



## **BLACK & WHITE FORENSICS, LLC**

4241 Thigpen Road  
Olanta, SC 29114  
Phone: 601-604-6766  
john@bwforensics.com  
www.bwforensics.com

*“Because the truth isn’t gray.”*

### **Curriculum Vitae John P. Black**

#### **Experience**

- 11/19 – present      Training Coordinator, Ron Smith & Associates, Inc.  
Coordinate and schedule forensic training courses throughout the United States and abroad; provide instruction for certain courses
- 8/14 – present      Owner – Black & White Forensics, LLC; Olanta, SC  
Latent print examination; Footwear/tire track examination; Crime scene case review; Expert witness testimony; Quality audits; Technical reviews; Verifications; Forensic instruction
- 1/10 – 8/14      Forensic Supervisor – Ron Smith and Associates, Inc.; Largo, FL  
Supervision of daily operations; Forensic instruction; Latent print examination; Quality audits; Footwear/tire track examination; Expert witness testimony
- 01/07 – 12/09      Senior Consultant – Ron Smith and Associates, Inc.; Collinsville, MS  
Latent print examination; Footwear/tire track examination; Quality audits; Forensic instruction; Expert witness testimony
- 12/93 – 12/06      Senior Agent/Criminalist – South Carolina Law Enforcement Division; Columbia, SC  
Latent print examination; Footwear/tire track examination; Crime scene examination; Bloodstain pattern analysis; Drug analysis; Expert witness testimony
- 8/91 – 11/93      Forensic Chemist - U.S. Drug Enforcement Administration; Miami, FL  
Analysis of controlled substances; Expert witness testimony

#### **Education**

- 1986 – 1990      Bachelor of Science, Forensic Chemistry, Ohio University, Athens, OH
- 1990 – 1991      Graduate coursework in Analytical Chemistry, Indiana University, Bloomington, IN

#### **Training Received**

- 106<sup>th</sup> International Educational Conference, IAI, Omaha, NE, August 2022
  - “Revisiting the likelihood ratio: A gentle introduction and some examples”
- 105<sup>th</sup> International Educational Conference, IAI, Nashville, TN, August 2021

- Practical Answers to Challenging Questions in the Courtroom, Ron Smith & Associates webinar, June 2020
- Limits of Persistency in Friction Ridge Skin, Evolve Forensics webinar, May 2020
- Advanced Digital Imaging, Foray Technologies, Columbia, SC, May 2019
- 103<sup>rd</sup> International Educational Conference, IAI, San Antonio, TX, August 2018
- SCIAI Spring Conference, North Charleston, SC, April 2018
- 102<sup>nd</sup> International Educational Conference, IAI, Atlanta, GA, August 2017
- 101<sup>st</sup> International Educational Conference, IAI, Cincinnati, OH, August 2016
- 100<sup>th</sup> International Educational Conference, IAI, Sacramento, CA, August 2015
- 99<sup>th</sup> International Educational Conference, IAI, Minneapolis, MN, August 2014
- 98<sup>th</sup> International Educational Conference, IAI, Providence, RI, August 2013
- “Reducing Erroneous Exclusions: The Workshop!” Eric Ray/Penny Dechant, August 2013
- Impression and Pattern Evidence Symposium, NIJ, Clearwater Beach, FL, August 2012
- 97<sup>th</sup> International Educational Conference, IAI, Phoenix, AZ, July 2012
- 96<sup>th</sup> International Educational Conference, IAI, Milwaukee, WI, August 2011
- “Complex Latent Print Sufficiency: The Threshold?” Julie Brownfield, August 2011
- 95<sup>th</sup> International Educational Conference, IAI, Spokane, WA, July 2010
- Examination of Simultaneous Impressions workshop, David Fairhurst, Spokane, WA, July 2010
- From Fingerprint Individualization to Fingerprint Statistics, Glenn Langenburg and Cedric Neumann, Portland, OR, March 2010
- 94<sup>th</sup> International Educational Conference, IAI, Tampa, FL, August 2009
- Finding Latent Evidence with Chemistry and Light, Brian Dalrymple, Collinsville, MS, January 2009
- Digital Image Enhancement – Extend Your Reach, Brian Dalrymple, Collinsville, MS, January 2009
- 93<sup>rd</sup> International Educational Conference, IAI, Louisville, KY, August 2008
- Shooting Reconstruction, MDIAI Spring Conference, Olive Branch, MS, 2008
- 92<sup>nd</sup> International Educational Conference, IAI, San Diego, CA, July 2007
- The BTK Killings, MDIAI Spring Conference, Olive Branch, MS, April 2007
- 91<sup>st</sup> International Educational Conference, IAI, Boston, MA, July 2006
- Analysis of Distortion in Latent Prints, Alice Maceo, Boston, MA, July 2006
- Principles of Digital Imaging, David Witzke, Columbia, SC, June 2006
- Forensic Anthropology, Bill Stevens, Columbia, SC, April 2006
- The Mayfield Case: Causes and Remedies, Stephen Meagher, Columbia, SC, February 2006
- SCIAI Annual Education Conference, Greenville, SC, September 2005
- 90<sup>th</sup> International Educational Conference, IAI, Dallas, TX, August 2005
- Forensic Tire Impression Identification, Lawren Nause, Dallas, TX, August 2005
- ASCLD/LAB-*International* Assessor Training Course, Columbia, SC, March 2005
- Forensic Training Seminar, SCIAI, Columbia, SC, September 2004
- Shooting Reconstruction Workshop, Edward Hueske, Columbia, SC, July 2004
- Behavioral Analysis of Crime Scenes, Mike Prodan, Columbia, SC, June 2004
- Forensic Footwear Impression Evidence, Dwane Hilderbrand, Columbia, SC, March 2004
- Practical Homicide Investigation, Vernon Geberth, Nashville, TN, February 2004
- Forensic Ridgeology Course, David Ashbaugh, RCMP, Atlanta, GA, June 2003
- Ridgeology Science Workshop, Kasey Wertheim, April-May 2003
- Footwear and Tire Track Evidence, Ernest Hamm, SCIAI, February 2003
- SCIAI Annual Educational Conference, Columbia, SC, September – October 2002
- NCIAI Fall Training Conference, Asheville, NC, September 2002
- 87<sup>th</sup> International Educational Conference, IAI, Las Vegas, NV, August 2002
- *Daubert* Seminar, Stephen Meagher (FBI), SCIAI, July 2002
- Case Studies from the Mountains to the Sea, SCIAI, April 2002

