



## Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

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# Curriculum Vitae

## Jon S. Byrd, MSFS, CLPE, CFWE

### Professional Specialties

Latent Print Examination / Footwear / Tire Track Examination / Crime Scene Examination

### Experience

2020 – Present      Chief Executive Officer  
Ron Smith and Associates, Inc., Collinsville, MS

2010 – 2020      Director of Laboratory Services  
Ron Smith and Associates, Inc., Collinsville, MS

2007 – 2010      Director of Forensic Laboratory  
Bureau of Forensic Services, Hattiesburg, MS

2003 – 2007      Criminalist II, Lead Agent  
Colorado Bureau of Investigation, Montrose, CO

1997 – 2003      Forensic Scientist II  
Mississippi Crime Laboratory, Jackson, MS

1989 – 1998      United States Marine Corps, Headquarters Platoon Sergeant  
Honorable Discharge (E-6) in 1998

### Education

2008 – 2010      M.S., Forensic Science, University of Southern Mississippi, Hattiesburg, MS

1989 – 1993      B.S., Criminal Justice, University of Southern Mississippi, Hattiesburg, MS

1986 – 1989      Hinds Community College, Raymond, MS

### Combined Training

IAI Annual Training, 960 hrs (*Latent Print, Footwear, Tire Track and Crime Scene Training*)

Latent Fingerprint Training, 282 hrs

Crime Scene Examination and Reconstruction Training, 224 hrs

Footwear / Tire Track Evidence Training, 172 hrs

Latent Print and Footwear Processing Techniques, 126.5 hrs

American Society of Crime Lab Directors Annual Training, 96 hrs

Forensics Computer Training, 64 hrs

Firearms Training Course, 52 hrs

Forensic Photography, 48 hrs

### **Combined Training, Cont.**

ISO 17020/17025 Standards Training, 40 hrs  
ASCLD/LAB Training, 24 hrs  
Instructor Certification Training, 24 hrs  
Forgery Investigation, 6 hrs

### **Courtroom Experience**

Qualified as an expert witness in County, Municipal, State and Federal court

### **Professional Affiliations**

International Association for Identification, Parent Body (IAI)  
American Society of Crime Lab Directors (ASCLD)  
International Association for Identification, Mississippi Division (MDIAI)

### **Other Qualifications and Certifications**

Proficient in ISO/IEC 17025 and 17043 Standards and Supplementals through ANAB-ASCLD\LAB  
Certified Latent Print Examiner, International Association for Identification  
Certified Footwear Examiner, International Association for Identification  
Certified Instructor, State of Mississippi

### **Awards**

President's List, University of Southern Mississippi, 1992, 2008, 2009, and 2010  
Dean's List, University of Southern Mississippi, 1990, 1992, 1993  
Meritorious Mast, United States Marine Corps, 1992  
Certificate of Commendation, United States Marine Corps, 1994, 1996  
Award of Excellence, Colorado Bureau of Investigation, 2005  
Distinguished Member Status, International Association for Identification, 2007  
Outstanding Faculty Member, International Forensic Science Academy, 2008

### **Publications**

"Form Blindness," May/June 2003, Journal of Forensic Identification  
"Confirmation Bias, Ethics, and Mistakes in Forensics," July/August 2006, Journal of Forensic Identification  
"Confirmation Bias, Ethics, and Mistakes in Forensics," Forensic Pathways.com, Tamworth, England  
(<http://www.forensic-pathways.com/318/articles/confirmation-bias-ethics-and-mistakes-in-forensics>)  
"Screening Potential Latent Fingerprint Examiner Trainees: The Viability of Form Blind Testing," July  
/August 2010, Journal of Forensic Identification

