



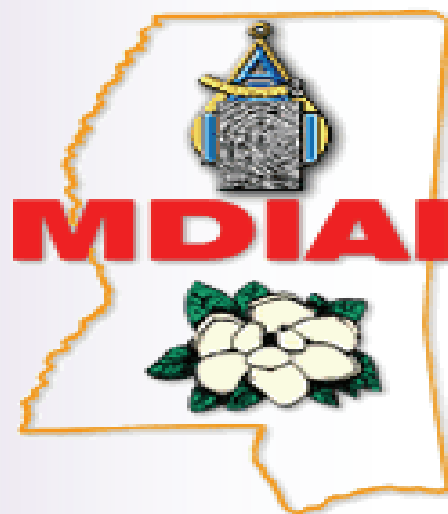
The Magnolia Print

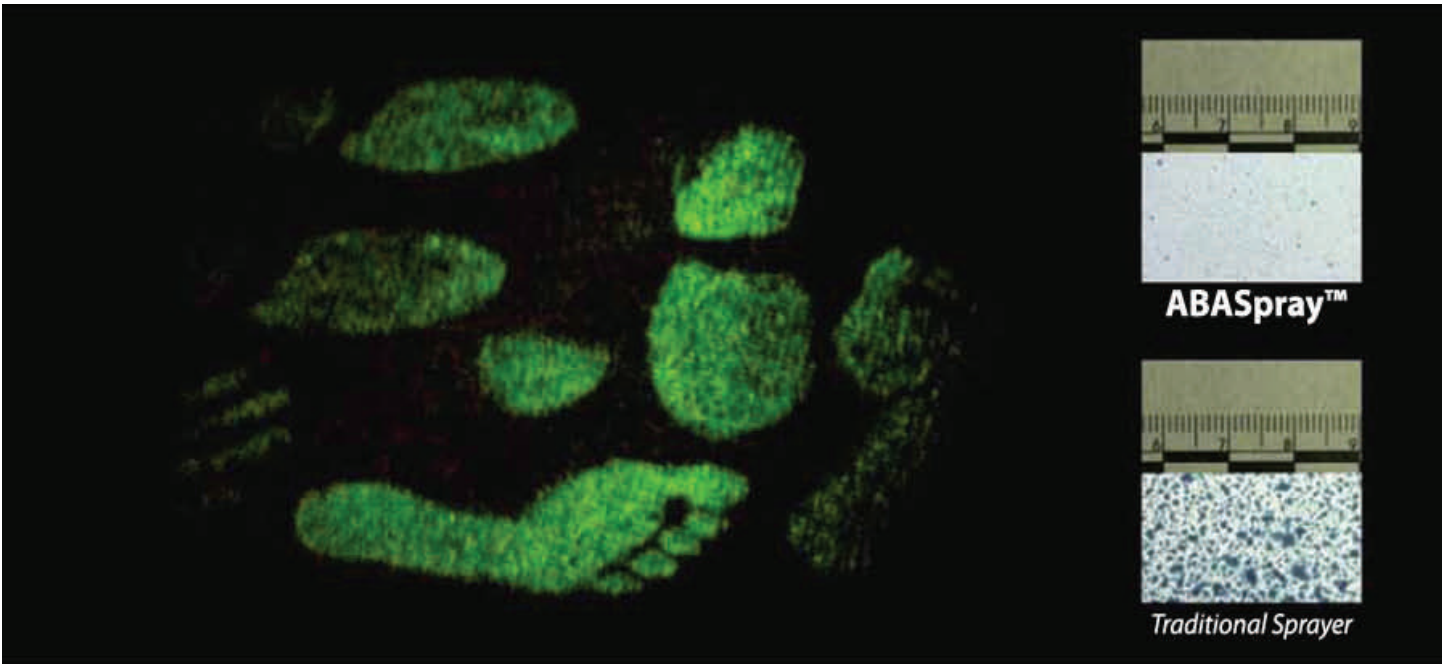
**Official Publication of the Mississippi Division of the
International Association for Identification**

Volume 30

2009

Number 1





Hemascein™

To Reveal, Identify and Collect *Latent Bloodstains*

- Sensitivity in Detecting Latent Bloodstains ... **2 to 5 Times More ✓**
- DNA Recovery ... **Yes ✓**
- Recovers Finer Detail ... **Yes ✓**
- Longevity ... **Highest for it to be Photographed ✓**
- Stable ... **7 yrs (Room Temperature) ✓**
- Safety ... **Fluorescein is Routinely Used in Humans ✓**
- Identify if Human Origin ... **Yes (Hematrace®) ✓**
- Formulation ... **Fluorescein Containing Formulation (Aqueous) ✓**