- NCIAI Spring Training Conference, Greensboro, NC, March 2002
- Forensic Applications of DNA, Steve Lambert and Gray Amick, Columbia, SC, February 2002
- Forensic Aspects of Criminal Investigation, SCIAI, October 2001
- Advanced Bloodpattern Analysis, Jerry Findley, Columbia, SC, October 2001
- Forensic Photography, SCIAI, August 2001
- 86<sup>th</sup> International Educational Conference, IAI, Miami, FL, July 2001
- Courtroom Testimony, Robert D. Moran (FBI), Columbia, SC, June 2001
- Interview and Interrogation Techniques, Elliott Willis (SCDPS), Columbia, SC, February 2001
- Forensic Entomology, Federal Bureau of Investigation, October 2000
- Pathology of Gunshot Wounds, S. Erin Presnell, MD, Columbia, SC, September 2000
- Administrative Advanced Latent Fingerprints Course, FBI Academy, Quantico, VA, August 2000
- Aspects of Forensic Odontology, Dr. Edward Herschaft, Columbia, SC, January 2000
- Footwear/Tire Track Examinations, Ernest Hamm, Columbia, SC, December 1999
- Child Abduction Murder Investigation, Washington State Attorney General, Columbia, SC, October 1999
- Behavioral Aspects of Crime Scene Reconstruction, Mike Prodan, Myrtle Beach, SC, September 1999
- Tracks at Crime Scenes, Ernest Hamm, Columbia, SC, May 1999
- Introduction to Death Scene Reconstruction, Jerry Findley, Columbia, SC, March 1999
- Expert Witness in the Courtroom, SCIAI, December 1998
- Mass Fatality Incident Response, SCIAI, September 1998
- Evidence Collection and Preservation, SCIAI, July 1998
- 83<sup>RD</sup> International Educational Conference, IAI, Little Rock, AR, July 1998
- Basic Fingerprint Techniques, FBI, Columbia, SC, April 1998
- Forensic Pathology and the Crime Scene Investigator, Columbia, SC, January 1998
- Advanced Palm Print Identification, Ron Smith, Salemburg, NC, November 1997
- FBI Bombing Investigator Seminar, Columbia, SC, September 1997
- Skeletal Recovery Workshop, Columbia, SC, May 1997
- Educational Seminar, SCIAI, March, 1997 and October 1996
- Bloodpattern Analysis, Jerry Findley, Columbia, SC, September 1996
- FBI Advanced Fingerprint School, Columbia, SC, May 1996
- Law Enforcement Photography, Columbia, SC, August 1995
- Basic Fingerprint School, Columbia, SC, April 1995
- Basic Law Enforcement, SC Criminal Justice Academy, January – March 1994

