

IDENTIFICATION OF A BARE FOOTPRINT ON A HAMBURGER BUN

By Eugene R. Czarnecki, CLPE—Criminalist

Iowa Division of Criminal Investigation Criminalistics Laboratory

Abstract: A plastic impression (three-dimensional) of the sole of a bare foot on a hamburger bun that was recovered at the scene of a brutal homicide is photographed, compared, and individualized to a suspect. The process to effect the individualization is related in terms of distinct steps following the methodology described in the acronym "ACE-V" (Analysis, Comparison, Evaluation and Verification).

Introduction

The Cedar Rapids Iowa Police Department collected and recorded numerous items of evidentiary value at the scene of a death investigation. These items were submitted to the Iowa Division of Criminal Investigation Criminalistics Laboratory for analysis. The evidence directed to the latent print section included the upper and lower portions of a hamburger bun with accompanying photographs (Figure 1). Known exemplars consisting of dusted tape lift impressions of the victim, the victim's toddler, and the suspect were also submitted for comparison.



Figure 1. Lower portion of the hamburger bun.

Analysis of Evidence

The halves of the hamburger bun had become desiccated, fragile, shrunken and distorted from a natural appearing shape. An analysis of the bottom half of the bun was conducted. No impression suitable for identification was observed with oblique lighting on the bottom half of the

bun. The top half of the bun was also examined with oblique lighting. Friction ridge detail was observed in a compressed area of the bun. The method of recording the ridge detail for analysis was the area of concern.

Photography of the ridge detail was naturally the first choice, which proved more difficult than originally anticipated. Photographing an impression in bread is challenging because of the air pockets that develop during the baking process. Furrows reproduced in the bun are raised and thin. The air pockets make these reproduced furrows more translucent, hence allowing light to be transmitted through them as opposed to a three-dimensional print in an opaque material, such as putty or clay. A tunable forensic light source was used with the white light (no filters) which gave optimum results. This light source allowed for the control of light intensity, color of light, and provided easier directional control of the light with the optic wand. The ridge detail was successfully photographed after several attempts to get the proper conditions.

Thought was given to the possibility of casting the impression with a silicon casting material. This idea was ruled out for two reasons. First, the casting material was thought likely to reproduce too much minute detail of the bun's surface thereby obscuring the ridge detail. Second, the original evidence would remain in the best condition possible should the defense attorney request to have it examined by an examiner of his or her choice.

Sufficient minutiae for identification were observed in

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President's Mes-

Hello everyone, I hope you have had a fun and peaceful summer. By now the kids should be back in school and we are at work trying to get things back to normal.

I would like to thank Shannon Hale for hosting our summer meeting at GBI. I would also like to thank Julie Gardiner for her presentation on Investigating Child Abuse. It is almost impossible to watch the news and not see a story about the abuse of a child. Maybe we can further expand this topic with additional training at a future conference.

By now, each of you should have made your plans to attend the conference in Kingsland on September 15th. If not, you had better get the ball rolling. Teresa Race is making the final touches on the schedule and it should be on the Web site soon. The training that is provided by this organization is very important. Not only does it keep you current with new developments and technology, the GAI AI membership provides you with a pool of knowledge that you can draw from by just making a call. I sure have called on the membership on many occasions.

In closing, I would like to thank the membership for allowing me to serve as your President this past year. I have enjoyed serving and look forward to the next year. I look forward to seeing a lot of smiling faces in Kingsland.

P.S. Remember that our fall conference for 2004 will be in Columbus. I may be calling on you for some help.....

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Publication Information

The *Georgia Forensic News* is published quarterly on February 15, May 15, August 15 and November 15. Deadline for submissions is four weeks prior to publication. Submissions can be sent to the editor at the address on the back of this newsletter. Any articles in this publication can be republished with credit given to the author. The editor's daytime telephone number is (404) 469-7039 and e-mail address is editor@gaiai.org.

ADVERTISING

The **new** advertising fees are:

- \$150 per full-page ad for four consecutive issues (1 year)
- \$80 per half-page ad for four consecutive issues (1 year)
- \$45 per quarter-page ad for four consecutive issues (1 year)
- \$25 per business card ad for four consecutive issues (1 year)

Ads are published in the hardcopy and online versions of the newsletter.

Make checks payable to: GA IAI

Remit to: GA IAI Editor
93 Bates Ave., NE
Atlanta, GA 30317

E-MAIL & ADDRESS CHANGES

Keep us updated with your contact information!

