

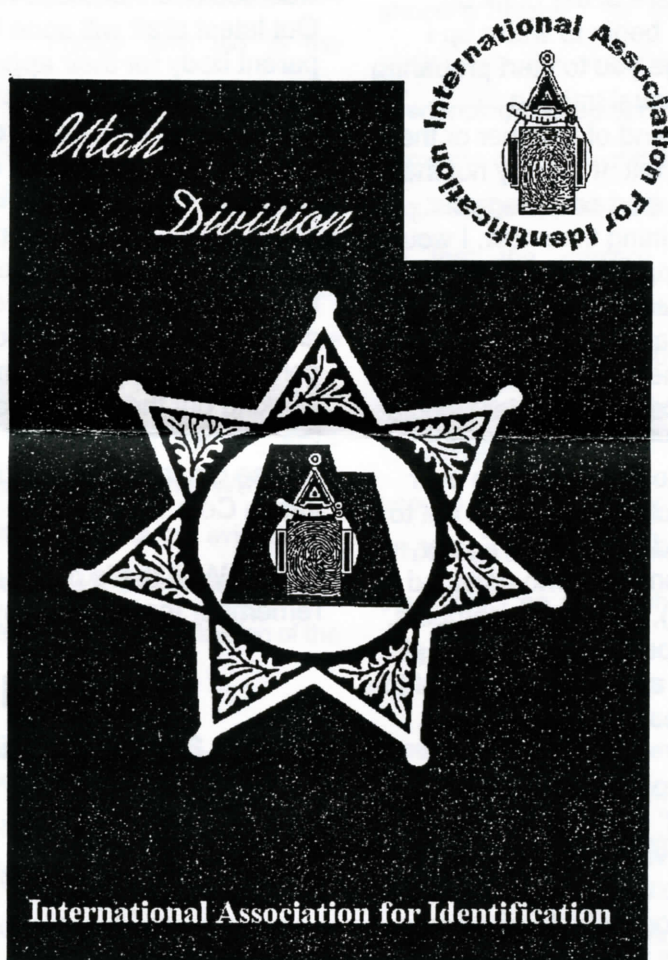
THE "PATENT PRINT"

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Chartered 1989

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2002 Board Members

Trent Grandy President	Jason Cole Vice President	Doug Huntsman Secretary	Vanessa Shama Treasurer	Charlotte Bowerbank Regional Representative
James May Newsletter Editor	Cal Ostler Parliamentarian	Tonya Lockwood Historian	Dr. Michelle Heward Legal Representative	Jeff Itami Past President

The President's Message

Well, here we are at the brink of summer and as things begin to warm up I would like to encourage you to start preparing for the upcoming bi-annual training conference, either the end of October or the first of November, this fall. It's really not that far off in the future, so start prepping your Supervisor for your training time now. I would also like to send my appreciation to all those who participated in making our last training conference such a great success. I have heard some wonderful comments from those of you who were in attendance. In particular I would like to thank the Utah Medical Examiner's Office for allowing us to basically take over their facility. Also, special thanks goes out to the instructors Dr. Todd Grey, John Foster, and Scott Spjut, the vendors (who provided such great door prizes), the Board members, and all others who helped plan and pull it all together. It is you who are the backbone of this organization that makes it all work so well.

As you have probably figured out by now, the "*Patent Print*" has a new editor. Kevin Patrick, who previously filled that position, was unable to continue due to other pressing duties. We would like to give him a hearty thank you for his time and effort in our behalf. At the same time we would like to welcome aboard our new editor James May. James has graciously agreed to take over this monumental task, and is certainly no stranger to Utah Division service, having been a past President himself. We are looking forward to some great reading in the future.

You will also see in this issue, a

rundown of your Board Members. These are a great group of people, as you can see, who give of their time and talents for us. I am very grateful to be able to work along side such talented individuals who pull together to form an amazing team.

Now, since this is starting to get rather windy, I thought I'd better get to the items of interest that we are currently working on. First, our Constitution and By-Laws revision. Due to some past problems with the original drafts, it was decided that these needed to be revised. Our latest draft will soon be sent to the I.A.I. parent body for their approval at the upcoming conference in Las Vegas. Following their recommended revisions or approval, it will then be presented to the membership at our fall conference, where it will face its first of two votes. This is one of the main reasons that it is so important that you attend the upcoming training. Second, we have been planning on creating a Utah Division of I.A.I. web page. A committee has been formed and they are working out the plan. If you have any ideas that you would like to contribute to this project, please get in touch with the committee chair, Jason Cole.

