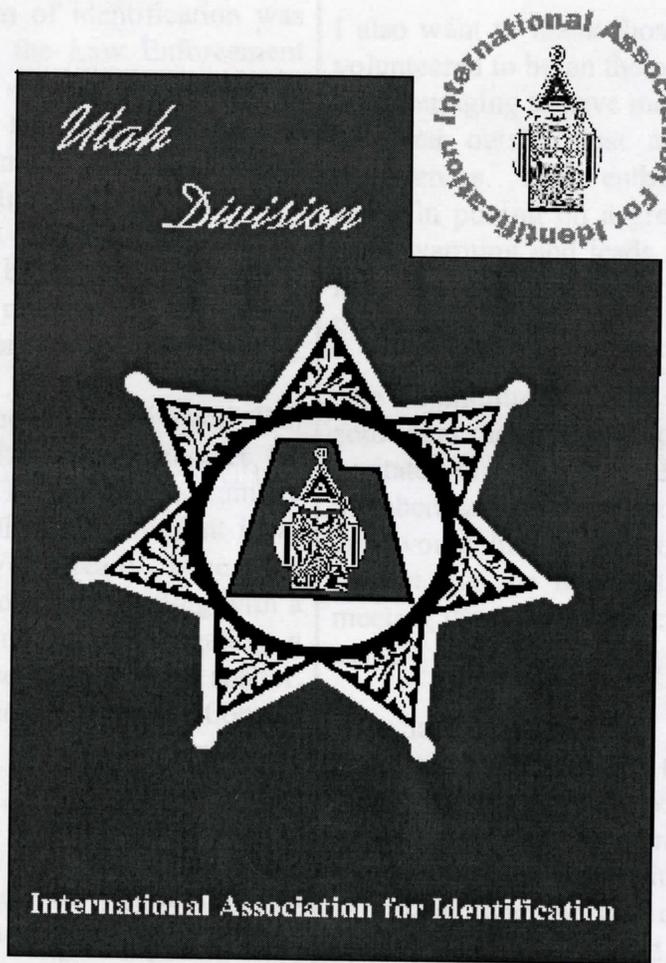
THE "PATENT PRINT"

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2004 Board Members

Gary Johansen President	Paul Rimmasch Vice President	Holly Plotnick Secretary	Cresdeen Roller Treasurer	Charlotte Bowerbank Regional Representative
Bonnie Stewart Newsletter Editor	James May Parliamentarian	Barbara Crane Historian	John Huber Legal Representative	Jason Cole Past President

President's Message

It is with great pleasure and excitement that I serve as your President of the Utah Division I.A.I. I thank our Past President, Jason Cole, and the other Board of Directors members for their past service.

This is a great year to be a member of the International Association for Identification. In 1904, at the St. Louis World's Fair, fingerprinting as a mean of identification was officially introduced to the Law Enforcement community, thus we are in the midst of celebrating 100 years for fingerprinting. I encourage all of you to make plans to celebrate by attending the 89th International Education Conference on August 22-26, 2004, at St. Louis, MO. This also brings to mind, that if you are not already a member of our parent organization, I strongly encourage you to join.

In this same light, The Utah Division Fall Educational Conference is tentatively set for October 12-14, 2004. The planning committee has been coming up with some excellent ideas for presentations. We already have two confirmed training sessions; one dealing with a Homeland Security issue on investigating a bombing scene and the second on blood spatter. Look for more information in future editions of the Patent Print.

The planning committee is also working on our Spring Conference. It will probably be a 2-day event with a theme of "Training to Certification." The instructors will be IAI Certified forensic examiners from a least four of the forensic disciplines. If you have been wondering about becoming IAI certified, here is your opportunity to get the necessary training information and the latest requirements. The Spring Conference is tentatively set for April 21-22, 2004, at a site to be determined. Plan to attend all three events. It will be professionally worth your while.