### **Presentations**

American Society of Crime Lab Directors, Salt Lake City, UT – Lecture on "Confirmation Bias, Ethics and Mistakes in Forensics" 2008  
American Society of Crime Lab Directors, Scottsdale, AZ – Lecture on "Issues in Managing a Latent Print Unit" 2014, 2015 (Washington DC)  
Calgary Police Department, Calgary, AB (Canada) - Training course on "Analysis and Comparison of Footwear Impressions Evidence" 2021  
Chesapeake Bay Division of IAI, Ocean City, MD – Lecture on "Confirmation Bias, Ethics and Mistakes in Forensics" 2010  
Chicago Police Department, Chicago, IL – "Essential Ridgeology Concepts" 2024  
Colorado Bureau of Investigation, Denver, CO – "Confirmation Bias, Ethics and Mistakes in Forensics" 2006  
Colorado Bureau of Investigation, Delta, CO – "Latent Print and Footwear/Tire Track processing and collection" 2004, 2005, 2006

## **Presentations, Cont.**

Colorado Bureau of Investigation, Denver, CO – “Adobe Photoshop Techniques” 2005

Denver PD, Denver, CO - Training course on “Analysis and Comparison of Footwear Impressions Evidence” 2023

El Paso County SO, El Paso, TX - Training course on “Analysis and Comparison of Footwear Impressions Evidence” 2023

Forensic Science for Legal Professionals (WVU/FSI), Orlando, FL – Lecture of “Confirmation Bias, Ethics and Mistakes in Forensics” 2012

Harris County Institute of Forensic Science, Houston, TX – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2010

Illinois division of IAI, Springfield, IL – Lecture on “Form Blindness” 2003

Indiana State Police Forensic Laboratory, Indianapolis, IN – “Detection, Documentation, Recovery and Examination of Footwear Evidence” 2019

International Association for Identification, Little Rock, AR – Poster Presentation on “Form Blindness” 1998

International Association for Identification, Las Vegas, NV – Lecture on “Form Blindness” 2002, 2003

International Association for Identification, Las Vegas, NV – Lecture on “Scientific Latent Print Examiner Testimony on Daubert and Plaza Issues” 2002

International Association for Identification, St. Louis, MO – Lecture on “How to utilize your Faculty within your Degree Program” 2004

International Association for Identification, Dallas, TX – Lecture on “Confirmation Bias: Do You Have It?” 2005

International Association for Identification, Boston, MA and San Diego, CA – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2006, 2007

International Association for Identification, Boston, MA – Lecture on “Form Blindness – the final results” 2006

International Association for Identification, Boston, MA – Lecture on “Basic Crime Scene Processing” 2006

International Association for Identification, Sacramento, CA, and Atlanta, GA– Workshop on “How Xtreme is Extreme Wear in Footwear Examination” 2015, 2017

International Association for Identification, Reno, NV, Nashville, TN, Omaha, NE, National Harbor, MD – Workshop on “On-Screen Footwear Comparisons: A New Method for an Old Technique” 2019, 2021, 2022, 2023

International Association for Identification, Reno, NV, Nashville, TN, National Harbor, MD – Workshop on “Searching Smart: A Faster Way to the Answer” 2019, 2021, 2023

International Association for Identification, Nashville, TN – Workshop on “Basic Footwear Examinations” 2021

International Association for Identification, Omaha, NE – Lecture on “Tair Rada Homicide Case” 2022

International Forensic Science Academy, Hattiesburg, MS – Lecture on “Footwear and Tire Tracks – From the Crime Scene to the Courtroom” 2008, 2009

International Forensic Science Academy, Hattiesburg, MS – Lecture on “Report Writing” 2008, 2009, 2010

International Forensic Science Academy, Hattiesburg, MS – Lecture on “Cad Zone – Crime Scene Diagrams in 3D” 2008, 2009, 2010

International Latent Print Examiner Training Academy, Meridian, MS – Lecture on “Bias, Ethics and Mistakes in Forensics” 2016, 2017, 2018, 2019, 2020, 2022

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “Complex Latent Print Examinations” 2016, 2017, 2018, 2019, 2020, 2022

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “IAI Pre-Certification” 2016, 2019, 2020, 2022

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “Simultaneous and Distorted Impressions” 2016, 2017, 2018, 2022

## **Presentations, Cont.**

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “Digital Photography Basics” 2016