Send e-mail and address changes to: GA IAI Editor, 93 Bates Ave. NE; Atlanta, GA 30317. Or e-mail changes to:

editor@gaiai.org
or
sec-treasurer@gaiai.org

or use the link on our Web site.

Summer Business Meeting Minutes

General Meeting GBI, Decatur, Georgia June 27, 2003

The summer meeting of the Georgia State Division of the International Association for Identification was called to order by President Douglas Shafer at 9:45 a.m., June 27, 2003 at GBI, Decatur, Georgia. Shannon Hale was conference host.

President Doug Shafer presented certificates to Julie Gardiner and Dr. Laura Darrisaw, Medical Examiners' Office, for their presentation on Child Abuse Investigations. Henry Swafford presented an update on his work on fingerprint identification by ethnic groups.

At 11:45 a.m., we adjourned for lunch.

The business meeting was called to order by President Shafer at 1:05 p.m. The Secretary-Treasurer's report was called for. The minutes of the past meeting were accepted. The financial report was given as of June 26, 2003 and accepted as read. Frank Kendall offered a motion to accept them as posted in the newsletter. The motion was seconded by Stephen Greene.

Committee Reports: Science and Practices was read by Stephen Greene. Crime Scene Certification will provide training for all interested personnel at the Kingsland Annual Training Conference. Long Range Planning Committee reported that we would like to have training in crime scenes and Adobe Photoshop as workshops. The Audit Committee reported that there were no discrepancies in the audit of the financial records for the organization.

Old business: None.

New Business:

1. Stephen Greene reported that the Mission Statement for the organization is being worked on.
2. Shannon Hale is working on obtaining promotional items for the Fall Conference.
3. Stephen Greene reported that David Ashbaugh is tentatively scheduled to present another Ridgeology course hosted by the GAIAI on 23-27 February 2004, and that he would get in touch with David Witzke regarding prices, etc. for giving a course on Photoshop. Stephen also

reported that there would be enough certified people in Georgia to form a certification board for footwear.

4. Shannon Hale will coordinate with the South Carolina IAI for a possible joint meeting in 2005.
5. Denise Williams is coordinating with Wachovia Bank to obtain information on the cost of a NOVUS system for the organization.

Mary Ann Kendall offered a motion to adjourn. The motion was seconded by Shannon Hale.

Respectfully submitted,

Denise Williams
Secretary-Treasurer

Board of Directors Meeting GBI, Decatur, GA June 27, 2003

At 1:45 p.m., Chairman Shannon Hale called the Board Meeting to order. The following board members were present: Marion McDonald, Mary Ann Kendall, and Brenda Hutson.

1. Duane Christenson is currently conducting a revision of the current Bylaws (revision 2003-1). A copy of the revision will be posted on the Web site for comments and review.
2. Juliet Wood, Editor, proposed a price increase for the newsletter advertisements. After much discussion, Marion McDonald offered a motion to increase the prices to the following: \$150.00 for a full-page advertisement, \$80.00 for a half-page advertisement, \$45.00 for a quarter-page advertisement and \$25.00 for a business card advertisement. The motion was seconded by Brenda Hutson.
3. Mary Ann Kendall offered a motion that the organization sponsor Latent Print training 23-27 February 2004 and 8-12 December 2004. The motion was seconded by Brenda Hutson.
4. Brenda Hutson will represent the Georgia State Division at the International Conference in July 2003.
5. Shannon Hale and Stephen Greene will obtain pricing information to obtain a new laptop computer, copier and projector for the organization. The old laptop will be auctioned off at the fall conference to the best bid.

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Brenda Hutson offered a motion to adjourn. The motion was seconded by Stephen Greene.