### **Courtroom Experience**

Qualified/testified as an expert witness in Federal and State courts (CA, SC, NC, TX, MA, MD TN, GA, FL, VA, Puerto Rico, St. Thomas and St. Croix) in the following disciplines:

Fingerprint Examination  
 Crime Scene Investigation  
 Footwear/Tire Track Examination  
 Bloodstain Pattern Analysis  
 Fabric Impression Examination  
 Drug Analysis

### **Professional Affiliations**

International Association for Identification (IAI)

South Carolina Division of the IAI (SCIAI)

## **Certifications**

Certified Footwear Examiner, IAI  
Certified Senior Crime Scene Analyst, IAI

## **Awards**

Distinguished Member Status, IAI, 2007

## **Publications**

AAAS, *Forensic Science Assessments: A Quality and Gap Analysis – Latent Fingerprint Examination*, (Report prepared by William Thompson, John Black, Anil Jain and Joseph Kadane), September 2017.  
DOI:10.1126/srhl.aag2874

“Is There a Need for 100% Verification (Review) of Latent Print Examination Conclusions?” *Journal of Forensic Identification*, 2012, 62 (1), 80 – 100.

“Explaining the Concept of Sufficiency to Non-Practitioners” *Evidence Technology Magazine*, Volume 9, Number 6, Nov.-Dec. 2011, p. 8.

“Friction Ridge Examination (Fingerprints): Evaluating the Extent and Scope of “Verification” in Analysis Comparison Evaluation and Verification (ACE-V).” December 2010. In: WILEY ENCYCLOPEDIA OF FORENSIC SCIENCE. John Wiley & Sons Ltd, Chichester.  
<http://onlinelibrary.wiley.com/book/10.1002/9780470061589.fsa1017>

“Pilot Study: The Application of ACE-V to Simultaneous (Cluster) Impressions,” *Journal of Forensic Identification*, 2006, 56 (6), 933 – 971.

“An Interesting Case Involving Footwear Distribution Information,” *Journal of Forensic Identification*, 2005, 55 (4), 499 – 502.

## **Training Provided**

Courtroom Testimony Techniques, Collinsville, MS, July 2022  
Essential Ridgeology Concepts, Lakewood, CO, June-July 2022  
Essential Ridgeology Concepts, Newman Lake, WA, June 2022  
Examination of Simultaneous Impressions, Colorado Springs, CO, May 2022  
Essential Ridgeology Concepts, New York, NY, April 2022  
Introduction to the Science of Friction Ridge Examination, Carthage, NC, April 2022  
Fundamentals of Crime Scene Examination & Evidence Collection, West Des Moines, IA, March 2022  
Examination of Simultaneous Impressions, Newman Lake, WA, March 2022  
Courtroom Testimony Techniques, Collinsville, MS, February 2022  
Essential Ridgeology Concepts, Sacramento, CA, January 2022  
Essential Ridgeology Concepts, Sumter, SC, January 2022  
Latent Print Ethics and Courtroom Testimony, Albany, NY, January 2022  
Introduction to the Science of Friction Ridge Examination, Lewisville, TX, December 2021

