

CURRICULUM VITAE

Henry J. Swofford

OFFICE ADDRESS:

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EDUCATION:

2012 – 2013 **University of Florida, Gainesville, Florida.**
 Master of Science - Forensic Science (MSFS)
 Summa Cum Laude

2004 – 2008 **Georgia State University, Atlanta, Georgia.**
 Bachelor of Science
 Biology Major; Chemistry Minor
 Magna Cum Laude

PROFESSIONAL WORK EXPERIENCE:

Mar. 2018 – Present **HJS Consulting, LLC**
 Principal Analyst

Dec. 2014 – Sep. 2018 **U.S. Army Criminal Investigation Laboratory**
 Chief, Latent Print Branch

Mar. 2014 – Dec. 2014 **Defense Forensic Science Center**
 Quality Assurance Manager

Oct. 2008 – Mar. 2014 **U.S. Army Criminal Investigation Laboratory**
 Physical Scientist (Forensic Examiner)
 Research Coordinator, Latent Print Branch

Feb. 2010 – Dec. 2013 **BAC Tracker International, Inc.**
 Chief Executive Officer / Founder

Sep. 2003 – Oct. 2008 **Georgia Bureau of Investigation**
 Laboratory Technician

Nov. 2002 – Feb. 2003

**Athens / Clark County GA Police Department
Internship**

PROFESSIONAL AFFILIATIONS:

2019 – Present

**Forensic Research Committee
American Society of Crime Laboratory Directors
Member**

2018 – Present

**Editorial Review Board
Forensic Science International: Synergy
Member**

2017 – Present

**Organization for Scientific Area Committees (OSAC)
Friction Ridge Subcommittee (FRS)
Chair**

2017 – Present

**Organization for Scientific Area Committees (OSAC)
Physics/Pattern Scientific Area Committee (SAC)
Member**

2017 – Present

**Board of Directors
International Association for Identification
Member**

2016 – Present

**Academy Standards Board (ASB)
Friction Ridge Consensus Body
Member**

2014 – Present

**American Academy of Forensic Sciences
Fellow**

2013 – Present

**International Fingerprint Research Group
Member**

2011 – Present

**Editorial Review Board
Journal of Forensic Identification
Member**

2009 – Present

**International Association for Identification
Member**

2018 – Present

**American Society of Crime Laboratory Directors
Member**

2017 – 2018	Forensic Management Committee International Association for Identification Member
2014 – 2017	Organization for Scientific Area Committees (OSAC) Friction Ridge Subcommittee Vice Chair
2015 – 2016	Statistical and Applied Mathematical Sciences Institute Program on Statistics and Applied Mathematics in Forensic Science: Pattern Evidence Working Group Member
2015 – 2016	Probability Modeling Subcommittee International Association for Identification Member
2004 – 2016	GA Division-International Association for Identification Member
2011 – 2014	Forensic Identification Standards Committee International Association for Identification Member
2010 – 2013	Canadian Identification Society Member
2011 – 2012	Library Ambassadors Board Georgia State University Member
2007 – 2008	Southern Association of Forensic Scientists Member

CERTIFICATIONS:

2010 – Present	Latent Print Examiner International Association for Identification
2012 – 2017	Footwear Examiner International Association for Identification
2010 – 2015	Crime Scene Investigator International Association for Identification

SECURITY CLEARANCE:

Feb. 2015 – Present **TOP SECRET (TS/SCI)**
United States Government

Oct. 2008 – Feb. 2015 **SECRET**
United States Government

PUBLICATIONS (Peer Reviewed):

1. Koertner, A.J. and Swofford, H.J., (2018) Comparison of Latent Print Proficiency Tests with Latent Prints Obtained in Routine Casework Using Automated and Objective Quality Metrics. *Journal of Forensic Identification*. 68(3): 379-388.
2. Swofford, H.J., Koertner, A.J., Zemp, F., Ausdemore, M., Liu, A., and Salyards, M.J. (2018) A Method for the Statistical Interpretation of Friction Ridge Skin Impression Evidence: Method Development and Validation. *Forensic Science International*. 287:113-126.
3. Swofford, H.J. and Cino, J., (2018) Lay Understanding of 'Identification': How Jurors Interpret Forensic Identification Testimony. *Journal of Forensic Identification*. 68(1): 29-41.
4. Swofford, H.J. and Vosk T. (2017) Metrology Applied to Forensic Pattern Evidence Domains – A Call for More Forensic Science Metrology Principles. *IEEE Instrumentation & Measurement Magazine*. February 2017, 15-19.
5. Swofford, H.J., (2015) The Emerging Paradigm Shift in the Epistemology of Fingerprint Conclusions. *Journal of Forensic Identification*. 65(3): 201-213.
6. Busey, T.; Swofford, H.J.; Vanderkolk, J.; and Emerick, B. (2015) The Impact of Fatigue on Latent Print Examinations as Revealed by Behavioral and Eye Gaze Testing. *Forensic Science International*. 251: 202-208.
7. Swofford, H.J., Steffan, S., Warner, G., Bridge, C., and Salyards, J. (2013) Impact of Minutiae Quantity on the Behavior and Performance of Latent Print Examiners. *Journal of Forensic Identification*. 63(5): 571-591.
8. Swofford, H.J., Steffan, S., Warner, G., Bridge, C., and Salyards, J. (2013) Inter- and Intra-Examiner Variation in the Detection of Friction Ridge Skin Minutiae. *Journal of Forensic Identification*. 63(5): 553-570.
9. Swofford, H.J., Steffan, S., Bonar, D., and Paul, L. (2013) Development of Latent Fingerprints on Brass Cartridge Cases: Impact of Latent Print Development Using Acidified Hydrogen Peroxide on Forensic Firearm / Toolmark Examinations. *Journal of Forensic Identification*. 63(4): 359-368.

10. Guicheteau, J., Swofford H.J., Tripathi, A., Wilcox, P., Emmons, E., Christesen, S., Wood, J., and Fountain III, A.W. (2013) Sequential Raman Chemical Imaging and Biometric Analysis on Fingerprints for Rapid Identification of Threat Materials and Individuals. *Journal of Forensic Identification*. 63(1): 90-101.
11. Swofford, H.J., Ballard J., Beegle C., Harbin S., and Knaggs C. (2012) Latent Print Development Using Low Pressure Sublimation Vapor Deposition: Evaluation of a Prototype System. *Journal of Forensic Identification*. 62(6): 642-658.
12. Swofford, H.J. and Kovalchick A. (2012) Fingerprint Powders: Aerosolized Application Revisited. *Journal of Forensic Identification*. 62(2): 109-127.
13. Swofford, H.J. (2012) Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. *Journal of Forensic Identification*. 62(1): 62-79.
14. Swofford, H.J. and Schenck, R.A. (2011) Capecitabine Induced Hand and Foot Syndrome and the Reproducibility of Friction Skin. *Academic Forensic Pathology*. 1(4): 365-71.
15. Swofford, H.J. (2010) The Efficacy of Commercial vs. Non-Commercial Physical Developer Solutions and the Sequential Enhancement of Friction Ridge Impressions Using Potassium Iodide. *Journal of Forensic Identification* 60, 19-31.
16. Swofford, H.J. (2008) The Ontogeny of the Friction Ridge: A Unified Explanation of Epidermal Ridge Development with Descriptive Detail of Individuality. *Journal of Forensic Identification* 58, 682-695.
17. Swofford, H.J. (2005) Fingerprint Patterns: A Study on the Finger and Ethnicity Prioritized Order of Occurrence. *Journal of Forensic Identification* 55, 480-488.