I want to take this opportunity to welcome the new Board of Directors and know that they will do a magnificent job in furthering the goals of the Utah Division. Challenges will be presented, but I know they can all meet the task. I encourage all of you to contact and speak with your elected and appointed board members, who are listed elsewhere in this publication. Give them your ideas on what the Division can do for you and to make this an exciting and informational organization to all members.

I also want to thank those members who have volunteered to be on the planning committee. It is encouraging to have members who want to be involved outside just attending the planned conferences. Their enthusiasm for wanting to assist in putting on a great conference is very heart-warming and leads me to believe we can have not only one, but two great conferences this year.

The committee could always use some additional thoughts and ideas, so please do not hesitate to contact one of the committee members and let them know what you think. If you would like to join the committee, please contact me for the next planning committee meeting date. We welcome anyone wanting to assist.

As a last thought, I feel that our membership has been on downward trend over the recent years. When you talk with someone you feel meets the criteria for membership, ask them to join and provide them with an application form or advise them of our conference dates and invite them to attend. Let's see our organization grow by leaps and bounds this year.

Best wishes to all of you in this new year. I hope to meet each and every one of our members at our conferences.

Gary Johansen

Your 2004 Board Members:

Gary Johansen-President

I started my law enforcement career in Kearney, NE, some 32 years ago as a police officer. In 1974, I joined the U.S. Army and served as a correctional specialist and became a U.S. Army Criminal Investigator (detective) from 1976 through 1991. After teaching criminal justice courses and managing a rifle range at Rogers State College, Claremore, OK, for three years, I was fortunate to land a position with Salt Lake City Crime Lab in late 1996, and was promoted to the position of Supervisor in 1999. I have a Bachelor's degree in Education from the University of Nebraska-Kearney and a Master of Public Administration specializing in Criminal Justice from Jacksonville State University, AL.

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Paul Rimmasch-Vice President

I was born in SLC and grew up in Sandy, Utah. I attended Hillcrest High School and then the University of Utah for two years and then transferred to Weber State University to attend their Forensic Science Program. In 1997, I graduated cum laude with a minor in photography. I was hired shortly after by Weber-metro CSI and have been with that fine organization ever since.

I have been involved in teaching in one way or another for several years. I am a regular instructor at the Weber State Police Academy and in May 2003 taught a week long class in Basic Crime Scene Photography.

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Holly Plotnick-Secretary

Holly graduated from Weber State University in 1998 and was hired by West Valley City's

Forensic Services Unit in 2000. She is a member of the International Association for Identification and has been a member of the Utah Division of the IAI since 2000. She served as the Secretary for the Utah Division in 2003.

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Deborah Herrera-Parkin-Treasurer

Deborah graduated from Weber State in 1993 with a Bachelors of Science in Criminal Justice and a minor in Chemistry. She began working at the Salt Lake County Sheriff's Office in September of 1993. Deborah is currently the AFIS trainer, Corrections and Deputy Trainer, and a POST certified instructor. She has completed the American Institute of Applied Science course and attended various classes including Pat Werheim's Advanced Ridgeology training, the Utah Crime Scene Academy, and most recently, the Police Photography course at the FBI Academy. She believes that this type of work is forever evolving and that to be "good" at it you must always be willing to learn. Her motto is "No one person can know everything, so never be afraid to ask for help". She is planning on testing for her Latent Print Examiner's Certification this year. She became a member of the Utah Division of the IAI while she was still attending Weber State. She served as Secretary for the Utah Division from 1993-1998. She is also a member of the parent body of the IAI.

Deborah is a wife and mother of two very active boys. She enjoys volunteering at the boys' schools. She is the room parent for both kids' classes. Her current guilty pleasure is reading Patricia Cornwell books.