Essential Ridgeology Concepts, Kissimmee, FL, December 2021  
Essential Ridgeology Concepts, New York, NY, November 2021  
Essential Ridgeology Concepts, Napa, CA, October 2021  
Understanding Exclusion & Sufficiency Decisions, Colorado Springs, CO, October 2021  
Introduction to the Science of Friction Ridge Examination, Newport Beach, CO, September 2021  
Forensic Examination of Violent Crime Scenes, Rock Hill, SC, August 2021  
EAC Fingerprint Training, Fort Bragg, NC, August 2021  
Understanding Exclusion & Sufficiency Decisions, Albany, NY, July 2021  
Understanding Exclusion & Sufficiency Decisions, Houston, TX, July 2021  
Crime Scene Certification Training, United Arab Emirates, May-June 2021  
Introduction to the Science of Friction Ridge Examination, Maynard, MA, May 2021  
Courtroom Testimony Techniques – webinar, April 2021  
Examination of Simultaneous Impressions, Ocala, FL, March 2021  
Courtroom Testimony Techniques – webinar, January 2021  
Fundamentals of Drug-Related Crime Scene Investigation, Johnston, IA, December 2020  
Ethics/Courtroom Testimony Techniques – webinar, November 2020  
Essential Ridgeology Concepts, Philadelphia, PA, October 2020  
Courtroom Testimony Techniques – webinar, August 2020  
Digital Crime Scene & Evidence Photography, Springfield, MO, July 2020  
The Analysis & Comparison of Footwear Impression Evidence, Maynard, MA, June 2020  
Emerging Issues in Forensic Fingerprint Examination, Stetson School of Law, May 2020  
Ethics and Courtroom Testimony Techniques, Albany, NY, February 2020  
Courtroom Testimony Techniques, Nashville, TN, January 2020  
Understanding Exclusion and Sufficiency Decisions, Seattle, WA, November 2019  
Understanding Exclusion and Sufficiency Decisions, Raleigh, NC, October 2019  
Courtroom Testimony Techniques, Oceanside, CA, October 2019  
Fundamentals of Crime Scene Investigation, West Des Moines, IA, October 2019  
Examination of Simultaneous Impressions, Northville, MI, October 2019  
Understanding Exclusion and Sufficiency Decisions, Irvine, CA, September 2019  
Courtroom Testimony Techniques, Florence, KY, August 2019  
Understanding Exclusion and Sufficiency Decisions, Bowling Green, OH, June 2019  
Crime Scene & Evidence Photography, Charleston, SC, May 2019  
North Carolina Division of the IAI, Asheville, NC, May 2019  
Understanding Exclusion and Sufficiency Decisions, Baton Rouge, LA, May 2019  
Essential Ridgeology Concepts, Lakewood, CO, April 2019  
South Carolina Division of the IAI, Greer, SC, April 2019  
Chesapeake Bay Division of the IAI, Richmond, VA, April 2019  
Ethics in Latent Print Examination, Albany, NY, March 2019  
Forensic Examination of Violent Crime Scenes, Portland, OR, February 2019  
Fundamentals of Drug Crime Scene Investigation, Johnston, IA, January 2019  
Understanding Exclusion and Sufficiency Decisions, Grand Prairie, TX, December 2018  
Examination of Simultaneous Impressions, Seattle, WA, November 2018  
Essential Ridgeology Concepts, Minneapolis, MN, September 2018  
Courtroom Testimony for Law Enforcement and Forensic Personnel, Greenville, SC, September 2018  
Courtroom Testimony for Law Enforcement and Forensic Personnel, Charleston, SC, August 2018  
Understanding Exclusion and Sufficiency Decisions, St. Louis, MO, July 2018  
Understanding Exclusion and Sufficiency Decisions, Cleveland, OH, June 2018  
Essential Ridgeology Concepts, Frisco, TX, June 2018  
Essential Ridgeology Concepts, Escondido, CA, May 2018  
The ABCs of Crime Scene Investigation, Manning, SC, April 2018

Courtroom Testimony for Law Enforcement and Forensic Personnel, Columbia, SC, February 2018  
Essential Ridgeology Concepts, Albany, NY, February 2018  
Crime Scene & Evidence Photography, Lexington, SC, January 2018  
Essential Ridgeology Concepts, St. Louis, MO, January 2018  
Fingerprint Training, Marines LE, Largo, FL, January 2018  
Essential Ridgeology Concepts, Honolulu, HI, December 2017  
Essential Ridgeology Concepts, Torrance, CA, November 2017  
Understanding Exclusion and Sufficiency Decisions, Dedham, MA, October 2017  
Fingerprint Training, Marines LE, Largo, FL, October 2017  
Examination of Simultaneous Impressions, Fort Collins, CO, October 2017  
Issues in Forensic Fingerprint Examination, SC Public Defenders Conference, Myrtle Beach, September 2017  
Fingerprint Training, Marines LE, Camp Lejeune, NC, September 2017  
Understanding Exclusion and Sufficiency Decisions, Meridian, ID, August 2017  
Issues in Forensic Fingerprint Examination, 5<sup>th</sup> Circuit Public Defender's Office, Columbia, SC, July 2017  
Fingerprint Training, Navy EOD, Largo, FL, July 2017  
Crime Scene & Evidence Photography, Lake City, SC, June 2017  
Examination of Simultaneous Impressions, Austin, TX, June 2017  
Understanding Exclusion and Sufficiency Decisions, Atlanta, GA, May 2017  
Fingerprint Training, Marines LE, Largo, FL, May 2017  
Understanding Exclusion and Sufficiency Decisions, Torrance, CA, April 2017  
North Carolina Division of the IAI, Wrightsville Beach, NC, April 2017  
Fingerprint Training, MARSOC support, Palm Springs, CA, April 2017  
Essential Ridgeology Concepts, Minneapolis, MN, April 2017  
Fingerprint Training, Marines LE, Largo, FL, March 2017  
Understanding Exclusion and Sufficiency Decisions, Sanford, FL, March 2017  
Essential Ridgeology Concepts, Denver, CO, March 2017  
Fingerprint Training, MARSOC, Savannah, GA, January 2017  
Essential Ridgeology Concepts, Lansing, MI, December 2016  
Fingerprint Training, Marines LE, Largo, FL, November 2016  
Crime Scene & Evidence Photography, Lexington, SC, November 2016  
Understanding Exclusion and Sufficiency Decisions, New York, NY, October 2016  
Understanding Exclusion and Sufficiency Decisions, Mesa, AZ, October 2016  
Essential Ridgeology Concepts/Palm Prints, Beirut, Lebanon, September 2016  
Fingerprint Training, Marines LE, Largo, FL, September 2016  
Fingerprint Training, Marines LE, Largo, FL, August 2016  
Essential Ridgeology Concepts, Chattanooga, TN, August 2016  
Fingerprint Training, Marines LE, Largo, FL June 2016  
Understanding Exclusion and Sufficiency Decisions, Maynard, MA, June 2016  
Essential Ridgeology Concepts, Pasadena, CA, June 2016  
Fingerprint Training, Marines LE, Largo, FL May 2016  
Understanding Exclusion and Sufficiency Decisions, Washington, D.C. May 2016  
Understanding Exclusion and Sufficiency Decisions, Edmonton, Alberta, Canada, April 2016  
Fingerprint Training, Marines LE, Largo, FL, April 2016  
Crime Scene & Evidence Photography, Washington, D.C., April 2016  
Understanding Exclusion and Sufficiency Decisions, Dublin, CA April 2016  
Fingerprint Training, Navy EOD, Largo, FL March 2016  
Fingerprint Training, Marines LE, Largo, FL March 2016  
Crime Scene & Evidence Photography, Columbia, SC February 2016  
Essential Ridgeology Concepts, Bourne, MA, February 2016  
Fingerprint Training, Marines LE, Largo, FL, February 2016