Well that's pretty much it for now. Just remember the old cowboy saying:

**"The only way to
clean a stable, is ta git dirty!"**

Trent Grandy - President

VICTIM PHOTOGRAPHY

Many times a victim's injuries are the only evidence a crime has occurred. The importance of good documentation through photography cannot be overstated. Injuries are perishable evidence, once they have healed they cannot be recovered. Photos provide tangible proof in the courtroom that a person has been victimized. Photos also aid in the investigation of a crime.

When a victim is photographed the Crime Scene Investigator must treat the victim as he would treat any other scene, from an investigative perspective. The victim is a crime scene and their injuries are evidence. From our knowledge of other scenes we know the following. It is necessary to take establishing photos to identify our scene. We need to take photos that identify and relate our evidence to locations within the scene. We also need close up photographs for investigation and identification of the evidence.

The following is the procedure used by our department for victim photography. The first series of photos to be taken are full length photos of the victim. The full lengths are taken of each side of the victim, these photos identify our scene. Our next photo is a head and shoulders photo shot with the victim holding a gray card. We then take two close up photos, with and with out a scale, of each injury. Gender is an issue when photographing a victim. Our policy requires the use of good judgment. Whenever sensitive parts of the victim require photography it is

best to have the same gender taking the photos of the victim.

Some of the problems that may be encountered have some relatively simple solutions. The CSI should photograph the full length with the camera in a vertical position, to increase the subject's size in the photograph with out creating a need for a greater shooting space. If the room is too small to photograph the victim in one vertical frame two overlapping photographs can be made to show the complete condition of the victim. Flash photography requires the camera to be set at a 1/60th of a second so that the camera and flash unit will be synchronized. Care must be taken when close up photos are made, because flash parallax problems will be encountered when the flash and camera are too close to the subject. Two methods that can be used to overcome flash parallax problems are to use off camera flash and to move the camera further from the subject so the flash will adequately cover the subject.

One last point to remember while photographing close ups, your subject must be at a distance greater than the minimum focusing distance of your lens. If your subject is closer than the minimum focusing distance your lens will not be able to focus on your subject.

By Don L. Lewis

Lakewood Police, Colorado

Obscured Prints Can Be Compared

On March 11th 2002 a suspect walked into the Key Bank in West Valley City and presented a fraudulent check to be cashed. When asked to apply a fingerprint to the check the suspect apparently obliged, but left an impression that resembles the surface of a pancake more than that of a fingerprint.

That same day the same suspect entered a bank in West Bountiful with the same intention. He applied his finger to the check thinking to leave the same print considering it useless for identification. However this teller took the time to examine the print and noting the lack of ridge detail, asked the suspect to use another finger that would produce a usable print. The suspect then left a second inked impression on the same check.

I was asked to examine the checks in the West Valley case. An attempt to enhance the print was unsuccessful. I learned of the West Bountiful checks and went to West Bountiful where I obtained their checks from Officer James Sheldon. The resemblance between the obscured prints was obvious. A transparent overlay confirmed it. The same obscured print was found on both checks.

Both checks had been written to the same payee listed as Daniel Cole. A comparison of a real Daniel Cole's tenprint record eliminated him as the source of the conventional print on the West Bountiful check. An AFIS search was commenced. As of this time no suspect has been identified by AFIS. If you, or anyone in your agency is aware of fraudulent checks cashed around March 11th with an obscured

print, we may be able to tie it to those we have already. Please contact me.

By. Kent W. Timothy
West Valley City Police
Forensic Services Unit
801-963-3506 or
ktimothy@ci.west-valley.ut.us



Vice President's

Message

I am looking forward to taking becoming the President of the Utah Division this fall. As a reminder, the membership will be voting and electing new board members. As President I also have to appoint the following board positions:

Sgt. at Arms/Parliamentarian

(currently held by Cal Ostler)

Regional Representative

(currently held by Charlotte Bowerbank)

Historian

(currently held by Tonya Lockwood)

Newsletter Editor

(currently held by James May)

I would like to ask that any member wishing to hold one of these positions or a current board member that would like to retain their position, please notify me with a letter of interest. Along with the letter please include any qualifications that might help me decide in choosing the right person for the position.

Thanks and remember the my favorite saying:

Sometimes the best solution to morale problems is just to fire all of the unhappy people.....

Treasurer's Message

Remember your 2002 dues. Any member that has not paid by the fall training will be dropped from the membership list. Please send dues to the following address:

Vanessa Shama

1117 W. Valewood Dr.

Murray, Ut. 84123

Meet your Board Members:

Trent Grandy - President

I have an Associates of Arts & Sciences in Law Enforcement and a Bachelors of Sciences Degree in Criminalistics. I started my career by working for the Utah Dept. of Corrections, as a guard at the State Prison in Draper. I then took a position as a Lab Technician, and later as a Supervisor, for the Salt Lake City Police Dept. Crime Lab for 5 ½ years. Currently, I work for the Utah Bureau of Forensic Services (aka Utah State Crime Lab) as a Latent Print Examiner II, since October of 1999. I have been a member of the I.A.I. since 1994 and the Utah Division since 1995. As a member of the Utah Division I have served as the Sgt. At Arms/Parliamentarian, Vice President, as well as presently as the President. Additionally, I hold Certifications from the I.A.I. as a Latent Print Examiner and Crime Scene Analyst.

