



The International Association For Identification
Utah Division of I.A.I.

Chartered 1989

NEWSLETTER

VOL. V., No. 3

FALL EDITION

1994

PRESIDENT'S MESSAGE - SUMMER 1994

This summer has been a time of growth and development within The Utah Division of the International Association for Identification. The Division has increased in numbers, adding both law enforcement personnel and forensic students. To those who have recently joined the Division, I welcome you and hope that you are desirous to contribute to the organization. In addition to new members, we have had internal changes within the Division. During the week of July 24 though the 30, 1994 three members of our Division attended the 79th Annual Educational Seminar of the International Association for Identification in Phoenix Arizona. During an extensive week of training and building friendships, two of our members were appointed to elected status's. Charles Illsley was appointed to the office of the 4th Vice President within the Association. Likewise Jeff Itami was elected and appointed to serve on the Board of Directors in the Association. Our sincere congratulations to Charles and Jeff on their achievements. The Utah Division of I.A.I. is honored to have members like yourselves in our presence.

As discussed at our last Division meeting in Price, Utah we will be having our Fall meeting on **October 5, 1994**. The meeting will be held at the **Dee Events Center of Weber State University**. We have scheduled the meeting to be in the Rich Lounge in the southeast section of the center. The business meeting will begin at 10:00am, with a break for lunch around 11:30am. As in our previous meetings, lunch will be provided for those in attendance. **We will resume the meeting at 1:00pm, and will be discussing the topic of court presentations, expert testifying, and other areas pertaining to our responsibilities in courts of law.** The meeting is expected to last until 4:30pm. As in the past, we will be having several door prize giveaways for those in attendance. Accompanying this newsletter is a map of the general directions. We hope to see you all in October!

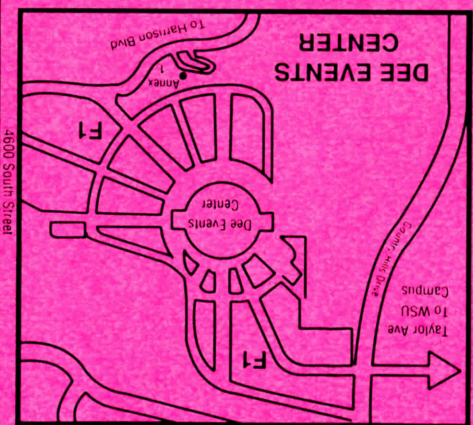
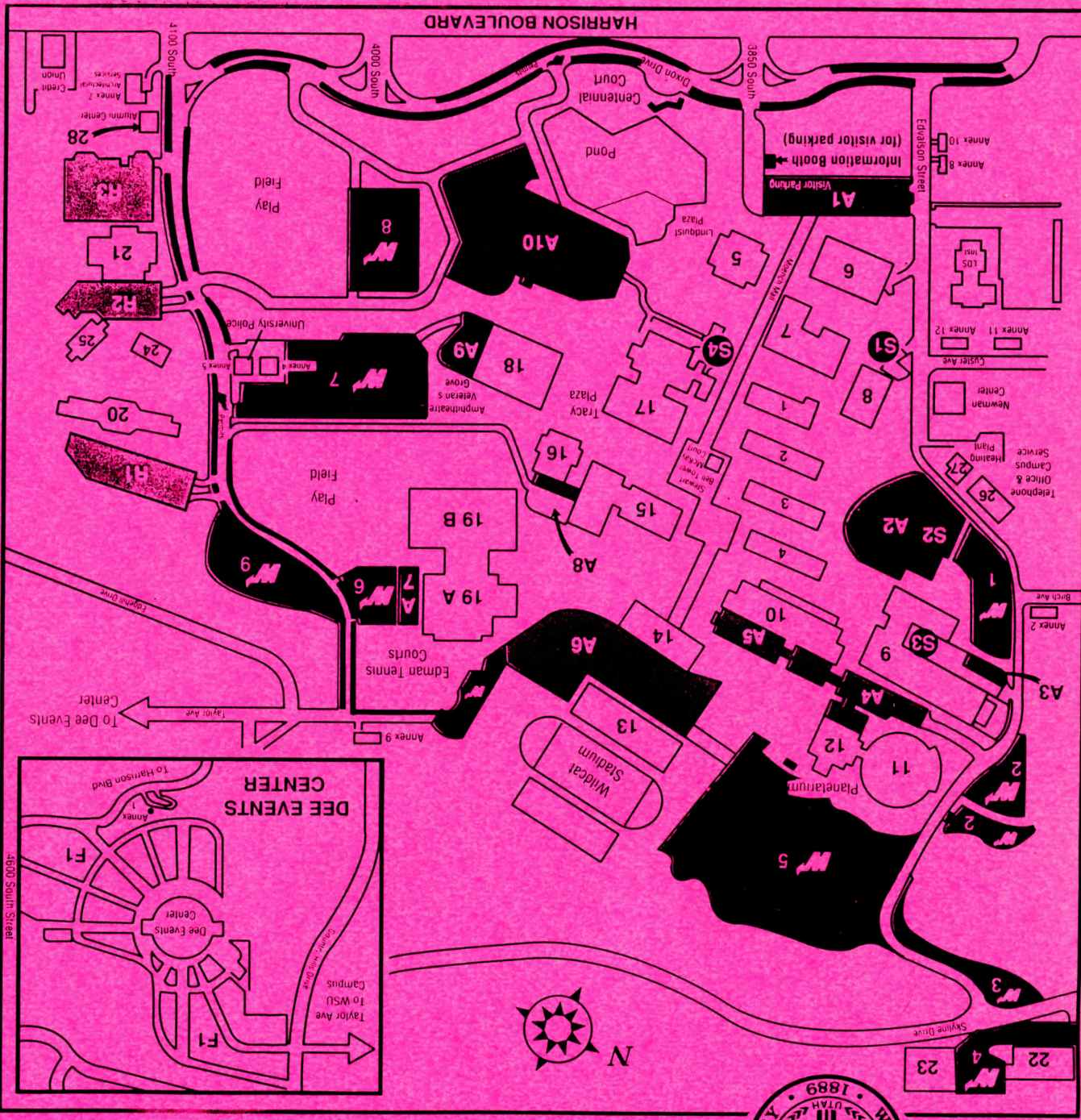
In closing I should mention that we have Utah Division of I.A.I. insignia clothing available. We currently have 100% cotton T-Shirts in White, Black, Navy Blue, and Gray in sizes Medium to XX-Large. We also have golf style hats in White or Black. Both items have the new Utah Division of I.A.I. insignia permanently silkscreened on them. The prices for the items are as follow:

