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Ron Smith & Associates, Inc.

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Curriculum Vitae John P. Black

Professional Specialties

Latent Print Examination / Footwear/Tire Track Examination / Crime Scene Examination / Bloodstain Pattern Analysis

Experience

- 2010 – Present Forensic Supervisor, Supervision of daily operations/Forensic instruction/Impression evidence casework (latent prints, footwear, and tire track)
Ron Smith and Associates, Inc., Largo, FL
- 2007 – 2009 Senior Consultant, Impression evidence casework, Forensic instruction
Ron Smith and Associates, Inc., Collinsville, MS
- 1993 - 2006 Senior Agent/Criminalist, Latent Print Examination / Footwear/Tire Track Examination
Crime Scene Examination / Bloodstain Pattern Analysis / Courtroom testimony
South Carolina Law Enforcement Division, Columbia, SC
- 1991 – 1993 Forensic Chemist, Analysis of controlled substances/courtroom testimony
U.S. Drug Enforcement Administration, Miami, FL

Education

1986 – 1990 B.S., Forensic Chemistry, Ohio University

Training Received

- 98th 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
- 97th International Educational Conference, IAI, Phoenix, AZ, July 2012
- 96th International Educational Conference, IAI, Milwaukee, WI, August 2011

- “Complex Latent Print Sufficiency: The Threshold?” Julie Brownfield, August 2011
- 95th 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
- 94th 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
- 93rd International Educational Conference, IAI, Louisville, KY, August 2008
- Shooting Reconstruction, MDIAI Spring Conference, Olive Branch, MS, 2008
- 92nd International Educational Conference, IAI, San Diego, CA, July 2007
- The BTK Killings, MDIAI Spring Conference, Olive Branch, MS, April 2007
- 91st 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
- 90th 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
- NCIAl Fall Training Conference, Asheville, NC, September 2002
- 87th 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
- NCIAl 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
- 86th 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
- 83RD 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 as an expert witness in State and Federal courts 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)

Florida Division IAI

Other Qualifications

Certified Latent Print Examiner, IAI

Certified Footwear Examiner, IAI

Certified Senior Crime Scene Analyst, IAI

Certified Technical Assessor, ASCLD/LAB-*International*

Awards

Distinguished Member Status, IAI, 2007

Dean's List, Ohio University, 1987 - 1990

Publications

“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.

Presentations

Fingerprint Training, Marines LE, Largo, FL, February 2014

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
97th 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
96th 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
95th International Educational Conference, IAI, Spokane, WA, July 2010
Intermediate Palm Print Training with and Introduction to the ACE-V Methodology, Kenitra, Morocco, Africa, 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, Africa, 2009
Essential Ridgeology Concepts, Houston, TX, 2009
Essential Ridgeology Concepts, West Covina, CA, 2009
Fundamentals of Crime Scene Investigation with an 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
91st International Educational Conference, IAI, Boston, MA, 2006
Crime Scene Investigation/Physical Evidence Workshop, Kingstree, SC, 2006
GAIAI/FDIAI Conference, Panama City, FL, 2005
90th 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
87th 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
86th 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

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 Leader, Latent Print/Crime Scene Department, South Carolina Law Enforcement Division
South Carolina Division IAI, President (2001-2002)

Manuals Written

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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