Respectfully submitted,

Denise W. Williams
Secretary-Treasurer

FINANCIAL REPORT as of June 26, 2003

USPS		\$ 66.00
Juliet Wood	Newsletter mail out	168.00
Digital Imaging	Newsletter printing	301.74
AT&T	Fax/Phone	158.74
Office Depot	Ridgeology course supplies	96.40
Stephen Greene	Refreshments/Supplies	73.31
David Ashbaugh	Ridgeology Course	6000.00
Andy McIntyre	Refreshments	10.67
Denise Williams	PayPal Web site	40.00
Total:		\$6,914.86
Balance in Treasury:		\$13,067.57
Petty Cash:		\$67.80



WELCOME NEW MEMBERS

Robert A. Martin
Barrow County Sheriff's Office

Darian H. Zeigler
Lumpkin County Sheriff's Office

Correction & Update

- The name of Sirchie's portable RUVIS was incorrectly stated in the May 2003 issue (*A Note from the Field*). The correct full name is Krimesite Imager. See our very own Brenda Hutson quoted in this month's new Sirchie ad!
- Sgt. Daniel Rinehart's e-mail address (*Computers vs. Strings: 2 Cases in Point*, Feb. 2003) has changed to drinehart@kleinisd.net.

Crime Scene Certification Study Group (All levels)

A message from Galen Noll (Crime Scene Certification Chair):

Anyone interested in a study group for Crime Scene Certification (all levels), please contact Galen Noll at gn@houstoncountygga.org. I need to know what level you are studying for. If I get enough interest in the study group, we will attempt to have at least one study group and possibly two during the annual educational conference. This can only be accomplished if we have enough participation.

Future GAI AI Training Mark your calendars!



2004 Spring GAI AI Business Meeting

March 26, 2004

Riverdale Police Department

2004 Summer GAI AI Business Meeting

June 25, 2004

Commerce Police Department

2004 GAI AI Annual Educational Seminar

Columbus, GA

2005 Spring GAI AI Business Meeting

March 25, 2005

Location: TBA

2005 Summer GAI AI Business Meeting

June 24, 2005

U.S. Army Criminal Investigation Laboratory
Fort Gillem, GA

2005 GAI AI Annual Educational Seminar

Location: TBA

(Continued from page 1)

the photographs. The analysis of the bun and the photographs led to the conclusion that the area reproduced was from the hallucal area, or ball, of a right foot.

Comparison

A side-by-side visual comparison of the photographs of the impression in the bun with the dusted tape lift impressions of the soles of the mother, the child, and the adult suspect was conducted. A triradius and whorl pattern were present in the impression and aided in narrowing the search area of the known impressions. Shrinkage of the bun was taken into account and was judged to be uniform and proportional to the overall size of the bun.

Evaluation

The deceased mother and her child were eliminated as having produced the impression. The impression was then compared to the suspect's exemplars (dusted tape lift impressions of the soles of the feet). It was determined that the impression in the bun (Figure 2) and the dusted tape lift impression of the suspect's right foot (Figure 3) were made by one and the same person. No discrepancies were observed in the comparison of the impressions.

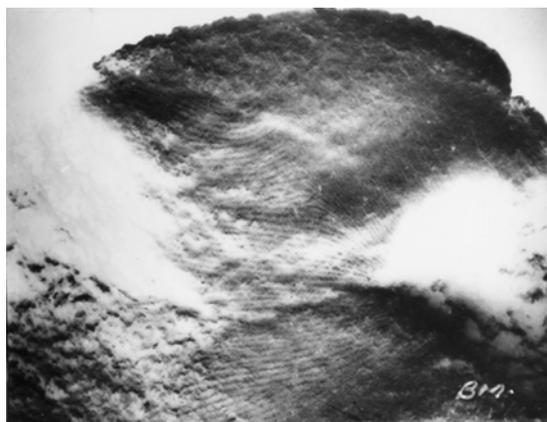


Figure 2. Impression on the bun.

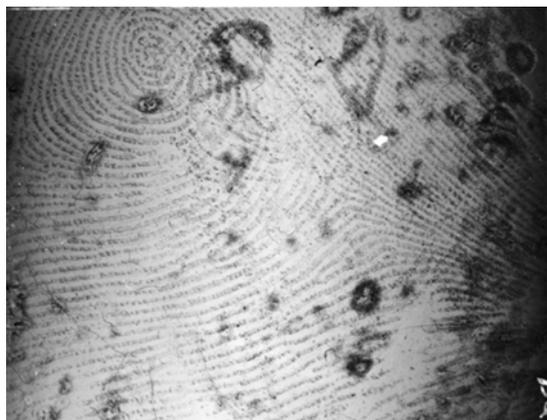


Figure 3. Dusted tape lift impression from suspect.

Verification

The original evidence, all the dusted tape impressions, photographs submitted by the Cedar Rapids Police Department, and enlarged photographs made at the DCI laboratory were submitted to a second certified latent print examiner for comparison. The second latent print examiner verified the identification.