PUBLICATIONS (Non-Peer Reviewed):

1. Swofford, H.J. (2011) How to Extrapolate Alcohol With Certainty. Forensic Magazine 8(4).
2. Swofford, H.J. and Hornickel, M. (2011) Cold Case Advantage: Vacuum Metal Deposition. *United States Army Criminal Investigation Laboratory Bulletin*.
3. Swofford, H.J. and Fletcher, J. (2010) Potential Cross Contamination of DNA Evidence Involving Fingerprint Brushes. *United States Army Criminal Investigation Laboratory Bulletin*.

4. Swofford H.J. and Kovalchick A. (2009) Developing Latent Fingerprints: Using Old Ideas with New Technology. *United States Army Criminal Investigation Laboratory Bulletin*.
5. Swofford, H.J. (2009) Alcohol in the 21st Century: New Standards, New Technology. Forensic Magazine 6(3).
6. Posey, D. and Swofford, H.J. (2008) Understanding the Complex Nature and the Uncertainties Inherent in Alcohol Metabolism Using Computer Software. *DWI Journal: Law and Science* 23(3), 1-8.
7. Swofford, H.J. (2008) Estimating Blood Alcohol Concentration. Forensic Magazine 5(3).
8. Swofford, H.J. (2008) Estimating Blood Alcohol Levels: Accounting for the Uncertainties in Alcohol Metabolism Using Computer Software. Forensic Magazine 2(7).

PRESENTATIONS (By Invitation):

1. Swofford, H.J. Friction Ridge Subcommittee Update: Strategic Priorities and Progress, Friction Ridge Subcommittee, Organization for Scientific Area Committees for Forensic Science (OSAC). Southern California Association of Fingerprint Officers (SCAFO). San Diego, California, U.S.A. October 2019.
2. Swofford, H.J.; Cole, S. Analysis of Forensic Testimony and Reports: Survey of Fingerprint Examiners on Probabilistic Reporting Standards. Southern California Association of Fingerprint Officers (SCAFO). San Diego, California, U.S.A. October 2019.
3. Swofford, H.J.; Koertner A.J. A Comparison of Latent Print Proficiency Tests with Latent Prints Obtained in Routine Casework Using Automated and Objective Quality Metrics. Southern California Association of Fingerprint Officers (SCAFO). San Diego, California, U.S.A. October 2019.
4. Swofford, H.J. Statistical Interpretation Software for Friction Ridge Skin Impressions (*FRStat*) Workshop. Southern California Association of Fingerprint Officers (SCAFO). San Diego, California, U.S.A. October 2019.
5. Swofford, H.J. Similarity-Based Quantification and Applications to Forensic Evidence. Forensic Science Division, Cook County Public Defender's Office. Chicago, IL, U.S.A. March 2019.

6. Swofford, H.J. Litigating Fingerprint Evidence: Ensuring a Sound Scientific Foundation. Minnesota Public Defenders Professional Development Meeting. Brainerd, MN, October 2018.
7. Swofford, H.J. "Identification" Roundtable (Panel Discussion). 18th Annual Meeting of the European Network of Forensic Science Institutes (ENFSI) Fingerprint Working Group. Lausanne, Switzerland, September 2018.
8. Swofford, H.J. Litigating Fingerprint Evidence: Ensuring a Sound Scientific Foundation. Forensic Conference. National Association of Criminal Defense Lawyers and Cardozo Law School. New York City, NY, U.S.A. June 2018.
9. Swofford, H.J. Litigating Fingerprint Evidence: Ensuring a Statistical Foundation. Ninth Annual Prescriptions for Criminal Justice Forensics Program, American Bar Association, Fordham University School of Law Lincoln Center, New York City, NY, U.S.A. May 2018.
10. Swofford, H.J., Hunt, T., King, P., Stolorow, M., and Loudon-Brown, M. To Err is Human (Panel Discussion). From the Crime Scene to the Courtroom: The Future of Forensic Science Reform. Georgia State University College of Law. Atlanta, Georgia, U.S.A. April 2018.
11. Swofford, H.J. Statistics in the Crime Lab: Towards Reform – Implementing Stronger Scientific Foundations, Statistical Thinking, and Cultural Change. Forensics, Statistics, and the Law Conference. Center for Statistics and Applications in Forensic Science. University of Virginia. Charlottesville, Virginia, U.S.A. March 2018.
12. Swofford, H.J. & Wortman, T.M. Technology Transition Workshop: Friction Ridge Statistical Interpretation Software (*FRStat*). Arizona Forensic Science Speaker Series. Phoenix, AZ, U.S.A. September 2017.
13. Swofford, H.J. & Koertner, A.J. Technology Transition Workshop: Friction Ridge Statistical Interpretation Software (*FRStat*). New York Office of Criminal Justice Services. Albany, NY, September 2017.
14. Swofford, H.J. Friction Ridge Statistical Interpretation Software (*FRStat*). IRS Laboratory. Chicago, IL, August 2017.
15. Swofford, H.J. Friction Ridge Statistical Interpretation Software (*FRStat*). FBI Laboratory. Quantico, VA, June 2017.
16. Swofford, H.J. Towards Reform: Demonstrating Validity in Fingerprint Examinations. Forensic Conference. National Association of Criminal Defense Lawyers and Cardozo Law School. New York City, NY, June 2017.