Essential Ridgeology Concepts, San Jose, Costa Rica, January 2016  
Crime Scene & Evidence Photography, Columbia, SC, January 2016  
Understanding Exclusion and Sufficiency Decisions, Clearwater, FL, December 2015  
Essential Ridgeology Concepts, Alachua, FL, December 2015  
Fingerprint Training, Marines LE, Largo, FL, November 2015  
Understanding Exclusion and Sufficiency Decisions, Las Vegas, NV, November 2015  
Essential Ridgeology Concepts, Hattiesburg, MS, October 2015  
Understanding Exclusion and Sufficiency Decisions, Burien, WA, October 2015  
Fingerprint Training, Navy EOD, Largo, FL, September 2015  
Understanding Exclusion and Sufficiency Decisions, Carlsbad, CA, September 2015  
Fingerprint Training, Marines LE, Largo, FL, August 2015  
Fingerprint Training, Marines LE, Largo, FL, July 2015  
Understanding Exclusion and Sufficiency Decisions, Manheim, PA, July 2015  
Fingerprint Training, Marines LE, Largo, FL, June 2015  
Examination of Simultaneous Impressions, Decatur, GA, June 2015  
Understanding Exclusion and Sufficiency Decisions, Milwaukee, WI, June 2015  
Fingerprint Training, Marines LE, Largo, FL, May 2015  
Essential Ridgeology Concepts, Nashville, TN, May 2015  
Understanding Exclusion and Sufficiency Decisions, Anaheim, CA, April 2015  
“CSI...The Real World”, University of South Carolina, Dept. of Chemistry, Columbia, April 2015  
Understanding Exclusion and Sufficiency Decisions, Denver, CO, April 2015  
Understanding Exclusion and Sufficiency Decisions, Clarksburg, WV, April 2015  
Fingerprint Training, Marines LE, Largo, FL, March 2015  
Examination of Simultaneous Impressions, Santa Ana, CA, March 2015  
Fingerprint Training, Navy EOD, Largo, FL, March 2015  
Fingerprint Training, Marines LE, Largo, FL, February 2015  
Essential Ridgeology Concepts, Jacksonville, FL, February 2015  
Understanding Exclusion and Sufficiency Decisions, Sugar Land, TX, February 2015  
Fingerprint Training, Marines LE, Largo, FL, January 2015  
Understanding Exclusion and Sufficiency Decisions, Olathe, KS, December 2014  
Fingerprint Training, MARSOC, Camp Lejeune, NC, December 2014  
Fingerprint Training, Marines LE, Largo, FL, November 2014  
Understanding Exclusion and Sufficiency Decisions, Clackamas, OR, October 2014  
Fingerprint Training, Marines LE, Largo, FL, October 2014  
Essential Ridgeology Concepts, FBI/CJIS, Clarksburg, WV, August 2014  
Fingerprint Training, Marines LE, Largo, FL, August 2014 (2 classes)  
Fingerprint Training, Marines LE, Largo, FL, July 2014  
Examination of Simultaneous Impressions, Lansing, MI, July 2014  
Understanding Exclusion and Sufficiency Decisions, Fort Lauderdale, FL, June 2014  
Fingerprint Training, Marines LE, Largo, FL, June 2014  
Essential Ridgeology Concepts, Kingston, RI, June 2014  
Fingerprint Training, Marines LE, Largo, FL, May 2014  
Understanding Exclusion and Sufficiency Decisions, Tucson, AZ, April 2014  
Essential Ridgeology Concepts, Minneapolis, MN, April 2014  
Fingerprint Training, Navy EOD, Largo, FL, March 2014  
Fingerprint Training, Marines LE, Largo, FL, March 2014 (2 classes)  
Fingerprint Training, Marines LE, Largo, FL, February 2014 (2 classes)  
Fingerprint Training, Marines LE, Largo, FL, January 2014  
Examination of Simultaneous Impressions, West Palm Beach, FL, January 2014  
Essential Ridgeology Concepts, London, OH, December 2013