T-Shirts - \$8.00 Hats - \$5.00

You can purchase these items either by contacting myself or at our Fall Meeting in Ogden. See you in October.

Scott R. Spjut
1994 President
Utah Division of I.A.I.

Webber State University CAMPUS MAP - ROADS AND PARKING



| | | | |
|---------------------|---------------------------------------|-----------|------------------------------------|
| A1 | A PERMIT & VISITOR METERS | 1 | PERMIT |
| A2 | A PERMIT & VISITOR METERS | 2 | PERMIT |
| A3 | A PERMIT | 3 | PERMIT |
| A4 | A PERMIT | 4 | PERMIT |
| A5 | A PERMIT | 5 | PERMIT |
| A6 | A PERMIT | 6 | PERMIT |
| A7 | A PERMIT | 7 | PERMIT |
| A8 | HANDICAPPED & DELIVERY | 8 | PERMIT |
| A9 | A PERMIT | 9 | PERMIT |
| A10 | A PERMIT & VISITOR METERS | | |
| PARKING LOTS | | | |
| A1 | Building 1 | B1 | Building 1 |
| A2 | CE - Art, HUD, Marketing | B2 | Building 2 |
| A3 | Alumni Affairs/Communications/ | B3 | Building 3 |
| A4 | Student Health Center | B4 | Building 4 |
| A5 | University Police/Safety | SS | Social Sciences Bldg |
| A7 | Architectural Services | WB | Watiss Bldg |
| A8 | English/ESL/Campus Engineer | ED | Education Bldg |
| A9 | Art | TE | Technical Education Bldg |
| A10 | Veterans Upward Bound/ | ET | Engineering Technology Bldg |
| A11 | Upward Bound | LL | Lind Lecture Hall |
| A12 | Eccles Literacy Center | SL | Science Lab |
| | | SD | Stevenson Athletic Offices |
| | | MH | Marriott Allied Health Bldg |
| | | S8 | Stewart Library |
| | | CA | Collett Art Bldg |
| | | SU | Shepherd Union Bldg |
| | | BC | Val A. Browning Center |
| | | SG | Swenson Gym |
| | | PE | Health & P.E. Center |
| | | WH | Wasatch Hall |
| | | PT | Promontory Tower |
| | | MB | Maintenance |
| | | SR | Stores and Receiving |
| | | SH | Stansbury Hall |
| | | LH | Lasal Hall |
| | | CS | Campus Services |
| | | HP | Heating Plant |

| | | | |
|------------|---------------------------------------|-----------|------------------------------------|
| A1 | Building 1 | B1 | Building 1 |
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| | |
|---------------------------|--|
| Building Directory | Annex Directory |
| S1 | Nursery Permit |
| S2 | Dental and Nursery |
| S3 | Shop Cars & Computer Center |
| S4 | UB, Bookstore & |
| STUDENT GOVERNMENT | |
| R1 | Residence Halls Permit |
| R2 | Residence Halls Permit |
| R3 | Residence Halls Permit |
| F1 | Free Student Parking |
| | Dee Events Center (Shuttle Bus Available) |