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “Exclusion and Inconclusive Decisions” 2017

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “Essential Ridgeology Concepts” 2017, 2018, 2019, 2020, 2021

International Latent Print Examiner Training Academy, Meridian, MS – Lecture and Workshop on “Footprint Examination” 2017, 2018, 2019, 2020, 2022

Johnson County Sheriff’s Office, Olathe, KS – Training course on “Analysis and Comparison of Footwear Impressions Evidence” 2021

Jordan Intelligence Directorate, Amman, Jordan – Lecture on “Searching Smart, Photoshop Fundamentals, and Complex Latent Print Examinations” 2021

King County Sheriff’s Department, WA – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2009

Los Angeles Sheriff’s Department, CA – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2008, 2009, 2010, 2012, 2016

Massachusetts State Police, Maynard, MA – “The Analysis and Comparison of Footwear Impression Evidence” 2020

Mississippi Attorney General and District Attorney’s Conference, Biloxi, MS – “Avoiding Mistakes at the Crime Scene” 2010

Mississippi Division of IAI, Tupelo, MS – Lecture on the “Alternate Light Source (ALS)” 2003

Mississippi Division of IAI, Hattiesburg, MS – Lecture on “Crime Scene Management” 2007

Mississippi Division of IAI, Hattiesburg, MS – Lecture on “Confirmation Bias and Ethics in Forensics” 2022

Mississippi Law Enforcement Officers Training Academy, Pearl, MS – “Advanced Latent Print Processing Techniques,” 1999, 2000, 2001, 2002, 2003

Mississippi Law enforcement Officers Training Academy, Pearl, MS – “Automated Fingerprint Identification System,” 2001, 2002

Mississippi Law Enforcement Officers Training Academy, Pearl, MS – “Basic Latent Print Processing” 1999, 2000, 2001, 2002, 2003

Mississippi Law Enforcement Officers Training Academy, Pearl, MS – “Latent Print Comparison” 2003

New York State Police, Albany, NY – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2011

New York State Police, NY – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2011

Portland Police Department, Portland, ME – “The Analysis and Comparison of Footwear Impression Evidence” 2022

Southern Association of Forensic Scientists (SAFS) Atlanta, GA – “Confirmation Bias, Ethics and Mistakes in Forensics,” 2007

Southern Association of Forensic Scientists (SAFS) Biloxi, MS – Advanced Latent Print Processing Techniques,” 2002

Texas Division of IAI, Galveston, TX – Lecture on “Form Blindness” 2003

United Metro Forensic Crime Laboratory, Aurora, CO – “Complex Latent Print Examinations” 2020

United States Army Criminal Investigation Laboratory, Fort Gillem, GA – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2006

United States Army Latent Print Training Academy, Meridian, MS – Lecture on “Confirmation Bias, Ethics and Mistakes in Forensics” 2011

United States Army Latent Print Training Academy, Meridian, MS – Lecture on “Complex Latent Print Examinations” 2011

## **Presentations, Cont.**

United States Army Latent Print Training Academy, Meridian, MS – Lecture on “Comparison Training” 2010

University of Southern Mississippi, Hattiesburg, MS – “Basic Latent Print Comparison” 2002, 2003, 2008, 2009, 2010

University of Southern Mississippi, Hattiesburg, MS – “Introduction to Forensic Science” 2000, 2001, 2002, 2003

University of Southern Mississippi, Hattiesburg, MS – “Blood Stain Pattern Analysis” 2005, 2006

University of Southern Mississippi, Hattiesburg, MS – “Latent Print Development and Enhancement” 2005

University of Southern Mississippi, Hattiesburg, MS – “Footwear, the Missed Evidence” 2005

Ventura County Sheriff’s Office, CA – Lecture on “Essential Ridgeology Concepts” 2017

Ventura County Sheriff’s Office, CA – Lecture on “Bias, Ethics and Mistakes in Forensics” 2017

Ventura County Sheriff’s Office, CA – Lecture on “Complex Latent Print Examinations” 2018