Fingerprint Training, Marines LE, Largo, FL, November 2013  
Florida Division of the IAI, Miami, FL, October 2013  
Essential Ridgeology Concepts, Burien, WA, October 2013  
Violent Crime Scenes workshop, Ohio Division of the IAI, Columbus, OH, September 2013  
Fundamentals of Crime Scene Investigation and Evidence Collection, Hutchinson, KS, September 2013  
Essential Ridgeology Concepts, Sandy, UT, August 2013  
Fingerprint Training, Marines LE, Largo, FL, July 2013  
Essential Ridgeology Concepts, Tustin, CA, July 2013  
Fingerprint Training, Marines LE, Largo, FL, June 2013  
Examination of Simultaneous Impressions, Glendale, CA, June 2013  
Fingerprint Training, Marines LE, Largo, FL, May 2013  
Essential Ridgeology Concepts, Denver, CO, May 2013  
Examination of Simultaneous Impressions, Clearwater, FL, April 2013  
Examination of Simultaneous Impressions, Hawthorne, CA, April 2013  
Fingerprint Training, Marines LE, Largo, FL, April 2013  
Examination of Simultaneous Impressions, Torrance, CA, March 2013  
Fingerprint Training, Marines LE, Largo, FL, March 2013  
Essential Ridgeology Concepts, Los Angeles, CA, March 2013  
Fingerprint Training, Navy EOD, Largo, FL, February 2013  
FDLE Discipline Meeting, Tallahassee, FL, February 2013  
Essential Ridgeology Concepts, Clarksburg, WV, February 2013  
Fingerprint Training, Marines LE, Largo, FL, January 2013  
Essential Ridgeology Concepts, Largo, FL, January 2013  
Essential Ridgeology Concepts, Greensboro, NC, November 2012  
Texas Criminal Defense Lawyers Association, Dallas, TX, October 2012  
Fingerprint Training, SOCOM, Largo, FL, September 2012  
Essential Ridgeology Concepts, Kansas City, MO, August 2012  
Fingerprint Training, SOCOM, Largo, FL, August 2012  
Impression and Pattern Evidence Symposium, NIJ, Clearwater Beach, FL, August 2012  
97<sup>th</sup> International Educational Conference, IAI, Phoenix, AZ, July 2012  
Fingerprint Training, NATO-SOF, Lens, Belgium, June 2012  
American Bar Association, Prescription for Criminal Justice Forensics, New York, NY, June 2012  
Fundamentals of Crime Scene Investigation and Evidence Collection, Johnston, IA, May 2012  
Fingerprint Training, SOCOM, Largo, FL, April 2012  
Intermediate Crime Scene Investigation, NFSTC, Largo, FL, April 2012  
Examination of Simultaneous Impressions, Spokane Valley, WA, April 2012  
Examination of Simultaneous Impressions, Clackamas, OR, March 2012  
Fingerprint Training, SOCOM, Largo, FL, March 2012  
Essential Ridgeology Concepts, San Bernardino, CA, February 2012  
Intermediate Crime Scene Investigation, NFSTC, Largo, FL, February 2012  
Fingerprint Training, SOCOM, Largo, FL, January 2012  
Examination of Simultaneous Impressions, Escondido, CA, January 2012  
Essential Ridgeology Concepts, Boston, MA, November 2011  
Essential Ridgeology Concepts, Clarksburg, WV, October 2011  
Tri-Division IAI Conference, Tucson, AZ, October 2011  
Examination of Simultaneous Impressions, New York, NY, September 2011  
Forensic Examination of Violent Crime Scenes, Phoenix, AZ, August 2011  
WVU Forensic Science Initiative, Jackson Hole, WY, August 2011  
96<sup>th</sup> International Educational Conference, IAI, Milwaukee, WI, August 2011  
Examination of Simultaneous Impressions, Mesa, AZ, July 2011