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79th I.A.I. EDUCATIONAL SEMINAR SUCCESSFUL

The last week of July from the 23rd through the 29th in Phoenix, Arizona, where it definitely was THE HOT ZONE turned out to be another very good educational seminar. Your Division President, Scott Spjut, Utah State Crime Lab., Latent Print Examiner, represented our Division as well as your State Representative, Jeff Itami, and, the I.A.I. Sixth Vice-President, Sgt. Charles Illsley, West Valley P.D. with his wife, Sgt. Valeen Illsley, W.V. P.D. There were over 834 in attendance at this year's seminar and it was a great success in terms of new technologies demonstrated, e.g. the fuming wand, and the educational classes presented by internationally famous personages, e.g. Dr. Henry Lee, Connecticut State Crime Lab. Director, and others.

Next year, 1995, the I.A.I. Educational Seminar week will be in Costa Mesa, California, yet another close-by opportunity for those of you who have not been to one to make the commitment in time, money and effort to go see what it is like having opportunities for sessions you'd otherwise never have locally, or, to meet famous people in our fields and various disciplines and hear them. They are still people like you and I. Ordinary people doing extraordinary things.

Division President Scott Spjut sold our Division hats when he wasn't in a class, and he learned why it's such an exciting, fulfilling time. At least, now, he understands why the Illsley's and Itami's have made the commitment to attend.

I.A.I. OFFICERS ELECTED

The local connection with the International parent body of I.A.I. has two Utahns now on deck. Det. Sgt. Charles Illsley, West Valley P.D., a former Div. President, is now the ~~For~~th Vice-President of the I.A.I.

With the able assistance, proding and promotional efforts of C. Illsley, Deputy Jeff Itami, S. L. Co. Sheriff's Office, I.D. Unit, was elected to serve on the I.A.I. Board of Directors. As Itami is currently Newsletter Editor and I.A.I. Division Representative, he'll have to step down from both of those jobs as well as the Forensics Art Sub-committee.

UTAH DIVISION ELECTIONS/NOMINATIONS SOUGHT

Barbara Crane, our able Treasurer will become the new Utah Division I.A.I.

UTAH DIV. ELECTIONS/NOMINATIONS SOUGHT continued:

as of January 1, 1995, therefore, the Division needs another hardworking, committed person to take up the checkbook of our division as Treasurer. If that sounds like you, call President Scott Spjut at 965-4501. Nominations will be accepted from the floor at the October 5th, 1994, meeting at Weber State Crime Lab.

Positions needing officers are: 1995 Presidential candidate, 1995 V.P. candidate, 1995 Treasurer. Mr. Art Terkelson, Secretary of the Utah Division will be seeking that office once again, but, if you want to seek that job, you're free to be nominated. Newsletter Editor is appointed by the Division President, as well as the IAI Division Representative.

FALL UTAH DIVISION MEETING

OCTOBER 5TH, 1994, AT DEE EVENTS CENTER OF WEBER STATE U.

RICH LOUNGE, SOUTHEAST SECTION OF CENTER

BUSINESS MEETING: 10:00 A.M.

LUNCH BREAK: 11:30 A.M. (LUNCH PROVIDED BY YOUR DIVISION)

AFTERNOON TRAINING SESSION: 1:00 P.M. (ends about 4:30 p.m.)

SPECIAL ATTRACTION: F.B.I. LATENT PRINT FINGERPRINT TESTIMONY
EXPERT WILL ATTEND TO DISCUSS COURTROOM
PRESENTATIONS, EXPERT TESTIMONY, AND
RELATED AREAS OF CONCERN.

DOOR PRIZES GALORE! UTAH DIVISION T-SHIRTS, HATS ON SALE!

NEED NOT BE UTAH DIVISION MEMBER TO ATTEND
OF COURSE, YOU CAN JOIN OUR DIVISION THERE!

R.S.V.P. UT. DIV. PRESIDENT SCOTT SPJUT; 965-4501.

ANNUAL MEMBERSHIP DUES - YEP, DUE AGAIN FOR 1995!