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Bonnie Stewart-Newsletter Editor

I graduated from Weber State University in 1999 with a Bachelors of Science in Criminal Justice and was hired by Salt Lake City Police Department as a Crime Lab Technician in April of 2000. In addition to processing crime scenes, I am a latent print examiner and am training with George Throckmorton in Questioned Documents. I have been a member of the Utah Division of the IAI since 2000 and am looking forward to this new position as newsletter editor. I am always looking for articles for the newsletter and challenge each of you to write one for the Patent Print during this year.

bonnie.stewart@slcgov.com

James May-Parliamentarian

James was a police officer with Sandy City from 1993 through 2000. In July 2000, he was hired by West Valley City's Forensic Services Unit as a crime scene investigator. He has been a member of the International Association for Identification since August 2000 and a member of the Utah Division of the IAI since 1995. James has served in various positions with the Utah Division including the former President, Vice President, secretary, and Newsletter Editor.

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Barbara Crane-Historian

I have worked for the Bureau of Criminal Identification for 27 years. Twenty three of those years as a fingerprint technician. I work in AFIS (Automated Fingerprint Identification Section) and process criminal and applicant fingerprint cards through the Western Identification Network (WIN) which covers seven states. I also travel around the state taking fingerprints when requested and teach classes on how to take fingerprints. I was the Treasurer and the Representative for the IAI in the 1980s. I am looking forward to my new position as Historian.

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Charlotte Bowerbank-Regional Rep. to the I.A.I.

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Jason Cole-Past President

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John Huber-Legal Representative

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Congratulations

Congratulations to both of the following individuals who were recently certified by the IAI Latent Print Certification Board.

Karen Elliot-Utah Bureau of Forensic Services

and

Karen Kido -Salt Lake City Crime Lab

Special Thanks

Thanks to Cresdeen Roller for all the hard work she put in as Treasurer for the Utah Division. She did a great job getting all the files in order and will be missed. Cresdeen is moving to Seattle with her husband and we wish her the best of luck in her future endeavors.

Welcome

The Utah Division would like to extend a warm welcome to Mr. Jim Lee into our Forensic Community. Jim is the new Director of the West Valley City Forensic Services Unit. His expertise and experience will be an added plus to the forensic community.

Are You Prepared

By Gary Johansen

As many of you may have heard, more and more challenges are being made in court by Defense Counsels on latent fingerprint identification. For an identification to occur, a four-step process is mandated out of necessity. That process is called ACE-V (Analysis, Comparison, Evaluation, Verification).

The first part of the process is one of the most critical and involves all who respond to the scene, develop latent prints, lift and preserve latent prints, and record their actions. This analysis continues by the latent print analyst who must know where the print was deposited, how it was developed and with what type of medium in order to do a proper comparison and evaluation of that latent print. It is also incumbent upon you, as the responding technician, to not only record these facts in your timely reports, but also on the latent print lift cards, so that you may refer to them when called upon to testify as the first witness in the chain of custody evidence hearing. Yes, all latent prints you lift at a scene are evidence. As you well know, court may not convene until several months after the occurrence of the criminal act and sometimes years.

It is not that Defense attorneys are getting any smarter; it is just that they are becoming more dangerous, due to the fact that they read a little information to arm them, and then ask a few pointed questions to place that small amount of doubt in the minds of the jury. Remember, Prosecutors are no more intelligent. They do not know enough about what we do to protect us on the stand during re-direct. In other words, you are on your own, so be prepared.

Preparation is the key. Many have stated that it is "Quality not Quantity." To attain that quality, you must analyze the situation, formulate the