Visit hemascein.com for more details



Serving the forensic community since 1996

Abacus Diagnostics • 6520 Platt Ave #220 • West Hills, CA 91307 • USA
 Phone (818) 716-4735 • Toll Free (877) 225-9900 • Fax (818) 716-9471
 Email: CustomerService@abacusdiagnostics.com • www.abacusdiagnostics.com

From The President

Dear MDIAI Members,

As we approach our 30th year as a chartered IAI division, I would like to express how privileged I feel to have been elected president to such a great organization as the MDIAI.

As I enter the 2009-2010 term as president, I feel that I owe special thanks to all of those that have served as officers, board members, and committee members over the years. These individuals have given their time to ensure this organization's continued life and success. Without these people this organization would not be where it is today. I encourage all new MDIAI members to get involved with the division to help us continue on with that success.

The upcoming training schedule is looking very good. In August the parent body of the IAI will be having their annual educational conference in Tampa, Florida. After that in the fall, our division will be putting on an expert witness seminar on the Mississippi Gulf Coast. We hope to have the date and venue confirmed in the next few weeks. At the same time we are in the early stages of planning the 2010 Annual Spring Conference. We are looking forward to providing another great year of training opportunities.

In closing, I'm really excited about the upcoming year and am looking forward to working for you. Please feel free to contact me with any questions, comments or suggestions. My contact information, along with the officers and board of directors, can be found on our website at www.mdiai.org.

Sincerely,

Jimmy Perdue



Officers, Board of Directors, and Committees

Officers

Jimmy Perdue (Mississippi Crime Laboratory), President
Kevin Houston (Oxford Police Department), 1st Vice President
L.W. "Bump" Callaway (Warren County CMEI, Retired), 2nd Vice President
Marie Pace (Mississippi Crime Laboratory), Secretary
Heather McNeill (Ron Smith and Associates), Treasurer
Mike Hood (Mississippi Crime Laboratory), Sergeant-at-Arms
Paulette Weible (Search Dogs South), Historian
Lynée Burleigh (Mississippi Crime Laboratory), Editor
Amy Malone (Mississippi Crime Laboratory), Webmaster
Jason Pressly (JusticeTrax, Inc.), Regional Representative

Board of Directors

Chair (past president)– Ron Smith (Ron Smith and Associates)
Member/1st VP– Kevin Houston (Oxford Police Department)
Member – Bobby Kelly (Oxford Police Department)
Member- Dr. Harry Porter (Mississippi College)
Member – Bob Weible (Search Dogs South)
Member – Amy Preston (Mississippi Crime Laboratory)
Member – Doug Husky (Warren County CMEI)

Resolution Committee

Chair/1st VP – Kevin Houston (Oxford Police Department)
Member – Bobby Kelly (Oxford Police Department)
Member – Bob Weible (Search Dogs South)
Member – Jamie Bush (Mississippi Crime Laboratory)
Member – Matt Schwarz (Ron Smith and Associates)

Officers, Board of Directors, and Committees

Publication Review Committee

Chair/2nd VP – L.W. “Bump” Callaway (Warren County CMEI, Retired)

Member – Paul Wilkerson (Mississippi Crime Laboratory)

Member – John Black (Ron Smith and Associates)

Member – Steve Mallory (University of Mississippi)

Member – Melissa DeBerry (Mississippi Crime Laboratory)

Conference Committee

Chair – Bobby Kelly (Oxford Police Department)

Member – Ron Smith (Ron Smith and Associates)

Member – Jimmy Perdue (Mississippi Crime Laboratory)

Member – Dean Bertram (University of Southern Mississippi)

Vendor Liaison Committee

Chair – Ron Smith (Ron Smith and Associates)

Member – Kelley Counts (Ron Smith and Associates)

Member – Jason Pressly (JusticeTrax, Inc.)