17. Swofford, H.J. Towards Reform: Demonstrating Validity in Fingerprint Examinations. Forensic Conference. Presented by the Cook County Public Defender's Office and Loyola Law School. Chicago, IL, June 2017.
18. Swofford, H.J. Towards Reform: Latent Print Examination and Testimony. Innocence Project. New York City, NY, December 2016.
19. Swofford, H.J. A New Paradigm for Fingerprint Reporting . . . Without Individualization. Forensic Technology Center of Excellence, (live online webinar), July 2016.
20. Swofford, H.J. Integrating Quantitative Approaches into Practice: Method Development, Validation and Implementation. International Symposium on Likelihood Ratio Methods. Netherlands Forensic Institute, The Hague, Netherlands, May 2016.
21. Swofford, H.J., Koertner, A.J., and Salyards, M.J. Development and Evaluation of a Model to Quantify the Weight of Fingerprint Evidence. Statistical and Applied Mathematical Sciences Institute Program on Pattern Evidence Transition Workshop. Research Triangle Park, NC, U.S.A. May 2016.
22. Swofford, H.J. Towards Integrating Probabilistic Logic and Quantitative Data into Practice – Latent Print Examination. National Institute of Standards and Technology Technical Colloquium on Quantifying the Weight of Forensic Evidence. Gaithersburg, MD, U.S.A. May 2016.
23. Swofford, H.J. Integrating Statistical Thinking and Methods into Practice – Latent Print Examination. Center for Statistics and Applications to Forensic Evidence Florida Pattern Science and Statistics Workshop. West Palm Beach, FL, U.S.A. March 2016.
24. Swofford, H.J. Fingerprint Examination and the Epistemic Rationale of Claims to Single Source Attribution. Southern California Association of Fingerprint Officers. Temecula, CA, U.S.A. October 2015.
25. Swofford, H.J.; Kovalchick, A.T.; and Ollis R.J. Management of False Negative Decisions by Latent Fingerprint Examiners. Southern California Association of Fingerprint Officers. Temecula, CA, U.S.A. October 2015.
26. Swofford, H.J., Koertner, A.J. and Salyards, J. Quantifiable Metrics to Assist in the Interpretation of Fingerprint Evidence. Southern California Association of Fingerprint Officers. Temecula, CA, U.S.A. October 2015.
27. Swofford, H.J. Fingerprint Examination and the Epistemic Rationale of Claims to Single Source Attribution. San Diego Regional Latent Print Study Group, (VTC presentation), San Diego, California, U.S.A. August 2015.

28. Swofford, H.J. *Justicia Per Scientia*. Biology Careers Seminar. Georgia State University. Atlanta, Georgia. U.S.A. April 2015.
29. Swofford, H.J. (Chair), Julie Brownfield, and Lorene Moore. Panel: Best Practices for Latent Print Examination. Pacific Northwest Division of the International Association for Identification Annual Meeting. Coeur D'Alene, Idaho. U.S.A. June 2014.
30. Swofford, H.J. Understanding Probability, Statistics, and Their Application to Fingerprint Evidence. Pacific Northwest Division of the International Association for Identification Annual Meeting. Coeur D'Alene, Idaho. U.S.A. June 2014.
31. Standardization of Latent Print "Suitability" Decisions: A Bayesian Approach. Pacific Northwest Division of the International Association for Identification Annual Meeting. Coeur D'Alene, Idaho. U.S.A. June 2014.
32. Swofford, H.J. and Maynard H.P. Understanding Probability, Statistics, and Their Application to Pattern & Impression Evidence. Southwestern Association of Forensic Scientists Annual Meeting. Santa Fe, New Mexico. U.S.A. October 2013.
33. Maynard H.P. and Swofford, H.J. Effective Research Proposal Grant Writing. Southern Association of Forensic Scientists Annual Meeting. Huntsville, Alabama. U.S.A. October 2013.
34. Swofford, H.J. and Maynard H.P. Understanding Probability, Statistics, and Their Application to Pattern & Impression Evidence. Southern Association of Forensic Scientists Annual Meeting. Huntsville, Alabama. U.S.A. October 2013.
35. Swofford, H.J. Use of AFIS to Generate Likelihood Ratios for Fingerprint Comparisons. AFIS Internet Conference. Cincinnati, Ohio, U.S.A. August 2013.
36. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Impact of Minutiae Quantity on the Behavior and Performance of Latent Print Examiners. AFIS Internet Conference. Cincinnati, Ohio, U.S.A. August 2013.
37. Swofford, H.J.; Guicheteau, J.A.; Tripathi, A.; Wilcox, P.; Emmons, E.; Christesen, S.; Wood, J.; and Fountain, A.W. Sequential Raman Chemical Imaging and Biometric Analysis on Fingerprints for Rapid Identification of Threat Materials and Individuals. AFIS Internet Conference. Cincinnati, Ohio, U.S.A. August 2013.
38. Swofford, H.J. Evaluation of Novel Technology to Augment AFIS searches. AFIS Internet Conference. Cincinnati, Ohio, U.S.A. August 2013.

39. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Impact of Minutiae Quantity on the Behavior and Performance of Latent Print Examiners. International Fingerprint Research Group. Jerusalem, Israel, June 2013.
40. Swofford, H.J. Litigation of Forensic Science Evidence: The Intersection of Law and Science. Evidence Law. Georgia State University College of Law. Atlanta, Georgia U.S.A. January 2013.
41. Swofford, H.J.; Knaggs, C.; Ballard, J.; Beegle, C.; Harbin, S. Latent Print Development Using Low Pressure Sublimation Vapor Deposition: Evaluation of a Prototype System. Research, Development, Testing & Evaluation (RDT&E) Working Group Meeting. Gillem Enclave, Forest Park, Georgia U.S.A. November 2012.
42. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Accuracy, Reliability and a Minimum Quantitative Basis for Latent Print Suitability Through Behavior and Performance of Latent Print Examiners. Georgia State Division of the International Association for Identification. Atlanta, Georgia U.S.A. June 2012.
43. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Inter- and Intra-Observer Variation in the Perception and Interpretation of Friction Skin Characteristics by Human Examiners. Georgia State Division of the International Association for Identification. Atlanta, Georgia U.S.A. June 2012.
44. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Accuracy, Reliability and a Minimum Quantitative Basis for Latent Print Suitability Through Behavior and Performance of Latent Print Examiners. California State Division of the International Association for Identification. San Diego, California U.S.A. May 2012.
45. Swofford, H.J.; Knaggs, C.; Ballard, J.; Beegle, C.; Harbin, S. Latent Print Development Using Low Pressure Sublimation Vapor Deposition: Evaluation of a Prototype System. California State Division of the International Association for Identification. San Diego, California U.S.A. May 2012.
46. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Inter- and Intra-Observer Variation in the Perception and Interpretation of Friction Skin Characteristics by Human Examiners. California State Division of the International Association for Identification. San Diego, California U.S.A. May 2012.
47. Swofford, H.J.; Guicheteau, J.A.; Tripathi, A.; Wilcox, P.; Emmons, E.; Christesen, S.; Wood, J.; and Fountain, A.W. Sequential Raman Chemical Imaging and Biometric Analysis on Fingerprints for Rapid Identification of