Ventura County Sheriff’s Office, CA – Lecture on “Advanced Latent Print Processing Techniques” 2018

Ventura County Sheriff’s Office, CA – Lecture on “Exclusions and Inconclusive Decisions” 2019

Ventura County Sheriff’s Office, CA – Lecture on “Latent Print Sufficiency” 2021

Ventura County Sheriff’s Office, CA – Lecture on “IAI Latent Print Pre-Certification Course” 2021

World Police Summit (hosted by Dubai PD, UAE) – Lecture on “Excellence is in the Detail – An Examination of 3<sup>rd</sup> Level Details” 2022

## **Special Committees Appointed to**

International Association for Identification: Personnel Review Board, Review of a case involving differing opinions, 2007

International Association for Identification: Y7 Committee, Review of the Shirley McKie case involving differing opinions, 2008

International Association for Identification: Latent Print Standardization III Committee, 2009/2010

## **Organizational Positions Held**

American Society of Crime Lab Directors (ASCLD) audit committee, Mississippi Crime Laboratory Board of Directors - Mississippi Division of the IAI (MDIAI) 2003, 2010, 2011 and 2012

Crime Scene Certification Committee – Mississippi Division of the IAI (MDIAI) 2009 and 2010

Crime Scene Technical Working Group, representative for the Montrose Regional Laboratory, Colorado Bureau of Investigation

Footwear Certification Board, Chair – International Association for Identification (IAI) 2013 to 2018

Footwear Certification Board, Co-Chair – International Association for Identification (IAI) 2012 and 2013

Footwear Certification Board, member – International Association for Identification (IAI) 2008, 2009, 2010, 2011 and 2012, 2019 to Present

Footwear / Tire track Technical Working Group, representative for the Montrose Regional Laboratory, Colorado Bureau of Investigation

Latent Print Identification Subcommittee, Chair – International Association for Identification (IAI) 2007 to 2012

Latent Print Identification Subcommittee (temporary resolutions group) – International Association for Identification (IAI) 2002

Latent Print Technical Working Group, representative for the Montrose Regional Laboratory, Colorado Bureau of Investigation

LIMS Administrator, Montrose Regional Laboratory, Colorado Bureau of Investigation

Publications Review Committee, Chair - Mississippi Division of the IAI (MDIAI) 2001

Resolutions Committee, member – Mississippi Division of the IAI (MDIAI) 2011

Resolutions Committee, Chair - Mississippi Division of the IAI (MDIAI) 2001 and 2013

Safety Committee, Chair – International Association for Identification (IAI) 2000, 2001 and 2002

**Organizational Positions Held, Cont.**

Vendors Committee, Chair - Mississippi Division of the IAI (MDIAI) 2002

**Manuals Written**

Crime Scene, Standard Operating Procedures, Bureau of Forensic Services, 2008  
Evidence Reception, Standard Operating Procedures, Bureau of Forensic Services, 2008  
Footwear/Tire Track Standard Operating Procedures, Bureau of Forensic Services, 2008  
Footwear/Tire Track Standard Operating Procedures, Ron Smith and Associates, Inc., 2011  
Footwear/Tire Track Analyst Training Manual, Colorado Bureau of Investigation, 2006  
Footwear/Tire Track Analyst Training Manual, Ron Smith and Associates, Inc., 2011  
Latent Print Analyst Training Manual, Colorado Bureau of Investigation, 2006  
Latent Print Analyst Training Manual, Ron Smith and Associates, Inc., 2011  
Latent Print Standard Operating Procedures, Bureau of Forensic Services, 2008  
Latent Print Standard Operating Procedures, Ron Smith and Associates, Inc., 2011  
Physical Evidence Handbook, Colorado Bureau of Investigation, 2005  
Physical Evidence Handbook, Bureau of Forensic Services, 2008  
Proficiency Testing Standard Operating Procedures, Ron Smith and Associates, Inc., 2015  
Safety Manual, International Association for Identification, 2002  
Safety Manual, Ron Smith and Associates, Inc., 2011