proper scene examination protocol, utilize the correct instrumentation, preserve evidential integrity, and above all, provide accurate and complete documentation. All protocol in the latent fingerprint science requires that you: 1) photograph the scene; 2) search for latent prints; 3) process for latent prints; 4) photograph developed latent prints; 5) collect latent prints; 6) preserve latent prints; 7) document all activity. The Salt Lake City Police Crime Lab established a system of quality control procedures for latent prints, I have noted more than less, the incomplete and inaccurate recording of information on the backs of the latent print lift cards. Many times I go to the reports and find the information, although it may be accurate, is often times incomplete or just not there. A recent review of a report and lift cards on an AFIS hit and identification raised the question, "Were photographs taken of the items from which the prints were lifted?" The answer was an obvious "no!" That evidence could easily be discredited in court because it was not documented and was disposed of, thus making the prints useless, no matter that the identification was made. Results – case lost on 'our' sloppy handling of the evidence at the scene. Another case report reflects the technician developed and lifted 'one' latent print from the numerous items processed. The report was good in the fact that it mentioned what items were processed and from where on the item the latent print was lifted. Unfortunately, the back of the latent lift card reflected the latent print was lifted from a different item. I would like to hear the technician defend that one in court.

The above are only two examples of the inattentiveness to detail that I see on a daily basis. There is no excuse anyone can come up with that I will buy into for this type of slip-shod work. Rest assured that if your work product does not meet the standards, it will someday be questioned to discredit your evidence. You can only hope that "someday" comes before you have to defend it and your integrity in a court of law.

YOU MIGHT BE.....IF

It has been my experience that latent print examiners are a very interesting, but somewhat weird collection of individuals. Being a little weird should be taken as a compliment of course. With that in mind I think that all of us, at sometime or another have thought of or done something that others can appreciate. In the vein of Jeff Foxworthy's "you might be a red neck" here is a collection of thoughts indicating "you might be a latent print examiner." Enjoy.

I would like to thank Shaheen Aumeer, Angela Berry, Floyd Bowen, Lloyd Paul Brannon, Dennis Degler, David Fairhurst, Ray Garrison, Glenn, Mindy Johnson, Tom Krull, Stephany Louk-Denney, Charles Parker, Bill Schade, Terry Smith, Hans Teer, and Kasey Wertheim for their contributions to this article.

IF... when you hear someone refer to a fingerprint pattern as a "swirl" you grit your teeth and explain to them that swirls are in ice cream, NOT fingerprints...you might be a latent print examiner.

IF... you inspect the bowls of Jell-O at the buffet to get the slice with no fingerprint on top...you might be a latent print examiner.

IF... you're more interested in what's on the outside of the beer glass instead of the contents...

IF... after eating at a nice restaurant, you wipe down the glass you were drinking from...

IF... you hear the name Charles Darwin and immediately think "Cousin of Sir Francis Galton" rather than "Father of the Theory of Evolution..."

IF... you offer your teenage daughter's new 19-year old boyfriend a coke when he comes to pick her up, and by the time they return from their first date, you have his entire criminal history off AFIS...

IF... you check your teenage daughter for fingerprints after every date...

IF... on your first date you muster up the courage to take her hand gently in yours, tenderly rotate it palmar side up, and gaze down at her beautiful friction ridge skin...

IF... when your child says he didn't touch it and you've taken his prints and compared them to the prints left on the window you just cleaned...

IF... you take the time to figure out which puppy made the muddy prints on the couch (just to confirm the guilty look she gives you)...

IF... you know the "Crimewatch" fingerprint is upside down... (for the UK readers, Crimewatch is a UK TV program.)

IF... you noticed the fingerprint on the front of the IAI St. Louis conference flyer is upside down...

IF... you tend to handle most items, (doorknobs, money, documents etc.) with the inside surface of your fingers, even when you are away from the office...

IF... you can't seem to walk past a fingerprint card without picking it up to examine it...

IF... you see aliens, horses, snakes, smiley faces, a Cyclops, (or who knows what else) in fingerprints...

IF... every aspect of your life is a quality or quantity issue...

IF... you bring home your new kitten and decide to name it "Daubert"...

IF... you look at your coffee table with oblique lighting before you "wax it with Pledge"...

IF...you have an excess stash of superglue in your refrigerator. ..

IF... you have ten-print images over your desk, instead of a pin-up girlie (or beefcake for the ladies) calendar...