Send yer dues in to Ms. Barbara Crane, B.C.I./A.F.I.S. Section, 4501 S. 2700 W., Salt Lake City, Utah 84109. If you got any questions, call her at 965-4569.

THANKS TO BARBARA FOR ALL HER DEDICATION AND HARD WORK! YET ANOTHER YEAR WITHOUT DUES INCREASES FOR OUR DIVISION! STILL ONLY TEN BUCKS! WHAT A DEAL!

AND, IF YOU AREN'T A DUES PAYING MEMBER YET, NOW IS YOUR CHANCE TO JOIN OUR RANKS!

We need ya, we miss ya, we hope to see ya at our Fall General Meeting, Oct. 5th!



Hm, looks kinda suspicious to me,
what do you think, Watson? Eh?
Watson? Where are you?

AfterWords Technical Report

An Alternative Method of Photographing Cyanoacrylate Developed Latent Prints on Clear Plastic Material

Scott R. Spjut

*Utah Department of Public Safety
Salt Lake City, UT*

Introduction

There are several techniques which can be utilized to photographically document developed latent prints on clear plastic material. Some of these techniques require the utilization of lasers or monochromatic light sources. Although often times superior, these methods may be difficult for the technician who does not have access to such a light source. Comparable results can be obtained after cyanoacrylate ester development, without the use of a forensic light source.

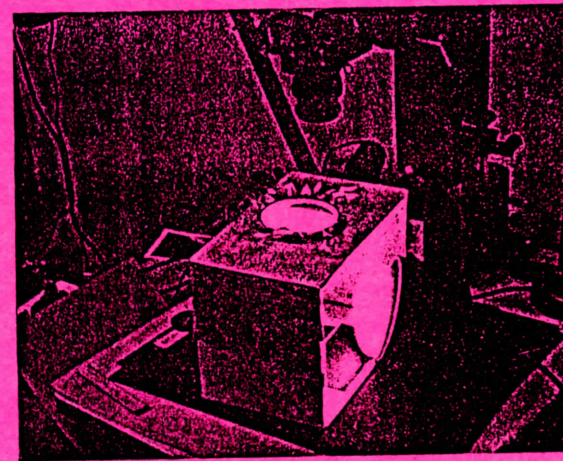
The use of a shadow box and an incandescent light can produce photographically legible latent prints on plastic material after development with cyanoacrylate ester. The shadow box can easily be constructed from an ordinary cardboard box that is lined with black paper. The black paper acts as the shadow area of the box. The latent prints photographed with this method are often equal in quality to those developed using fluorescent dyes and a forensic light.

This technical report was submitted to the *Journal of Forensic Identification* for publication consideration. Prior to acceptance, the report was published in the Utah Division of I.A.I. Newsletter, 5(1), 1993. The report has been edited.

J. Forensic Ident.
44 (2), 1994 \ 187

Procedure Preparation

The box used for this demonstration is open-ended with the dimensions 12" x 8" x 10". A 5" x 2" opening is cut on one of the side panels and black paper is placed within the box, opposite to that opening. The incandescent light is placed at the open end of the box, with the newly cut opening facing upwards.

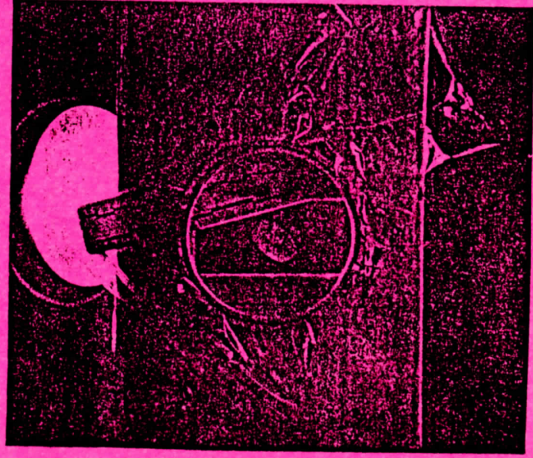


Example of the demonstrative box on a camera copy stand

Procedure

The plastic material which has previously been processed with cyanoacrylate is placed on top of the cut opening. The incandescent light is placed through the open end of the box, to allow the light to illuminate up through the cut opening. The visible latent prints are viewed through the cut opening, and are photographed accordingly. The use of a camera copy stand is useful to stabilize the box and camera. Occasionally the plastic material will be creased or otherwise wrinkled, making clear photography difficult. By placing the processed plastic in an embroidery hoop and pulling it tightly, many wrinkles can be greatly decreased. Embroidery hoops can be purchased at most craft retailers. The incandescent light can be adjusted to vary the desired lighting and contrast depending on the visibility of the latent prints to be photographed.