Member – Bob Weible (Search Dogs South)

Audit Committee

Member – Paulette Weible (Search Dogs South)

Member – Heather Burkett (Mississippi Crime Laboratory)

Latent Print Certification Committee

Chair – Paul Wilkerson (Mississippi Crime Laboratory)

Member – Ron Smith (Ron Smith and Associates)

Member – Mike Hood (Mississippi Crime Laboratory)

Member – Jimmy Perdue (Mississippi Crime Laboratory)

Crime Scene Certification Committee

Chair – Jamie Bush (Mississippi Crime Laboratory)

Member – Grant Graham (Mississippi Bureau of Investigation)

Member – Marie Pace (Mississippi Crime Laboratory)

Member – Dywana Broughton (Mississippi Bureau of Investigation)

The following articles were obtained from the Microgram Bulletin, a publication of the Drug Enforcement Administration, Office of Forensic Sciences Washington, D.C. 20537

www.usdoj.gov/dea/programs/forensicsci/microgram

February 2009 — RECORD SEIZURE OF PHENCYCLIDINE [PCP] IN JACKSON, MISSISSIPPI

The Mississippi Crime Laboratory in Jackson recently received two plastic bottles containing a combined total of 875 milliliters of a straw-colored liquid with a strong ether-like odor, that field tested positive for phencyclidine (PCP). The exhibits (see Photo 8) had been mailed to an abandoned building in Jackson, and were seized by Mississippi Bureau of Narcotics agents. The caps on both bottles had been further sealed with electrical tape. Preliminary analysis by FTIR confirmed diethyl ether. Further analysis by GC/MS confirmed PCP (not formally quantitated, but a relatively high loading based on the TIC). This was the first submission of PCP to the Mississippi Crime Laboratory system since 2003, and was also the largest ever such submission.



Photo 8 (in an evidence envelope)

May 2006 — BLACK TAR HEROIN SMUGGLED INSIDE A TEDDY BEAR IN EAST BATON ROUGE, LOUISIANA

The Louisiana State Police Crime Laboratory at Baton Rouge recently received ten small packages containing a dark tar-like substance, suspected black tar heroin (see **Photo 5**). The exhibits were seized in East Baton Rouge by the East Baton Rouge Parish Sheriff's Office, pursuant to a vehicle stop by the U.S. Border Patrol. All ten packages were hidden inside a teddy bear, which in turn was inside luggage in the vehicle. Each packet of the tar-like material was first wrapped in clear plastic, which was then wrapped in black tape. Analysis of the material (total net mass 222.50 grams) by GC/MS confirmed heroin (not quantitated, but only a moderate percentage based on the GC chromatogram). Black tar heroin is not routinely submitted to the laboratory, and this is also the laboratory's first encounter with the use of a teddy bear for smuggling a controlled substance.

[Editor's Note: The tenth package was opened for field testing, and subsequently leaked into the evidence envelope (as seen in **Photo 5**).]



Photo 5

May 2008 — MDMA INSIDE A MARIJUANA "BLUNT" IN BATON ROUGE, LOUISIANA

The Louisiana State Police Crime Laboratory in Baton Rouge recently received a plastic bag of marijuana (confirmed), two green Ecstasy-type tablets (MDMA confirmed), and a hand-rolled cigar, an apparent marijuana "blunt." The exhibits were seized in Baton Rouge by the Baton Rouge Police (no further details). The cigar was approximately 9 x 1 centimeters, weighed 1.68 grams, and was visually unremarkable. However, upon disassembly for sampling purposes, the core was found to contain a sprinkling of pink granules, apparently a crushed up tablet, mixed throughout the plant material (see Photos 2a and b). Analysis of the plant material by microscopy and Duquenois-Levine confirmed marijuana (THC not quantitated). Analysis of the pink substance (not weighed separately) by GC and GC/MS indicated MDMA, caffeine, and procaine (MDMA not quantitated, but much less than the caffeine and procaine). This is believed to be the second such submission to the laboratory.



Photo 2a



Photo 2b - Expansion of Photo 2a



Leaders in filtration and contamination control equipment, Air Science has a range of cabinets designed specifically for forensic applications. Whether you need to protect the operator or the evidence we have a range of cabinets to suit your needs.