Summary

The ACE-V methodology is not new to the scientific practice of identification. However, the terminology and description of each step in the individualization process is often omitted from reports and papers. This paper presents the application of the ACE-V methodology to an uncommon evidence substrate.

The suspect was formally charged and found guilty by a jury and is serving a life term with no chance of parole for murder in the first degree and first degree sexual abuse [2]. Although other bare foot impressions were developed and recorded at the scene by the Cedar Rapids Police Department Identification Unit, and the identifications of those prints were presented at trial, it was the hamburger bun footprints that were most interesting.

For more information, please contact:

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Wallace State Office Building
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References:

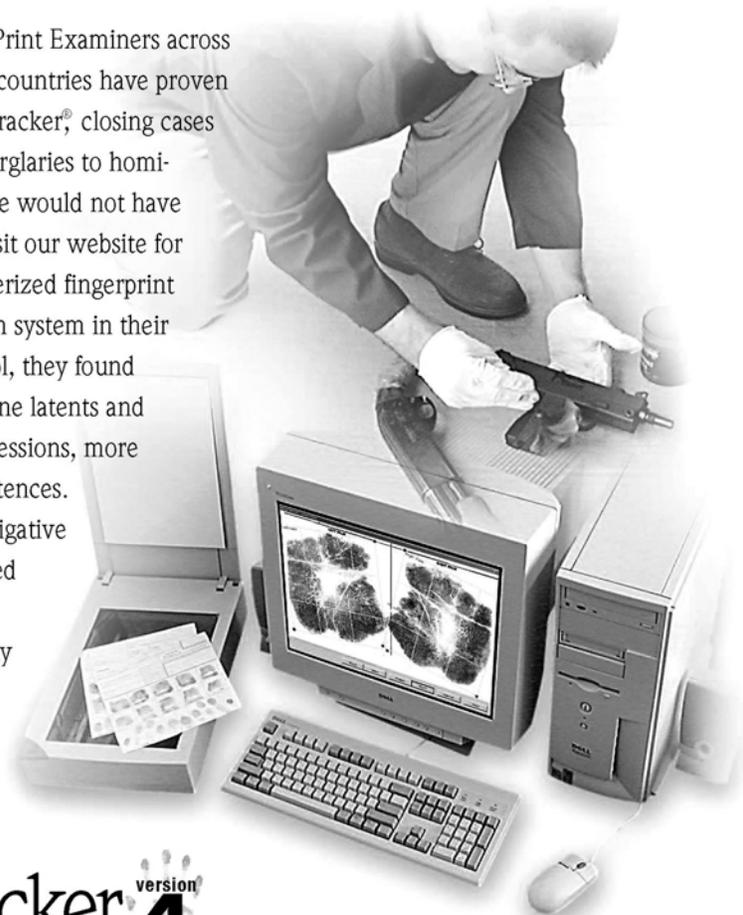
1. Ashbaugh, D. *Quantitative-Qualitative Friction Ridge Analysis*, CRC Press: Boca Raton, FL, 1999.
2. State of Iowa v Carloss Robinson, FECR #37753.

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**GEORGIA STATE DIVISION
INTERNATIONAL ASSOCIATION FOR IDENTIFICATION**

2003 ABSENTEE BALLOT

The following is quoted from the Bylaws of the Georgia State Division of the International Association for Identification:

Para 3.04 (4) Absentee Ballot. An Absentee Ballot with the name of each candidate selected by the Nominating Committee for each elected office will be mailed to each member in good standing prior to the Annual Training Seminar. The ballot will be returned to the Secretary-Treasurer in a sealed envelope marked "Absentee Ballot" to be received no later than the opening date of the Annual Training Seminar [September 15, 2003].

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Vote for one (1) per office.**

- President** Stephen D. Greene

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- Sergeant-at-Arms** Earl W. Osbon, Jr.

- Editor** Juliet H. Wood

- Historian** Karen Underwood

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- Terry J. Cooper

- Brenda Hutson

- Marion McDonald

Signature

Date

Print Name

GAI AI #

Return ballots in a sealed envelope marked "Absentee Ballot" for receipt by the Secretary-Treasurer before September 15, 2003 to:

Denise Williams
Secretary-Treasurer, GA IAI
8316 Winston Way
Jonesboro, GA 30260

Please allow time for the mail.