- Threat Materials and Individuals. California State Division of the International Association for Identification. San Diego, California U.S.A. May 2012.
48. Swofford, H.J. Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. Illinois State Division of the International Association for Identification. O'Fallon, Illinois U.S.A. April 2012.
 49. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Accuracy, Reliability and a Minimum Quantitative Basis for Latent Print Suitability Through Behavior and Performance of Latent Print Examiners. Illinois State Division of the International Association for Identification. O'Fallon, Illinois U.S.A. April 2012.
 50. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Inter- and Intra-Observer Variation in the Perception and Interpretation of Friction Skin Characteristics by Human Examiners. Illinois State Division of the International Association for Identification. O'Fallon, Illinois U.S.A. April 2012.
 51. Swofford, H.J.; Guicheteau, J.A.; Tripathi, A.; Wilcox, P.; Emmons, E.; Christesen, S.; Wood, J.; and Fountain, A.W. Sequential Raman Chemical Imaging and Biometric Analysis on Fingerprints for Rapid Identification of Threat Materials and Individuals. Illinois State Division of the International Association for Identification. O'Fallon, Illinois U.S.A. April 2012.
 52. Swofford, H.J. and Doyme, W.G. Mitigation of Erroneous Exclusions and Missed Identifications and Conflict Resolutions for Latent Print Examiners. Florida State Division of the International Association for Identification 52nd Annual Educational Conference, Panama City Beach, Florida U.S.A. October 2011.
 53. Swofford, H.J. The Effects of Oral Chemotherapy Treatment on Friction Ridge Skin. Southern California Association of Fingerprint Officers 20th Annual Forensic Training Seminar, Ontario, California U.S.A. September 2011.
 54. Swofford, H.J. Presentation of Fingerprint Evidence in Court. Southern California Association of Fingerprint Officers 20th Annual Forensic Training Seminar, Ontario, California U.S.A. September 2011.
 55. Swofford, H.J. Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. Pacific Northwest Division of the International Association for Identification Annual Educational Conference, Vancouver, Washington U.S.A. September 2011.
 56. Swofford, H.J. Latent Print Examination in the Post-NAS World: Understanding the Past, Looking Towards the Future. Workshop. San Diego Regional Latent Print Study Group, Chula Vista Police Department, San Diego, California, U.S.A. July 2011.

57. Swofford, H.J. Applications of Hyperspectral Imaging for Latent Print Development. United States Army Senior Scientist Technology Meeting. Forest Park, Georgia, U.S.A. May 2011.
58. Swofford, H.J. Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. Georgia and South Carolina State Divisions of the International Association for Identification Joint Annual Forensic Conference, Savannah, Georgia U.S.A. October 2010.
59. Swofford, H.J. The Effects of Oral Chemotherapy Treatment on Friction Skin. Georgia and South Carolina State Divisions of the International Association for Identification Joint Annual Forensic Conference, Savannah, Georgia U.S.A. October 2010.
60. Swofford, H.J. Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. Indiana State Division of the International Association for Identification 17th Annual Forensic Conference, Fort Wayne, Indiana U.S.A. October 2010.
61. Swofford, H.J. and Schenck, R.A. The Effects of Oral Chemotherapy Treatment on Friction Skin. Indiana State Division of the International Association for Identification 17th Annual Forensic Conference, Fort Wayne, Indiana U.S.A. October 2010.
62. Swofford, H.J. Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. Southern California Association of Fingerprint Officers 19th Annual Forensic Training Seminar, Ontario, California U.S.A. August 2010.
63. Swofford, H.J. Alcohol Extrapolation: Advanced Training Using BAC Tracker v2.1 Software. Milwaukee Division of Forensic Sciences, Milwaukee, Wisconsin, U.S.A. February 2010.
64. Swofford, H.J. and Kovalchick A.T. Developing Latent Fingerprints: Using Old Ideas with New Technology. Georgia State Division of the International Association for Identification 39th Annual Conference, Valdosta, Georgia U.S.A. October 2009.
65. Swofford, H.J. Courtroom Presentation for Latent Fingerprint and Footwear Evidence. Georgia State Division of the International Association for Identification 39th Annual Conference, Valdosta, Georgia U.S.A. October 2009.
66. Swofford, H.J. Alcohol in the Courtroom: Understanding Alcohol Pharmacokinetic Parameters for the Application of Computer Software Facilitated Forensic Extrapolations of Blood Alcohol Concentration: BAC Tracker® Proficiency and Certification Course, Los Angeles, CA, U.S.A. September 2008.

67. Swofford, H.J. Guest Lecturer, "The Disposition of Alcohol in Humans" Drunk Driving Practice, Thomas M. Cooley Law School, Auburn Hills, MI, U.S.A. May 2008.
68. Swofford, H.J. Software Facilitated Forensic Extrapolations of Alcohol in the Judicial System: A Multi-Model Approach: DUI-DWI Seminar, Atlanta, GA, U.S.A. April 2008.
69. Swofford, H.J. Alcohol in the Courtroom: Understanding Alcohol Pharmacokinetic Parameters for the Application of Computer Software Facilitated Forensic Extrapolations of Blood Alcohol Concentration: BAC Tracker® Proficiency and Certification Course, Birmingham, MI, U.S.A. March 2008.
70. Swofford, H.J. Understanding Computer Generated Pharmacokinetic Extrapolations of Blood Alcohol Concentration: Comparing Theoretical BAC versus Observed BAC: Intoxilyzer® 8000 Operator's Course, New Orleans, LA, U.S.A. September 2007.
71. Swofford, H.J. Scientific and Technological Advances in the Extrapolation of Blood Alcohol Concentration: DUI-DWI Seminar, Los Angeles, CA, U.S.A. August 2007.
72. Swofford, H.J. Fingerprint Patterns: A Study on the Finger and Ethnicity Prioritized Order of Occurrence – A Validation Study: Georgia State Division of the International Association for Identification, Columbus, GA, U.S.A. September 2003.
73. Swofford, H.J. Fingerprint Patterns: A Study on the Finger and Ethnicity Prioritized Order of Occurrence – A Study Update: Georgia State Division of the International Association for Identification, Decatur, GA, U.S.A. June 2003.
74. Swofford, H.J. Fingerprint Patterns: A Study on the Finger and Ethnicity Prioritized Order of Occurrence – A Preliminary Study: Georgia State Division of the International Association for Identification, Athens, GA, U.S.A. September 2002.

PRESENTATIONS (Conference Participation):

1. Swofford, H.J. Friction Ridge Subcommittee Update: Strategic Priorities and Progress, Friction Ridge Subcommittee, Organization for Scientific Area Committees for Forensic Science (OSAC). Southern California Association of Fingerprint Officers (SCAFO). Reno, Nevada, U.S.A. August 2019.