Jason Cole - Vice President

I am currently employed with the West Valley City Police Forensic Services Unit as a Crime Scene Investigator. I began working for West Valley in August of 2001. Prior to my employment with West Valley, I worked for three years as an Officer and Detective for the Sandy City Police Department. I have been a member of the Utah Division of I.A.I. since the fall of 1999. I have been a member of the I.A.I. since 2001. I was Historian of the Utah Division during the 2001 year.

Doug Huntsman - Secretary

Evidence/Fingerprint Technician for Utah County Sheriff's Office. I have been in the business for 20 years. Crime scene work is very

satisfying particularly when after many hours of tedious work, the case against the suspect(s) is rock hard and all their defenses mean nothing.

Vanessa Shama - Treasurer

I am a student working toward my degree in Criminal Justice,

and also completing my A.I.A.S. degree.

I work for Salt Lake City Dept. of Airports as an Airport Operation Safety Specialist.

I have been a member of the Utah Div. of the I.A.I. since 2000 and have attended all the local training's as well as the training in Boise last year.

James May - Newsletter Editor

I am currently employed with the West Valley City Police Forensic Services Unit as a Crime Scene Investigator. I have been working for West Valley City since July 2000. Prior to that, I worked for Sandy City Police Department. I worked at Sandy City from April 1993 to June 2000 as an Officer, Evidence Technician, Court Bailiff, and as a Crime Scene Investigator. I have been a member of the Utah Division of I.A.I. since 1995. In the Utah Division I was the Secretary in 1998, the Vice President in 1999, and the President in 2000. I have also been a member of the I.A.I. since 2000 where I serve on the Editorial Review Board for the J.F.I.

Tonya Lockwood - Historian

I have been an Evidence Technician with the Utah State Crime Lab for over 4 years. I was an intern in the Latent Print section for 2 years. I have been a member of the Utah Division of I.A.I. since 1998. I have also been a member of the I.A.I. parent body since 1998.

Calvin Ostler - Parliamentarian

I have been in the Forensic's field since 1982 when I started at the Utah Medical Examiner's Office. I now own and run three Utah companies: Laser Physics, LaserMed and LumaChem. I have a Bachelor of Science Degree in Chemistry. I am an Honorary Colonel with the West Valley City Police Department. Some of the most significant highlights of my life are: Participation in the recovery efforts of the terrorist attack on the World Trade Center on September 11, 2001, participating in the forensic examination which led to an arrest in the Chief Cecil Gerr homicide, participating in the forensic examination which led to the arrest and conviction of Frank Upwall in a double vehicular homicide case, inventing the SceneSweeper™ Forensic Argon Laser, and inventing TapeGlo™, a chemical that is used to develop latent fingerprints on the sticky side of tape.

Charlotte Bowerbank - Regional Rep.

I have worked for the West Jordan Police Department for more than 5 ½ years; 3 of which have been in the Crime Scene Unit. I have been a member of the International Association for Identification since April of 2000. In November of 2000 I was appointed the Regional Rep. for the Utah Division of IAI. As the Regional Rep. I have associated with individuals from various agencies who have willingly shared their knowledge and experience to benefit others. I appreciate the opportunity to be involved in the Utah Division of IAI.

Jeff Itami - Past President

Salt Lake County Sheriff's Office

Dr. Michelle Heward - Legal Rep.

Weber State University

The Bulletin Board

Utah Crime Scene Investigators Meeting

July 17, 2002 - - - Farmington Police Department/Farmington, Utah

Fee - - - No Charge Time - - - 0800 to 1600

Any questions, call your Utah Division Vice President

I.A.I. International Education Conference

August 4 - 10, 2002 - - - Riviera Hotel & Casino/Las Vegas, Nevada

Fee - - - Members \$225.00 / Non-members \$275.00 (5 days)

Utah Crime Scene Investigators Meeting

August 21, 2002 - - - Bountiful Police Department/Bountiful, Utah

Fee - - - No Charge Time - - - 1000 to 1130

Any questions, call your Utah Division Vice President



The Patent Print

West Valley City Police Department

Forensic Service Unit

c/o James May

3600 Constitution Blvd.

West Valley City, Utah 84119