2003 GAI AI Annual Educational Seminar

September 15th-19th, 2003

TENTATIVE DAILY SCHEDULE

Monday, September 15th

1300-1700 Registration
 after 1300 Vendor Set up
 1800-2100 Presidential Reception

Tuesday, September 16th

0900-1000 Opening Ceremonies & Registration
 1000-1030 Vendors' Break
 1030-1200 Presidential Panel—Your Q & A Session: Things you have been dying to ask about your IAI
 1200-1330 Lunch (on your own)
 1330-1530 Sex Crimes Investigations
 Instructor: Ronald Spannuth, Branch Chief, ETD-FLETC Investigations, Glynco, GA
 1540-1700 Gizmos & Gadgets
 Instructor: Dick Warrington, retired
 Your Lynn Peavey Man—Everyday objects used to process scenes
 1800-2200 Poolside Low Country Boil at Chief Waits' home

Wednesday, September 17th

0900-1000 Registration
 0900-1200 Crime Scene Preservation
 Instructor: Curtis Shane, Senior Instructor, ETD-FLETC Investigations, Glynco, GA
 1200-1300 Lunch (on your own)
 1300-1700 Business Meeting
 Dinner (on your own)

Thursday, September 18th

0900-1000 Registration
 0900-1700 Difficult Case Investigations Involving Child Fatalities
 Instructor: Dr. Jamie Downs, GBI Medical Examiner
 after 1200 Vendor Breakdown (unless otherwise arranged)
 1830-2230 Banquet

Friday, September 19th

0900-1200 Evidence Presentation Course
 Instructor: Dora Tabb, DeKalb Co. PD
 This course is provided for POST certification for Crime Scene Investigators or Evidence Technicians.

NOTE: Anyone wishing to make contributions to the Hospitality Room, contact Al Pryor, GBI at al.pryor@gbi.state.ga.us.

CHECK THE WEBSITE, www.gai ai.org, FOR UP-TO-DATE CONFERENCE INFO.

GEORGIA STATE DIVISION INTERNATIONAL ASSOCIATION FOR IDENTIFICATION

33rd ANNUAL EDUCATIONAL SEMINAR REGISTRATION
RAMADA INN & SUITES
KINGSLAND, GEORGIA
September 15 through 19, 2003

NAME _____ GAIAI# _____
 ORGANIZATION _____
 ADDRESS _____
 CITY/STATE/ZIP _____
 TELEPHONE _____ FAX _____
 E-MAIL _____

GIAI Members—Full Seminar*	\$100.00	\$ _____
Non-Members—Full Seminar*	\$125.00	\$ _____
Student Registration**	FREE!	\$ _____
Spouse*	\$ 45.00	\$ _____
Registration per day	\$ 20.00	\$ _____
Late Fee	\$ 15.00	\$ _____
Presidential Reception	\$ 20.00	\$ _____
Poolside Low Country Boil	FREE!	\$ _____
Installation Banquet	\$ 25.00	\$ _____
TOTAL		\$ _____

*includes Presidential Reception, Poolside Low Country Boil, and Installation Banquet
 **does not include Presidential Reception or Installation Banquet

Entry to social events will be by ticket only. Social events admission is included in payment of full registration and spousal registration. For all others, tickets will be available from the Secretary-Treasurer.

Registration is requested by August 15, 2003. After August 15, a late fee of \$15.00 will apply.

Hotel reservations must be made separately. The hotel is located at 930 Highway 40 East, Kingsland, Georgia. Rates are \$48.00/day + tax including breakfast. Use Referral Code "GAIAI" when making reservations. Phone: (912) 729-3000.

Mail registration and fees to: Georgia State Division IAI
 ATTN: Denise Williams/Secretary-Treasurer
 8316 Winston Way
 Jonesboro, GA 30236

Make checks payable to GAIAI.

For further information, contact Teresa Race, Conference Coordinator, at conference@gaii.org, (770) 388-5047 or (770) 787-9450.

RESULTS Speak Louder *than advertising copy!*

Our Department recently purchased seven Krimesite Imagers...and Mr. Chris Harris (SIRCHIE® Forensic Sales) provided instruction to 40 of our crime scene technicians. His presentation was excellent and was well received by all attendees, including me.