Fingerprint Workstation

- Unique downflow air pattern to capture fingerprint powder
- Unrestricted access
- Compact design
- Carbon and HEPA filters



Ductless fume Hood

- Provides operator protection from fumes and particle hazards, such as ninhydrin sprays & superglue
- Advanced monitoring and safety features
- Non-polluting and energy saving



PCR Workstation

- RNA/DNA sampling and preparation
- Provides class 100 clean air for sample protection
- Timed UV light and advanced safety features
- Compact bench-top design



Swab Dryer

- Provides operator and swab protection
- Dries and stores swabs in a controlled environment
- Protection from airborne hazards & bacterial pathogens
- Protection of swabs from cross contamination
- Compact design



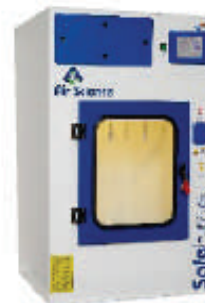
Forensic Evidence Drying Cabinet

- The activated carbon & HEPA filters ensure a safe working environment for personnel and protection of evidence from cross-contamination
- Many sizes available
- Easy to install



Biological Safety Cabinet

- High operator protection
- Smart control panel
- Safety critical parameters monitored
- Easy to use
- Class I, II, III units available



CA fuming Chamber

- Automated development of fingerprints
- Fully self-contained system requiring no installation costs
- Lock out safety feature which protects the door from opening when fumes are present within the chamber
- Many sizes available

Visit us on-line at
Www.AIRSCIENCE.com

Air Science USA
610 Center Road
Fort Myers, Florida 33907
T/239-489-0024
Toll Free/800-306-0656
Fax/239-489-0922

Upcoming Training Opportunities

Ron Smith & Associates, Inc., in conjunction with the IAI

Available: www.theiai.org <http://www.ronsmithandassociates.com>

Fingerprinting

Introduction to the Science of Friction Ridge Examination	June 22-26, 2009	Orange County, California
Fundamentals of Latent Print Examination	July 27-31, 2009	Hammond, IN
Complex Latent Print Examinations	September 21-25, 2009	Salt Lake City, Utah (metro)
Essential Ridgeology Concepts	October 19-23, 2009	Seattle, WA
IAI Latent Print Certification Test Preparation Training	Nov 30-Dec 4, 2009	Humble, TX

General

Courtroom Testimony Techniques – Success Instead of Survival	May 27-28, 2009	San Diego, California
Courtroom Testimony Techniques – Success Instead of Survival	July 15-16, 2009	Tacoma, WA
Courtroom Testimony Techniques – Success Instead of Survival	November 9-11, 2009	Biloxi, MS (IP Resort and Spa)

Footwear/Tire

Examination and Comparison of Footwear and Tire Track Impression Evidence	August 3-7, 2009	Indianapolis, Indiana
--	------------------	-----------------------

Forensic Imaging/Photography

Forensic Digital Imaging: Extend Your Reach	May 19-22, 2009	Largo, Florida (NTSTC)
Digital Crime Scene & Evidence Photography	Sept 29-Oct 1, 2009	Salt Lake City, UT (metro)

For More information about upcoming classes, call toll-free at (866) 832-6772

To register for any of these classes, go to www.ronsmithandassociates.com

For more information about **hosting** any of these classes, please contact:

Michael J. Campbell, Training Coordinator

(262) 695-4403—office

mike@ronsmithandassociates.com

Upcoming Training Opportunities, Cont.

Introduction to Shooting Reconstruction

June 3-5, 2009

Advanced Shooting Reconstruction

August 3-5, 2009

Texas Department of Public Safety, Austin, TX

Contact Ana Maxwell Phone: 512-424-7303

Training by: Edward E. Hueske www.edhueske.com

Basic Bloodstain Pattern Analysis Course

June 8-12, 2009

Advanced Bloodstain Pattern Analysis Course

June 15-19, 2009

Both presented by Elmira College, Elmira, New York

For more information, contact:

Paul Erwin Kish

Forensic Consultant & Associates

Phone: 607-962-8092

Email: paulkish@stny.rr.com

2009 Trace Evidence Symposium

August 2-7, 2009

Presented by the National Institute for Justice and the FBI's Laboratory Division

Clearwater Beach, Florida

For more information, go to this website:

<http://www.ojp.usdoj.gov/nij/events/trace-evidence-symposium/welcome.htm>

Basic Bloodstain Pattern Analysis Workshop

December 7-11, 2009

Presented by the Specialized Training Unit at the Metropolitan Police Institute of the

Miami-Dade Police Department Doral, Florida

For more information, contact:

Toby L. Wolson, M.S., F-ABC

Miami-Dade Police Department

Crime Laboratory Bureau

Voice: 305-471-3041, Fax: 305-471-2052

E-mail: Twolson@mdpd.com

Upcoming Meetings

American Academy of Forensic Sciences (AAFS)

www.aafs.org

62nd Annual Scientific Meeting; February 22-27, 2010

Washington State Convention & Trade Center

800 Convention Place

Seattle, WA 98101

Deadline for submission of abstracts: August 1, 2009

The International Association for Identification (IAI) www.theiai.org

94th International Educational Conference: Keeping Crime at Bay with Forensics!