2. Swofford, H.J., Cino, J.G., Cole, S., and Loudon-Brown, M. Forensic Science Reform: Understanding the Structural and Cultural Undercurrents (Panel Discussion). Innocence Network Conference. Atlanta, Georgia, U.S.A. April 2019.
3. Swofford, H.J., and Koertner, A.J., Statistical Interpretation Software for Friction Ridge Skin Impressions (*FRStat*) Workshop. American Academy of Forensic Sciences. Baltimore, Maryland, U.S.A. February 2019.
4. Swofford, H.J., Baxter-White, A., and Max, B., Litigating Fingerprint Evidence: Ensuring Transparent and Sound Scientific Foundations (Workshop). American Academy of Forensic Sciences. Baltimore, Maryland, U.S.A. February 2019.
5. Swofford, H.J., Koertner, A.J., and Wortman, T.M. Statistical Interpretation Software for Friction Ridge Skin Impressions (*FRStat*) Workshop. International Association for Identification. San Antonio, TX, U.S.A. August 2018.
6. Swofford, H.J. and Cino, J. Where the Rubber Meets the Road: Competing Norms in Scientific and Legal Ethics. International Association for Identification. San Antonio, TX, U.S.A. August 2018.
7. Swofford, H.J. and LeCroy J. Statistical Interpretation and Reporting of Fingerprint Evidence at the United States Army Criminal Investigation Laboratory. International Association for Identification. San Antonio, TX, U.S.A. August 2018.
8. Swofford, H.J. and Cino, J. Strengthening the Scientific Foundation of Fingerprint Examination: Lessons from Litigation. International Association for Identification. San Antonio, TX, U.S.A. August 2018.
9. Swofford, H.J. and Counts, K. Probability, Statistics, and Predictive Analytics – “Oh My” – How Does it Fit into Our World of Latent Prints? International Association for Identification. San Antonio, TX, U.S.A. August 2018.
10. Swofford, H.J. Statistical Interpretation and Reporting of Fingerprint Evidence at the United States Army Criminal Investigation Laboratory. American Academy of Forensic Sciences. Seattle, Washington, U.S.A. February 2018.
11. Swofford, H.J. Bringing Science Back: Strengthening the Foundation of Fingerprint Examination. American Academy of Forensic Sciences. Seattle, Washington, U.S.A. February 2018.
12. Swofford, H.J. Statistical Interpretation and Reporting of Fingerprint Evidence at the United States Army Criminal Investigation Laboratory. Impression, Pattern, and Trace Evidence Symposium. Washington D.C., U.S.A. January 2018.

13. Swofford, H.J., Wortman, T.W. Statistical Interpretation Software for Friction Ridge Skin Impressions (FRStat) Workshop. Impression, Pattern, and Trace Evidence Symposium. Washington D.C., U.S.A. January 2018.
14. Swofford, H.J., Hicklin, A., Langenburg, G., Smith, R., and Vanderkolk, J. Use of the Term 'Identification' in Forensic Conclusions (Panel). International Association for Identification. Atlanta, GA, U.S.A. August 2017.
15. Swofford, H.J., Eldridge, H., Hammer, L., and Cino, J. Twice Bitten – Finding a Path Forward in the Wake of the PCAST Report (Panel). International Association for Identification. Atlanta, GA, U.S.A. August 2017.
16. Swofford, H.J. and LeCroy, J. So We Implemented a Statistical Model . . . What Happened Next? International Association for Identification. Atlanta, GA, U.S.A. August 2017.
17. Swofford, H.J. and Chu, S. Facilitating a Culture of Improvement in a Safe and Non-adversarial Environment. American Society of Crime Laboratory Directors. Dallas, TX, U.S.A. May 2017.
18. Swofford, H.J. and Cino J.G. Towards Reform: Implementing Quantitative Methods Into Practice for Latent Print Examination. American Academy of Forensic Sciences. New Orleans, LA, U.S.A. February 2017.
19. Swofford, H.J. and Cino J.G. Lay Understanding of "Identification": How Jurors Interpret Forensic Identification Testimony. American Academy of Forensic Sciences. New Orleans, LA, U.S.A. February 2017.
20. Swofford, H.J.; Koertner, A.J.; and Salyards, J. Evaluation of a Model to Quantify the Weight of Fingerprint Evidence. International Association for Identification. Cincinnati, OH, U.S.A. August 2016.
21. Swofford, H.J. A New Paradigm for Fingerprint Reporting . . . *Without* Individualization. International Association for Identification. Cincinnati, OH, U.S.A. August 2016.
22. Ramotowski, R.; Tom, K.; and Swofford, H.J. Conducting Validation Studies in ISO/IEC 17025 Accredited Laboratories: Panel Discussion. International Association for Identification. Cincinnati, OH, U.S.A. August 2016.
23. Hammer, L.; Cino, J.; and Swofford, H.J. What Constitutes an Effective and Appropriate Forensic Report: Panel Discussion. International Association for Identification. Cincinnati, OH, U.S.A. August 2016.

24. Langenburg, G.; Ray, E.; Swofford, H.J.; Cox, M.; and Cino, J. Double Loop Podcast Panel Discussion: Latent Print Examination and Conclusions. International Association for Identification. Cincinnati, OH, U.S.A. August 2016.
25. Swofford, H.J.; Koertner, A.J.; and Salyards, J. Evaluation and Validation of a Model to Quantify the Weight of Fingerprint Evidence. American Academy of Forensic Sciences. Las Vegas, NV, U.S.A. February 2016.
26. Swofford, H.J. A New Paradigm for Fingerprint Reporting . . . *Without Individualization*. American Academy of Forensic Sciences. Las Vegas, NV, U.S.A. February 2016.
27. Swofford, H.J. Fingerprint Examination and the Epistemic Rationale of Claims to Single Source Attribution. National Institute of Justice Impression, Pattern, and Trace Evidence Symposium. San Antonio, TX, U.S.A. August 2015.
28. Swofford, H.J.; Koertner, A.J.; and Salyards, J. Objective Classification of Fingerprint Image Complexity. National Institute of Justice Impression, Pattern, and Trace Evidence Symposium. San Antonio, TX, U.S.A. August 2015.
29. Swofford, H.J.; Koertner, A.J.; and Salyards, J. A Novel Approach for Quantifying the Weight of Fingerprint Evidence. National Institute of Justice Impression, Pattern, and Trace Evidence Symposium. San Antonio, TX, U.S.A. August 2015.
30. Busey, T.; Swofford, H.J.; Vanderkolk, J.; and Emerick, B. The Impact of Fatigue on Latent Print Examinations as Revealed by Behavioral and Eye Gaze Testing. National Institute of Justice Impression, Pattern, and Trace Evidence Symposium. San Antonio, TX, U.S.A. August 2015.
31. Swofford, H.J.; Kovalchick, A.T.; and Ollis R.J. Management of False Negative Decisions by Latent Fingerprint Examiners. International Association for Identification. Sacramento, CA, U.S.A. August 2015.
32. Swofford, H.J. and Koertner, A.J. Quantifiable Metrics to Assist in the Interpretation of Fingerprint Evidence. International Association for Identification. Sacramento, CA, U.S.A. August 2015.
33. Swofford, H.J. and Chu, S. Facilitating a Culture of Improvement in a Safe and Non-Adversarial Environment. International Association for Identification. Sacramento, CA, U.S.A. August 2015.
34. Swofford, H.J. and Koertner, A.J. A Quantitative Evaluation of the Effects of Lateral Distortions to the Location and Orientation of Fingerprint Minutiae. International Association for Identification. Sacramento, CA, U.S.A. August 2015.