Forensic Examination of Violent Crime Scenes, Lakewood, CO, June 2011  
Examination of Simultaneous Impressions, Glendale, CA, June 2011  
Fingerprint Training, SOCOM, Largo, FL, 2011  
Essential Ridgeology Concepts, Lafayette, LA, May 2011  
Current Issues in the Science of Fingerprints, Albany, NY, May 2011  
Examination of Simultaneous Impressions, Kansas City, MO, April 2011  
Essential Ridgeology Concepts, Chantilly, VA, April 2011  
Fingerprint Society Conference, United Kingdom, April 2011  
Essential Ridgeology Concepts, Ames, IA, February 2011  
Essential Ridgeology Concepts, Largo, FL, February 2011  
Essential Ridgeology Concepts, USACIL, Meridian, MS, November 2010  
Florida Division of the IAI, St. Petersburg, October 2010  
Essential Ridgeology Concepts, West Covina, CA, September 2010  
WVU Forensic Science Initiative, Boston, MA, August 2010  
NIJ Pattern Evidence Symposium, Clearwater, FL, August 2010  
95<sup>th</sup> International Educational Conference, IAI, Spokane, WA, July 2010  
Intermediate Palm Print Training with and Introduction to the ACE-V Methodology, Kenitra, Morocco, 2010  
Fundamentals of Crime Scene Investigation and Evidence Collection, Lincoln, NE, 2010  
Essential Ridgeology Concepts, Largo, FL, 2010  
Essential Ridgeology Concepts, New York, NY, 2010  
Essential Ridgeology Concepts, Los Angeles, CA, 2010  
Forensic Examination of Violent Crime Scenes, Boston, MA, April 2010  
Chesapeake Bay Division of the IAI, Virginia Beach, VA, 2010  
Ridgeology Concepts in Friction Ridge Examination, Largo, FL, 2010  
Fingerprint Training, SOCOM, Largo, FL, 2010  
Fundamentals of Crime Scene Investigation and Evidence Collection, Johnston, IA, 2010  
Essential Ridgeology Concepts, Jefferson City, MO, 2009  
Essential Ridgeology Concepts (two classes), Albany, NY, 2009  
Essential Ridgeology Concepts, Seattle, WA, 2009  
Ridgeology Concepts in Friction Ridge Examination, MI, 2009  
Fingerprint Training, SOCOM, Largo, FL, 2009  
Intermediate Palm Print Training with and Introduction to the ACE-V Methodology, Rabat, Morocco, 2009  
Essential Ridgeology Concepts, Houston, TX, 2009  
Essential Ridgeology Concepts, West Covina, CA, 2009  
Fundamentals of Crime Scene Investigation/Introduction to Bloodstain Pattern Analysis, Maynard, MA, 2009  
Advanced Ridgeology Concepts, NFSTC, Largo, FL, 2009  
Fundamentals of Crime Scene Investigation and Evidence Collection, Post Falls, ID, 2009  
Essential Ridgeology Concepts, West Valley City, UT, 2009  
Forensic Examination of Violent Crime Scenes, Rio Rancho, NM, 2009  
Essential Ridgeology Concepts, NFSTC, Largo, FL, 2009  
Fundamentals of Crime Scene Investigation and Evidence Collection, Johnston, IA, 2009  
Forensic Examination of Violent Crime Scenes, Humble, TX, 2009  
Fundamentals of Crime Scene Investigation and Evidence Collection, Columbus, MS, 2008  
Forensic Examination of Violent Crime Scenes, Columbia, SC, 2008  
Advanced Crime Scene Techniques, Holland, MI, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Camdenton, MO, 2008  
Essential Ridgeology Concepts, NFSTC, Largo, FL, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Austin, TX, 2008  
Forensic Examination of Violent Crime Scenes, Lansing, MI, 2008  
Advanced Palm Print Comparison Techniques (with Ron Smith), Louisville, KY, 2008