IF... you have noticed that the print on top of the Dinty Moore Beef Stew can is a double loop whorl with virtually no Galton details...

IF... when you go to the zoo you tend to notice the bifurcations and ridge endings in the zebra stripes more than the zebra...

IF... you have a picture of the standard fingerprint patterns hanging on the wall of your home, and you call it "art"...

IF... you have ever examined your feet to see if the patterns on your toes are different than the patterns on your fingers...

IF... you find yourself having to stop so you can examine the prints on glass doors to banks, convenience stores, office buildings, etc...

IF... you find yourself examining patent prints on the elevator door instead of pretending to read the inspection certification...

IF... you examine and criticize the level of detail on your newborn child's footprints on the hospital records, then you want to do it right! ...

IF... you just had a baby and you think because the baby has loops instead of whorls it takes more after you...

IF... you have compared the pattern types of your children with you, your spouse, your parents, your in-laws, grandparents, etc. etc...

IF... when you see a print on a TV cop show you are compelled to point out the pattern type, which finger it probably came from, to the person you are with (who usually doesn't care)...

IF... you try to find a pattern in the sand ridges of a desert...

And my personal favorite, a special thanks to David Fairhurst.

IF... you know the McKie identification is WRONG!!! you might be a latent print examiner.

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(Reprinted from "The Prairie Whorlwind," V 27 (4), Dec, 2003

UTAH DIVISION I.A.I. SPRING TRAINING CONFERENCE

TOPIC: TRAINING TO CERTIFICATION

DATES: APRIL 21 & 22, 2004

SITE: TO BE ANNOUNCED

TIDBITS AND THINGS

FBI VIRTUAL ACADEMY

In January, 2002, the FBI National Academy at Quantico, VA, began a new method of allowing police personnel to register for courses offered by the FBI. The new system is called the Virtual Academy. They have done away with the old quota system. You no longer have to fill out the application form and send it to the FBI Regional Office and then "hold your breath" hoping you will get selected. The process is very simple in that you do everything on your computer. If your department or crime lab has not registered yet, you can simply go to their site and fill out the registration form. The address is: <https://fbiva.fbiacademy.edu/> . When the homepage comes on screen simply click on "register" on the menu bar at the top and follow the directions. Remember, all of their courses at Quantico are free. If you have any questions, please feel free to contact Gary Johansen at 799-3133.

NEW I.A.I. CERTIFICATION

Announced in the Jan/Feb 2004 Journal of Forensic Identification are the requirements for the new I.A.I. Tenprint Fingerprint Certification Program. An Associate's Degree and a minimum of two years of full-time experience in recording, classifying, filing, and searching of tenprints are required. I.A.I is expecting to give the first certification tests during the 2004 IAI Educational Conference in St. Louis in August, 2004. If you feel you are qualified for this certification, please contact the Chairperson, Debbie Benningfield at debbie.benningfield@cityofhouston.net, or any of the other Tenprint Fingerprint Certification Board members listed in JFI.

ANY NEWS IS GOOD NEWS

Anyone having any news or articles and would like to be published, please send it to our Newsletter Editor, Bonnie Stewart. She requests that it be in Word format since she does not have Word Perfect. Thank-you.

The Bulletin Board

Please check your Division web-site www.utahiai.org

Utah Crime Scene Investigators Meeting

Held monthly at various sites

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

Check dates, sites, and topics on-line at www.utahcrimesceneinvestigators.com

ATF&E Serial Number Restoration

March 16-18, 2004 - - - Weber County Sheriff's Office

Fee - - - Free Time - - - 0800-1600

Limited space available

Contact: Tristan Villalobos at (801) 778-6673 after 5 p.m.

David Ashbaugh - Ridgeology Course

May 3-7, 2004 - - - Weber County Sheriff's Office

Fee - - - \$325.00 Time - - - 0800-1600

25 Students maximum

Contact: Tristan Villalobos at (801) 778-6673 after 5 p.m.