35. Swofford, H.J.; Koertner, A.J.; and Salyards, J. A Novel Approach for Quantifying the Weight of Fingerprint Evidence. NIST Forensic Science Error Management International Forensics Symposium, Washington, D.C., U.S.A. July 2015.
36. Swofford, H.J.; Koertner, A.J.; and Salyards, J. Objective Classification of Fingerprint Image Complexity. NIST Forensic Science Error Management International Forensics Symposium, Washington, D.C., U.S.A. July 2015.
37. Swofford, H.J.; Koertner, A.J.; and Salyards, J. Objective and Quantifiable Metrics for Latent Print Suitability. American Academy of Forensic Sciences, Orlando, Florida, U.S.A. February 2015.
38. Swofford, H.J. and Koertner, A.J. Standardization of Latent Print Suitability Decisions: A Bayesian Approach. International Association for Identification. Minneapolis, MN, U.S.A. August 2014.
39. McRoberts, A.; Ramotowski, R.; and Swofford, H.J. Preparing and Submitting Your Research for Publication in the Journal of Forensic Identification. Minneapolis, MN, U.S.A. August 2014.
40. Vosk, T.W.; Kennedy, R.T.; Swofford, H.J.; Taroni, F.; Emery, A.; Nichols, M.J.; Smith, F.C. Science, Law, and the Inferential Process: The Epistemology of Scientific Conclusion and Their Role in the Legal Fact-Finding Process. Workshop #W-16. American Academy of Forensic Sciences, Seattle, Washington U.S.A. February 2014.
41. Maynard H.P. and Swofford, H.J. Effective Research Proposal Grant Writing. Southern Association of Forensic Scientists Annual Meeting. Huntsville, Alabama. U.S.A. October 2013.
42. Swofford, H.J., Gische, M., and Gabel, J. Rules of Thumb: Navigating the Changing Landscape of Fingerprint Evidence. International Association for Identification. Providence, Rhode Island, U.S.A. August 2013.
43. Swofford, H.J., Steffan, S., Bonar, D., and Paul, L.* Development of Latent Fingerprints on Brass Cartridge Cases: Impact of Latent Print Development Using Acidified Hydrogen Peroxide on Forensic Firearm / Toolmark Examinations. American Academy of Forensic Sciences. Washington, D.C., U.S.A. February 2013.
44. Swofford, H.J.; Guicheteau, J.A.; Tripathi, A.; Wilcox, P.; Emmons, E.; Christesen, S.; Wood, J.; and Fountain, A.W. Sequential Raman Chemical Imaging and Biometric Analysis on Fingerprints for Rapid Identification of

Threat Materials and Individuals. Impression and Pattern Evidence Symposium. Clear Water Beach, Florida U.S.A. August 2012.

45. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Accuracy, Reliability and a Minimum Quantitative Basis for Latent Print Suitability Through Behavior and Performance of Latent Print Examiners. International Association for Identification. Phoenix, Arizona U.S.A. July 2012.
46. Swofford, H.J.; Knaggs, C.; Ballard, J.; Beegle, C.; Harbin, S. Latent Print Development Using Low Pressure Sublimation Vapor Deposition: Evaluation of a Prototype System. International Association for Identification. Phoenix, Arizona U.S.A. July 2012.
47. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Inter- and Intra-Observer Variation in the Perception and Interpretation of Friction Skin Characteristics by Human Examiners. International Association for Identification. Phoenix, Arizona U.S.A. July 2012.
48. Swofford, H.J.; Guicheteau, J.A.; Tripathi, A.; Wilcox, P.; Emmons, E.; Christesen, S.; Wood, J.; and Fountain, A.W. Sequential Raman Chemical Imaging and Biometric Analysis on Fingerprints for Rapid Identification of Threat Materials and Individuals. International Association for Identification. Phoenix, Arizona U.S.A. July 2012.
49. Swofford, H.J. and France, F. Forensic Science and Cultural Heritage – Examination of the Gettysburg Address. American Academy of Forensic Sciences, Atlanta, Georgia U.S.A. February 2012.
50. Swofford, H.J.; Knaggs, C.; Ballard, J.; Beegle, C.; Harbin, S. Latent Print Development Using Low Pressure Sublimation Vapor Deposition: Evaluation of a Prototype System. American Academy of Forensic Sciences, Atlanta, Georgia U.S.A. February 2012.
51. Swofford, H.J.; Steffan, S.; Warner, G.; Bridge, C.; Salyards, J. Assessing the Quantity of Friction Ridge Characteristics as a Function of Human Perception. American Academy of Forensic Sciences, Atlanta, Georgia U.S.A. February 2012.
52. Swofford, H.J.; Hornickel, M.; Nguyen-Quan, M.; Salyards, J. Assessing the Performance of Silver as a Post Gold/Zinc Process for Vacuum Metal Deposition. American Academy of Forensic Sciences, Atlanta, Georgia U.S.A. February 2012.
53. Hodge, D.; Swofford, H.J.; Steffan, S.; Salyards, J. Assessment of Acidified Hydrogen Peroxide vs. Cyanoacrylate Ester/Rhodamine 6G Processing for

- Developing Latent Fingerprints on Brass Cartridge Cases. American Academy of Forensic Sciences, Atlanta, Georgia U.S.A. February 2012.
54. Swofford, H.J. Standardization of Alcohol Extrapolations with BAC Tracker. Southwestern Association of Forensic Scientists Annual Educational Conference, Houston, Texas U.S.A. October 2011.
 55. Swofford, H.J. Individualization Using Friction Ridge Skin: Scientifically Reliable, Legally Valid. International Association for Identification 96th Annual Educational Conference, Milwaukee, Wisconsin U.S.A. August 2011.
 56. Forrest, A.R.W., Kennedy, R.T, Swofford, H.J., and Vosk, T.W. Blood Alcohol Concentration (BAC) Evidence: Extrapolation, Interpretation, and Testimony in the Post-NAS Era. Workshop #W-21. American Academy of Forensic Sciences, Chicago, Illinois U.S.A. February 2011.
 57. Swofford, H.J. and Schenck, R.A. The Effects of Oral Chemotherapy Treatment on Friction Skin. Canadian Identification Society 33rd Annual Educational Conference, Orillia, Ontario Canada September 2010.
 58. Swofford, H.J. and Kovalchick, A.T. Developing Latent Fingerprints: Using Old Ideas with New Technology. Canadian Identification Society 33rd Annual Educational Conference, Orillia, Ontario Canada September 2010.
 59. Ogden, E.* and Swofford, H.J. An Integrated Software Model for Alcohol Absorption and Metabolism. 19th International Conference on Alcohol, Drugs and Traffic Safety (ICADTS), Oslo, Norway August 2010.
 60. Swofford, H.J. Alcohol Related Incidents: Tools For Effective Extrapolation. Northwest Alcohol Conference 3rd Annual Educational Conference, Park City, Utah U.S.A. July 2010
 61. Swofford, H.J. and Schenck R.A. The Effects of Oral Chemotherapy Treatment on Friction Skin. International Association for Identification 95th Annual Educational Conference, Spokane, Washington U.S.A. July 2010.
 62. Swofford, H.J. Advantages of Computer Extrapolation for Alcohol Related Cases: The Forensic Toxicologist's Tool for Case Evaluation and Preparation. Southwestern Association of Toxicologists, Dallas, Texas, U.S.A. May 2010.
 63. Swofford, H.J. Expert Witness Testimony of Latent Prints. U.S. Army Staff Judge Advocate (SJA), Fort Stewart SJA Office, Fort Stewart, Georgia, U.S.A. February 2010.
 64. Schenck, R.A., Swofford, H.J., Hornickel, M.A., and Steffan, S.M. Detecting Evidence Using Alternate Light Sources and LASER Technology. U.S. Army

Criminal Investigation Division (CID), Fort Stewart CID Office, Fort Stewart, Georgia, U.S.A. February 2010.