J. Forensic Ident.
188 / 44 (2), 1994

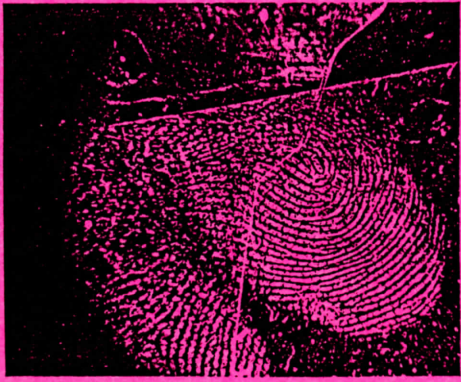


Example of a plastic bag held in place with an embroidery hoop



Latent print developed on a plastic bag and photographed with Kodak T-Max 400

J. Forensic Ident.
44 (2), 1994 \ 189



Latent print on the adhesive side of transparent tape, photographed with Kodak T-Max 400

Conclusion

This technique can be used to photograph most types of clear plastic materials including polyurethane wrap, plastic sandwich bags, cellophane, and latent prints on clear adhesive tape. Latent prints on the sticky side of tape are especially simple to photograph prior to cyanocrylate fuming. If required, the tape can be gently placed on clear glass, sticky side down. The glass is then turned upside down to photograph the latent prints in correct position.

Although not a replacement for dye stained latent prints, this technique can provide adequate results when photographing latent prints on clear plastic. The costs are minimal, and the preserved latent prints can easily be used for comparisons to suspect prints or for automated fingerprint systems.

For further information contact:

Scott R. Spjut
Utah Department of Public Safety
Criminalistics Laboratory
4501 South 2700 West
Salt Lake City, UT 84119
(801) 965-4501

J. Forensic Ident.
190 / 44 (2), 1994

Membership No: _____ Date Rec'd: ____/____/____ Amt Rec: \$ _____

UTAH DIVISION OF THE INTERNATIONAL ASSOCIATION
FOR IDENTIFICATION

Chartered June, 1989 by the I.A.I.

Membership Dues: \$10.00 (Annual Rate)
Treasurer: _____

(Please Remit Dues to Treasurer with Application)

I make application for Membership in the Utah Division of the International Association for Identification in accordance with its Constitution and By Laws, and agree to be bound therewith. I am submitting the following with this application: 1) Dues, 2) Permission to make background verification check, and 3) A photograph of myself.

NAME: _____ TITLE: _____
DEPARTMENT/AGENCY: _____
OFFICE ADDRESS: _____ PHONE: (____) _____ - _____
HOME ADDRESS: _____ PHONE: (____) _____ - _____
CITY: _____ STATE: _____ ZIP: _____

Forensic disciplines practicing now (list in order: 1, 2, 3, etc.):

- | | |
|---|---|
| <input type="checkbox"/> Police Photography | <input type="checkbox"/> Forensic Art / Police Artist |
| <input type="checkbox"/> Crime Scene Specialist | <input type="checkbox"/> Polygraph Examiner |
| <input type="checkbox"/> Latent Print Examiner | <input type="checkbox"/> Question Documents Examiner |
| <input type="checkbox"/> Firearm & Toolmarks Exam. | <input type="checkbox"/> Voice I.D. and Acoustic Analysis |
| <input type="checkbox"/> Forensic Laboratory Analysis in: _____ | |
| <input type="checkbox"/> Others: _____ | |

State your qualifications for Membership: (ACTIVE, shall consist of persons employed full-time with a federal, state, or local Bureau of Identification or Investigation, including those engaged in the science of identification, crime laboratory analysis, crime scene investigators and technicians, and the heads of law enforcement agencies. ASSOCIATE MEMBER, shall include those reputable persons who are wholly or partially engaged in any of the various phases of the science of identification, but are not qualified for ACTIVE membership, and are subject to the same rules, fees, and charges and entitled to the same rights and privileges as ACTIVE members, except that ASSOCIATE members shall not be entitled to an election to the office of President or Vice-President): _____

College Degrees and/or Honors: _____
Are you currently a certified expert in any of the above fields: [YES] [NO]
Which field(s) are you certified in: _____
By whom are you certified: _____

Applicant signature: _____ Date: _____

=====

UTAH DIVISION INFORMATION

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Recommended by: _____ Member Number: _____
Address of Recommending Member: _____
Approved / Denied by the current Officers of the Division on ____/____/____