*WG Massengill, Superintendent
Virginia State Police*

The vehicle they drove (in a robbery/homicide) was abandoned by the suspects. (After all traditional latent procedures failed, the vehicle was cut into smaller parts and sent to a facility for Vacuum Metal Deposition, and then the parts were returned.)...To everyone's amazement, the Krimesite Imager located additional latent prints on portions of the vehicle which had been through all the (traditional) procedures, including Vacuum Metal Deposition." To say the least, it was a selling point for our department.

*Sgt. John Thomas
Pasadena, CA*

The addition of a Krimesite Imager to our arsenal of tools has enhanced our ability to forensically examine a crime scene. Our ability to locate, process and record trace evidence such as latent fingerprints has been increased dramatically.

*Sgt. W. Bloomquist, Forensic ID Section
Royal Canadian Mounted Police*

Recently, while investigating a homicide, investigators from my agency recovered several pieces of duct tape used to bind the victim. (The tape was) submitted to a crime lab and all their efforts yielded negative results. Several weeks later we examined the same duct tape with SIRCHIE®'s Krimesite Imager. To our amazement we located two distinct fingerprints, neither of which belonged to the victim.

*Inv. Vincent Genovese
Bethlehem, PA*

(After photographing a sexual assault victim) I decided to try the Krimesite on the victim's legs where her bite marks had been. (Bites were three weeks old.) (The Krimesite) showed the older marks that I had not been able to see before. I have found that this equipment is good for something else other than latents.

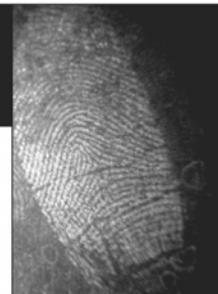
*Brenda Hutson
DeKalb Co. GA*



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**GEORGIA STATE DIVISION
INTERNATIONAL ASSOCIATION FOR IDENTIFICATION**

VENDOR APPLICATION/REGISTRATION

33rd ANNUAL EDUCATIONAL SEMINAR

September 15-19, 2003

Ramada Inn & Suites

Kingsland, Georgia

I/We hereby make application to establish a vendor's site at the Georgia State Division Annual Educational Conference.

The individual table fee for this conference is \$125.00, which includes advertising in the conference program and all three social events (Presidential Reception, Poolside Low Country Boil, and Installation Banquet) for one representative. The fee for each additional representative is the cost of whichever social event(s) the representative wishes to attend. Contact Andrew McIntyre, Vendor Coordinator, at vendor@gaiiai.org or (404) 417-2705 regarding the price schedule of social events.

The vendors' area will be open the following times:

Tuesday, September 16	9:00 a.m. – 5:00 p.m.
Wednesday, September 17	9:00 a.m. – 5:00 p.m.
Thursday, September 18	9:00 a.m. – 12:00 p.m.

Registered vendors will be afforded the opportunity to make a short presentation prior to the opening of the vendors' area on Tuesday.

We are anticipating a registration of approximately 75 to 100 participants.

COMPANY _____

REPRESENTED BY _____

ADDRESS _____

PHONE _____ **FAX** _____

E-MAIL _____

SPECIAL NEEDS/REQUESTS _____

Please indicate your interest in sponsoring/providing one or more of the following:

Presidential Reception	YES	NO
Poolside Meal	YES	NO
Installation Banquet	YES	NO
Breaks	YES	NO
Door prizes	YES	NO

Mail application together with registration fee to: Andrew McIntyre
ATF Atlanta Forensic Laboratory
2600 Century Pkwy., Ste. 410
Atlanta, GA 30345

Registration is requested by August 15, 2003.

Note: If you are planning on shipping equipment in advance, contact the Ramada Inn & Suites to verify shipping at (912) 729-3000. **Mark packages for GAI AI.**

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Once the split-back Zipr-Weld is in place, you can rest assured that unauthorized removal attempts will be easily detected.

Try it. It's almost too simple to believe! It even comes with a handy belt clip that *really* works!

Three roll lengths now available!



LYNN PEAVEY COMPANY

(800) 255-6499 www.lynnpeavey.com



Your partner in crime.



FREE custom imprinting with qualified purchases.
Call now to order, 800-255-6499.



GEORGIA STATE DIVISION
INTERNATIONAL ASSOCIATION
FOR IDENTIFICATION

APPLICATION FOR MEMBERSHIP

Please complete and return to:
Georgia State Division, IAI
8316 Winston Way, Jonesboro, GA 30236
ANNUAL FEE: \$25

I hereby make application for membership in the Georgia State Division, International Association for Identification in accordance with its Bylaws and Constitution and agree to be bound by them.