65. Papa, V.M.*, Swofford, H.J., Scarafile, A., and Fontz, M. Evaluation and Validation of the BAC Tracker® in Two Drinking Studies. Society of Forensic Toxicologists, Oklahoma City, Oklahoma, U.S.A. October 2009.
66. Swofford, H.J. Developing Latent Fingerprints: Using Old Ideas with New Technology. Southern Association of Forensic Scientists Annual meeting, Orlando, Florida U.S.A. October 2009.
67. Brown, J.D.* and Swofford H.J. Use of Inductively Coupled Plasma—Mass Spectrometry as an Effective Screening Tool for Gunshot Residue Before Confirmation by Scanning Electron Microscopy / Energy Dispersive X-Ray Spectroscopy. Southern Association of Forensic Scientists Annual meeting, Orlando, Florida U.S.A. October 2009.
68. Swofford, H.J. Using Software to Meet the Demands of Alcohol Estimation in the 21st Century. Southern Association of Forensic Scientists Annual meeting, Orlando, Florida U.S.A. October 2009.
69. Swofford, H.J. Alcohol in the 21st Century: New Standards, New Technology, BAC Tracker Continuing Education Training and Certification Course, Atlanta, Georgia U.S.A. July 2009.
70. Swofford, H.J. Macronutritional Composition Induced Differential Gastrointestinal Absorption Kinetics of Alcohol: A Pharmacokinetic Analysis of Alcohol Absorption in the Postprandial State: American Academy of Forensic Sciences, Washington D.C., U.S.A. February 2008.
71. Swofford, H.J. Macronutritional Composition Induced Differential Gastrointestinal Absorption Kinetics of Alcohol: A Pharmacokinetic Analysis of Alcohol Absorption in the Postprandial State: Society of Forensic Toxicology, Raleigh-Durham, NC, U.S.A. October 2007.
72. Swofford, H.J. Macronutritional Composition Induced Differential Gastrointestinal Absorption Kinetics of Alcohol: A Pharmacokinetic Analysis of Alcohol Absorption in the Postprandial State: Southern Association of Forensic Scientists, Atlanta, GA, U.S.A. September 2007.

CONTINUING EDUCATION TRAINING:

August 2018

103rd Annual Educational Conference. International Association for Identification, San Antonio, TX. (40hrs).

April 2018	Law Review Symposium. Georgia State University College of Law, Atlanta, GA. (8hrs).
March 2018	Forensics, Statistics and the Law. Center for Statistics and Applications in Forensic Science, University of Virginia, Charlottesville, VA. (8hrs).
February 2018	70th Annual Scientific Meeting. American Academy of Forensic Sciences, Seattle, WA. (24hrs).
August 2017	102nd Annual Educational Conference. International Association for Identification, Atlanta, GA. (40hrs).
May 2017	Annual Symposium. American Society of Crime Laboratory Directors, Dallas, TX. (40hrs).
February 2017	69th Annual Scientific Meeting. American Academy of Forensic Sciences, New Orleans, LA. (40hrs).
August 2016	101st Annual Educational Conference. International Association for Identification, Cincinnati, OH. (40hrs).
June 2016	Leadership Through Understanding Human Behavior (Leadership). Federal Law Enforcement Training Center (FLTEC), Brunswick, GA. (24hrs).
May 2016	International Symposium on Likelihood Ratio Methods. Netherlands Forensic Institute, The Hague, Netherlands. (16hrs).
May 2016	Pattern Evidence Transition Workshop. Statistical and Applied Mathematical Sciences Institute, National Science Foundation, Research Triangle Park, NC. (8hrs).
May 2016	Technical Colloquium on Quantifying the Weight of Forensic Evidence. National Institute of Standards and Technology, Gaithersburg, MD. (16hrs).
April 2016	Crucial Conversations (Leadership). VitalSmarts, Inc., Atlanta, GA. (16hrs).
March 2016	Pattern Science and Statistics Workshop. Center for Statistics and Applications to Forensic Evidence, Hosted by the West Palm Beach Sheriff's Office, West Palm Beach, FL. (8hrs).

February 2016	68th Annual Scientific Meeting. American Academy of Forensic Sciences, Las Vegas, NV. (40hrs).
October 2015	24th Annual Forensic Training Seminar. Southern California Association of Fingerprint Officers, Temecula, California (8hrs).
August 2015	NIJ Impression, Pattern, and Trace Evidence Symposium. Sponsored by the National Institute of Justice, San Antonio, TX. (16hrs).
August 2015	100th Annual Educational Conference. International Association for Identification, Sacramento, CA. (40hrs).
July 2015	Forensic Science Error Management International Forensics Symposium. National Institute of Standards and Technology, Washington, D.C. (28hrs).
July 2015	Science and the Law Workshop. Ted Vosk, Attorney/Consultant, Hosted at the Defense Forensic Science Center, Forest Park, GA. (16hrs).
May 2015	Latent Print Advanced Testimony Workshop. Federal Bureau of Investigation, Hosted at the Defense Forensic Science Center, Forest Park, GA. (16hrs).
April 2015	Statistics Applied to Forensic Science Workshop. National Institute of Standards and Technology, Hosted at the Defense Forensic Science Center, Forest Park, GA. (24hrs).
April 2015	Contracting Officer Representative Course and the Contingency Contracting Environment. The Contracting Education Academy at Georgia Tech, Atlanta, GA. (40hrs).
February 2015	67th Annual Scientific Meeting. American Academy of Forensic Sciences, Orlando, FL. (40hrs).
August 2014	99th Annual Educational Conference. International Association for Identification, Minneapolis, MN (40hrs).
April 2014	ISO/IEC 17025 and Audit Preparation Workshop for Forensic Test Agencies. ANSI-ASQ National Accreditation Board, Tampa, FL. (24hrs).