Fundamentals of Crime Scene Investigation and Evidence Collection, Johnston, IA, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Miles City, MT, 2008  
International Forensic Science Academy, Hattiesburg, MS 2008  
Louisiana Division IAI Conference, Baton Rouge, LA 2008  
Forensic Examination of Violent Crime Scenes, Phoenix, AZ, 2008  
Advanced Crime Scene Techniques, Scottville, MI, 2008  
California State Division IAI Conference, Ontario, CA, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Boston, MA, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Johnston, IA, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Concord, NH, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Rio Rancho, NM, 2008  
Fundamentals of Crime Scene Investigation and Evidence Collection, Mesa, AZ, 2007  
Tri-Division (IAI) Fall Educational Conference, Salt Lake City, UT, 2007  
Fundamentals of Crime Scene Investigation and Evidence Collection, Lakewood, CO, 2007  
Collection of Footwear and Tire Tread Standards Workshop, MDIAI, Hattiesburg, MS, 2007  
Advanced Palm Print Comparison Techniques (with Ron Smith), San Diego, CA, 2007  
Fundamentals of Crime Scene Investigation and Evidence Collection, New Braintree, MA, 2007  
PNWDIAI Annual Education and Training Conference, Tacoma, WA, 2007  
Fundamentals of Crime Scene Investigation and Evidence Collection, Conway, SC, 2007  
Impression Evidence Workshop, MDIAI, Olive Branch, MS, 2007  
Impression Evidence Workshop, University of Southern Mississippi, Hattiesburg, MS, 2007  
Advanced Palm Print Comparison Techniques (with Ron Smith), Nashville, TN, 2007  
Fundamentals of Crime Scene Investigation and Evidence Collection, Lansing, MI, 2007  
INIAI Annual Educational Conference, Indianapolis, IN, 2006  
91<sup>st</sup> International Educational Conference, IAI, Boston, MA, 2006  
Crime Scene Investigation/Physical Evidence Workshop, Kingstree, SC, 2006  
GAIAI/FDIAI Conference, Panama City, FL, 2005  
90<sup>th</sup> International Educational Conference, IAI, Dallas, TX, 2005  
Palmetto State Law Enforcement Officers Association, Santee, SC, 2005  
SCIAI Educational Seminar, Columbia, SC, 2005  
University of South Carolina, Dept. of Chemistry, Columbia, SC, 2005  
Hawaii Inter-County Detectives Conference, Kauai, HI, 2003  
South Carolina Coroners School, Columbia, SC, 2003  
Sumter Police Department In-Service, Sumter, SC, 2003  
NCIAI Fall Training Conference, Asheville, NC, 2002  
87<sup>th</sup> International Educational Conference, IAI, Las Vegas, NV, 2002  
NCIAI Spring Training Conference, Greensboro, NC, 2002  
SCIAI Annual Conference, Columbia, SC, 2001  
SCCJA Regional Training, various locations in SC, 2001-2002  
86<sup>th</sup> International Educational Conference, IAI, Miami, FL, 2001  
Forensic Seminar, SLED Forensic Services Laboratory, Columbia, SC  
Medical University of South Carolina – Dept. of Forensic Pathology, Charleston, SC  
National Advocacy Center, Columbia, SC  
Law Enforcement Photography School, SCCJA, Columbia, SC  
Beaufort County Sheriff's Office – Crime Scene School - Hilton Head, SC and Beaufort, SC  
Ninety Six Police Department In-Service, Ninety Six, SC  
Horry County Police Department In-Service, Conway, SC  
University of South Carolina – Dept. of Chemistry, Columbia, SC  
Coastal Carolina University – Dept. of Chemistry, Conway, SC

### **Special Committee Appointments**

Latent Print Working Group, American Association for the Advancement of Science, 2015 – 2017

Friction Ridge Subcommittee, Organization of Scientific Area Committees, 2014 – present

- Task Group Chair – “Best Practice Recommendations for Technical Review in Friction Ridge Examination”; “Best Practice Recommendations for the Verification Component in Friction Ridge Examination”; “Best Practice Recommendation for Testimony Monitoring”
- Task Group Member – “Standard for Friction Ridge Examination Training Program”

IAI Ethics Committee, 2007 – 2008

### **Organizational Positions Held**

IAI Footwear and Tire Track Examination Subcommittee (2010 – 2013)

Scientific Working Group on Friction Ridge Analysis, Study and Technology (2007 – 2011)

IAI Editorial Review Board, *Journal of Forensic Identification* (2001 – 2013)

IAI Crime Scene Certification Board (2004 – 2009)

Technical Lead, Latent Print/Crime Scene Department, SC Law Enforcement Division (2005 – 2006)

South Carolina Division IAI, President (2001-2002)

### **Training Manuals Written**

Courtroom Testimony for Law Enforcement and Forensic Personnel, Black & White Forensics, 2018

The ABCs of Crime Scene Investigation, Black & White Forensics, 2018

Crime Scene & Evidence Photography, Black & White Forensics, 2015

Understanding Exclusion and Sufficiency Decisions, Ron Smith and Associates, Inc., 2014

Examination of Simultaneous Impressions, Ron Smith and Associates, Inc., 2011 (revised 2014)

Essential Ridgeology Concepts, Ron Smith and Associates, Inc., 2008 (revised 2011, 2013)

Forensic Examination of Violent Crime Scenes, Ron Smith and Associates, Inc., 2008

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