I am applying for:
(defined on reverse)

Active Membership

Associate Membership

PLEASE COMPLETE
BOTH ADDRESSES.
Check mailing preference

Name in Full: _____ Date of Birth: _____

Employed by: _____ How long? _____

In what capacity? _____ How long? _____

Business Address: _____

Home Address: _____

Business Phone #: _____ Ext: _____ Fax #: _____

Home Phone #: _____ E-mail Address: _____

How would you like to receive your newsletter? by mail online at www.gaiai.org

- 1. Have you ever been convicted of a crime?
 NO
 YES (If yes, give full details on other side.)

of fees, which will be refunded if application is rejected. *Incomplete applications will be returned.*

- 2. I understand that application fees paid to the Association by any new applicant between January 1 and August 31 shall be applied to the membership dues for that calendar year only; fees paid by an applicant on or after September 1 shall be applied to the following calendar year.

- 4. Also, I understand that my Membership Certificate is the property of the Division and must be returned to the Secretary upon my *resignation or suspension*.

Because this information will be used for compiling our Membership Directory, PLEASE be precise and complete ALL items.

- 3. All applications MUST be accompanied by payment Lapel Pin is optional for \$5.00.

5. PLEASE NUMBER UP TO THREE AREAS OF YOUR EXPERTISE
Indicate your primary discipline as Number 1, then other areas as 2 and 3.

___ Bloodstain Pattern Analysis

___ Fingerprint Identification

___ Laboratory Analysis

___ Crime Scene Investigation

___ Forensic Art

___ Polygraph

___ Innovative/Gen. Techniques

___ Footwear/Tire Tracks

___ Questioned Documents

___ Firearms & Toolmarks

___ Forensic Photography/
Electronic Imaging

___ Voice Print & Acoustics

6. Recommender: _____
Member's Name Member's #

Member's Address

Recommender's Signature (Required) Date

Approved: _____
Signature of Membership Committee Chairperson and Date

STATE DETAILS OF "YES" Answer to Question 1 below:

PERSONAL HISTORY

Degree and/or Honors and other Qualifications for Membership

MEMBERSHIP QUALIFICATIONS

ACTIVE MEMBERSHIP

Active membership of the Georgia State Division shall consist of heads of Bureaus of Identification or Investigation (including persons under their supervision who are engaged in the science of identification), heads of Police Departments, Chiefs of Detectives and Sheriffs, provided however, that the foregoing persons are bona fide employees of, and who receive salaries from National, State, County, or Municipal Governments, or some subdivision.

ASSOCIATE MEMBERSHIP

All reputable persons wholly or partially engaged in any of the various phases of the science of identification and who are not qualified for Active Membership are eligible to become Associate Members. They shall, in all respects, be subject to the same rights and privileges as Active Members, except that they shall not be entitled to the office of Vice President or President.

I certify that the information herein contained is true and correct to the best of my knowledge. Any omission or falsification of information will be a basis for rejection or denial of continued membership.

Applicant's Signature and Date: _____



A NOTE FROM THE FIELD

Gizmos and Gadgets

The other day I was reading a forensic magazine and I came across an article concerning a Web site that offers many helpful ideas and products. Some of these do cost, but there are a lot of free items that can be downloaded and printed in your office. There are also plans you can use to build some helpful items and save a lot of money. The site is Gizmos and Gadgets, WWW.CSIGIZMOS.COM. Once you enter the site, click on *Products* and then on a topic in the list on the left side of your screen. This list covers everything from Blood Detection to Tool Impression Material. I went to the site and immediately found some things that I could use. I would like to cover these areas.

How many times have you had to use your plastic evidence ruler to photograph a wound or mark on a body that was covered in blood and body fluids? From this Web site, you can download and make your own evidence rulers on Avery labels that fit on the back of your business card. After you have made your photos, the ruler can then be disposed of properly. But I do want to caution you. You must use a good quality printer and then verify that the markings on the ruler are precise.

Another project is a camera [photo] copy stand that is constructed with PVC pipe. You can print a project sheet that gives you a materials list, cutting and drilling procedures, and assembly procedures. The step-by-step procedures are easy to follow and in no time you will have finished your stand. It does require that you have some skills with tools. If not, I am sure you know someone who can assist you.