Tampa, Florida

August 16-22, 2009

go to www.theiai.org for PDF registration forms or register on-line

Southern Association of Forensic Scientists (SAFS)

2009 SAFS Meeting—Orlando, Florida; October 18-23, 2009

(joint meeting with MAFS, MAAFS and SWAFS)

see www.southernforensic.org for more information

Mississippi Division of the International Association for Identification (MDIAI) www.mdiai.org

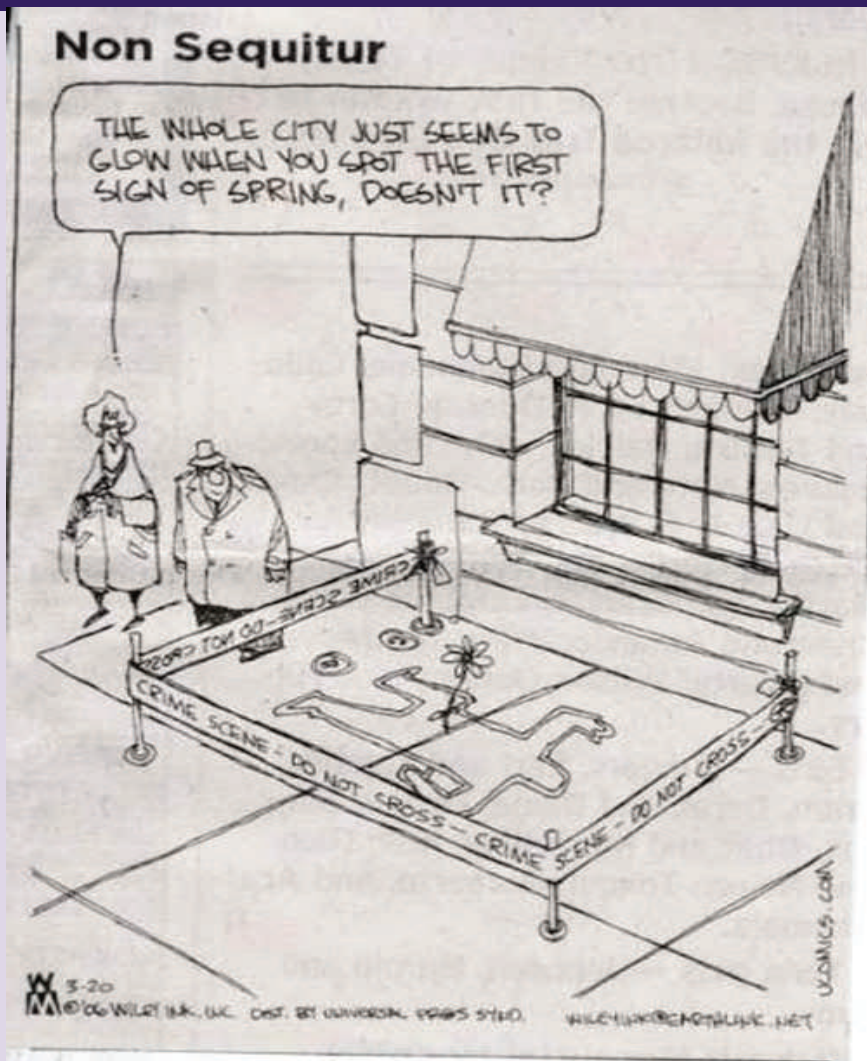
Courtroom Testimony class by Ron Smith scheduled for November 9-11, 2009 at the Imperial Palace, in Biloxi, Mississippi. Check the website for more information!



Picture from the 2009 Olive Branch meeting with Dr. Lawrence Simon

Non Sequitur

THE WHOLE CITY JUST SEEMS TO GLOW WHEN YOU SPOT THE FIRST SIGN OF SPRING, DOESN'T IT?



Questions, Comments or Suggestions?
Please contact the Editor, Lynée Burleigh at
lburleigh@mcl.state.ms.us
OR visit us online at www.mdiai.org

Additional information about an interesting article, upcoming training,
news, etc. is always welcome!