Have you ever needed to obtain an impression of a suspect's shoe or to record fingerprints and palms from a victim or suspect? Go to your favorite department store and purchase an Instant Shine shoeshine applicator, which will cost you a couple of bucks. This is rubbed on the sole of the shoe and the person steps on a clean sheet of white paper. Or rub on the friction ridges and then place the hand or finger on a clean sheet of white paper. Next you use a magnetic wand and powder to develop your print. The paper is then sprayed with hair spray and allowed to dry.

My favorite item is the Disposable "A" Frame Markers. When you have a crime scene that involves blood and body fluids, no one likes to use their plastic evidence markers. You do not want to take the risk of exposing yourself, fellow workers, or family members to a disease that can cause harm. You can download three different sizes of the markers, small, medium and large, which are numbered 1 through 20. Using heavy paper or card stock, you can print out sheets of the numbers. They are then cut and are ready for use. You can store them flat in your scene kit or vehicle, requiring very little space. Now you do not have to worry about body fluids. After use, you simply dispose of them in the proper manner.

These are just some of the products and ideas you can find at this site. There are many more and I feel you will find something that can be useful and helpful in your job. I do recommend that you check out this site.

Doug Shafer
Columbus PD

Advanced Bloodstain Pattern Analysis

Instructor: Jerry Findley

November 3-7, 2003 (0800-1600 daily, aim to arrive before 0700 due to traffic)

Brook Run, DeKalb County Park, Dunwoody, GA

Cost: \$425 GAI AI Member, \$450 Non-GAI AI Member
Class size limited to 20 students (first-come, first-served basis).

Course materials to bring: 35mm camera, tripod, ruler, scientific calculator, notebook & paper

IMPORTANT: Must have previously completed Basic Bloodstain Pattern Analysis
(proof of completion to be submitted with registration form).

Registration deadline: October 6, 2003. *No refunds will be issued after October 6, 2003.*

Course to be held at:

**Brook Run, DeKalb County Park
4770 N Peachtree Road, Dunwoody, GA 30338**

Lodging recommendations:

Extended America Hotel
7905 Crestline Parkway, Atlanta, GA 30328
Tel: (770) 396-5600 Fax: (770) 396-7311

Holiday Inn Express
765 Hammond Parkway, Atlanta, GA 30328
Tel: (404) 250-4450 Fax: (404) 250-4452

NAME _____ GAI AI# _____

ORGANIZATION _____

ADDRESS _____

CITY/STATE/ZIP _____

TELEPHONE _____ FAX _____

E-MAIL _____

SOC SEC # _____

Registration _____ X \$425.00 per GAI AI Member = \$ _____

_____ X \$450.00 per Non-GAI AI Member = \$ _____

TOTAL \$ _____

Mail registration fees and a copy of Basic Bloodstain Pattern Analysis course completion certificate to:

Georgia State Division IAI
ATTN: Denise Williams/Secretary-Treasurer
8316 Winston Way
Jonesboro, GA 30236

Make checks payable to GAI AI. Sorry, but we do not currently accept credit cards.

Contact Brenda Hutson, Course Coordinator, with all inquiries at (404) 294-2682.

Upcoming Courses

Advanced Bloodstain Pattern Analysis

Instructor: Jerry Findley

November 3-7, 2003 (0800-1600 daily)

Location: Brook Run, DeKalb County Park

See inside this issue for details and registration form.

Forensic Ridgeology Course

Instructor: SSgt. David Ashbaugh, RCMP

February 23-27, 2004 (0800-1700 daily)

Location: Stockbridge, GA (tentative)

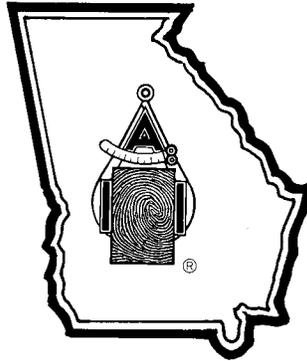
See the Web site (www.gaii.org) for course description and information.

Forensic Ridgeology Course

Instructor: SSgt. David Ashbaugh, RCMP

December 8-12, 2004 (0800-1700 daily)

Location: TBA



Next newsletter mailing:
November 2003

GEORGIA FORENSIC NEWS

International Association for Identification

Georgia State Division

Juliet H. Wood, Editor

93 Bates Ave., NE

Atlanta, GA 30317

FORWARDING & ADDRESS CORRECTION REQUESTED