February 2014	66th Annual Scientific Meeting. American Academy of Forensic Sciences, Seattle, WA. (40hrs).
November 2013	Executive Director's Leadership Series. Defense Forensic Science Center, Forest Park, GA. (20hrs).
October 2013	Annual Educational Conference. Southwestern Association of Forensic Scientists, Santa Fe, New Mexico (16hrs).
October 2013	Annual Educational Conference. Southern Association of Forensic Scientists, Huntsville, Alabama (24hrs).
September 2013	Scientific Analysis (ACE-V): From the Laboratory to the Witness Stand. Ron Smith and Associates, Inc. (40hrs).
August 2013	27th Annual Conference. AFIS Annual Internet User Conference, Cincinnati, Ohio (32hrs).
August 2013	98th Annual Educational Conference. International Association for Identification, Providence, Rhode Island (40hrs).
June 2013	Biennial Scientific Meeting. International Fingerprint Research Group, Jerusalem, Israel (40hrs).
February 2013	65th Annual Scientific Meeting. American Academy of Forensic Sciences, Washington D.C. (40hrs).
December 2012	Complex Latent Print Examination. Ron Smith and Associates, Inc., Decatur, Georgia (40hrs).
November 2012	Research, Development, Testing, & Evaluation (RDT&E) Working Group Meeting. Department of Defense, Gillem Enclave, Forest Park, Georgia (24hrs).
August 2012	Impression and Pattern Evidence Symposium. Sponsored by the National Institute of Justice and the FBI Laboratory Division, Clearwater Beach, Florida (40hrs).
July 2012	97th Annual Educational Conference. International Association for Identification, Phoenix, Arizona (40hrs).
March 2012	Crime Academy. Metropolitan Police, New Scotland Yard, London, United Kingdom (40hrs).

February 2012	64th Annual Scientific Meeting. American Academy of Forensic Sciences, Atlanta, Georgia (40hrs).
September 2011	20th Annual Forensic Training Seminar. Southern California Association of Fingerprint Officers, Ontario, California (12hrs).
August 2011	Annual Educational Conference. Pacific Northwest Division of the International Association for Identification, Vancouver, Washington (12hrs).
August 2011	96th Annual Educational Conference. International Association for Identification, Milwaukee, Wisconsin (40hrs).
October 2010	Joint Annual Educational Conference. Georgia and South Carolina State Divisions of the International Association for Identification, Savannah, Georgia (12hrs).
October 2010	17th Annual Educational Conference. Indiana State Division of the International Association for Identification, Fort Wayne, Indiana (12hrs).
September 2010	33rd Annual Educational Conference. Canadian Identification Society, Orillia, Ontario, Canada (12hrs).
August 2010	19th Annual Forensic Training Seminar. Southern California Association of Fingerprint Officers, Ontario, California (12hrs).
July 2010	95th Annual Educational Conference. International Association for Identification, Spokane, Washington (40hrs).
April 2010	Annual Educational Conference. Southwestern Association of Toxicologists, Dallas, Texas (12hrs).
April 2010	Tire Tread and Tire Track Evidence: Recovery and Examination. Bodziak Forensics, Forest Park, Georgia (40hrs).
October 2009	Annual Educational Conference. Southern Association of Forensic Scientists, Orlando, Florida (12hrs).

September 2009	39th Annual Educational Conference. Georgia State Division of the International Association for Identification, Valdosta, Georgia (12hrs).
August 2009	94th Annual Educational Conference. International Association for Identification, Tampa, Florida (40hrs).
July 2009	Advanced Forensic Digital Image Processing. Scarborough Police Department and Foray Technologies, Scarborough, Maine (32hrs).
June 2009	Fingerprint Identification and Classification Course, American Institute of Applied Science, Youngsville, North Carolina (Correspondence Course).
June 2009	Ridgeology Science Workshop. United States Army Criminal Investigation Laboratory, Forest Park, Georgia (40hrs).
May 2009	Courtroom Testimony Techniques. Ron Smith and Associates, Inc., Milwaukee, Wisconsin (16hrs).
April 2009	Advanced ACE-V Applications. Ron Smith and Associates, Inc., Milwaukee Police Department, Milwaukee, Wisconsin (40hrs).
March 2009	Detection, Recovery and Examination of Footwear Impression Evidence. Bodziak Forensics, Jacksonville, Florida (40hrs).
February 2009	Advanced Palm Print Comparison Techniques. Ron Smith and Associates, Inc., Austin, Texas (24hrs).
June 2008	Summer Annual Training Seminar. Georgia State Division of the International Association for Identification, Lawrenceville, Georgia (8hrs).
June 2008	Latent Print Photography. Federal Bureau of Investigation, FBI Academy, Quantico, Virginia (80hrs).
February 2008	Advanced Training for Foster + Freeman's DCS-3 System. Foster + Freeman, Atlanta, Georgia (40hrs).
February 2008	60th Annual Scientific Meeting. American Academy of Forensic Sciences, Washington D.C. (40hrs).

October 2007	Annual Educational Meeting. Society of Forensic Toxicologists, Raleigh-Durham, North Carolina (24hrs).
June 2007	Summer Annual Training Seminar. Georgia State Division of the International Association for Identification, Forest Park, Georgia (8hrs).
March 2007	Latent Processing Techniques. National Institute of Justice and West Virginia University, Orlando, Florida (24hrs).
November 2005	Basic Latent Print Comparison Workshop. Florida State Division of the International Association for Identification, Panama City Beach, Florida (24hrs).
June 2005	Summer Annual Training Seminar. Georgia State Division of the International Association for Identification, Griffin, Georgia (8hrs).
March 2005	Spring Annual Training Seminar. Georgia State Division of the International Association for Identification, Riverdale, Georgia (8hrs).
September 2004	34th Annual Educational Conference. Georgia State Division of the International Association for Identification, Columbus, Georgia (40hrs).
September 2003	33rd Annual Educational Conference. Georgia State Division of the International Association for Identification, Kingsland, Georgia (40hrs).
June 2003	Summer Annual Training Seminar. Georgia State Division of the International Association for Identification, Decatur, Georgia (8hrs).
October 2002	32nd Annual Educational Conference. Georgia State Division of the International Association for Identification, Athens, Georgia (40hrs).

AWARDS AND HONORS:

August 2018	U.S. Army Superior Civilian Service Award, Department of the Army
August 2018	USACIDC Innovation Award, Department of the Army

May 2018	Superior Service Recognition, Secretary of the Army, Department of the Army
March 2018	Forty Under 40, Georgia State University, Atlanta, GA, U.S.A.
May 2017	Superior Service Recognition, Commanding General, USACIDC, Department of the Army
August 2013	Summa Cum Laude, University of Florida, Gainesville, FL, U.S.A.
May 2012 – August 2013	Department of Defense (DoD) Science, Mathematics, and Research for Transformation (SMART) Scholarship.
May 2008	Magna Cum Laude, Georgia State University, Atlanta, GA, U.S.A.
April 2008	Chair's Special Award, Honor's Program, Georgia State University, Atlanta, GA, U.S.A.
February 2008	USA Today All USA College Academic Team Recognition: Top 40 Undergraduates in the United States.
November 2007 – May 2008	Biotechnology Scholarship, Georgia State University, Atlanta, GA, U.S.A.
October 2007	Young Scientist Meeting Award, Society of Forensic Toxicologists, Raleigh-Durham, NC, U.S.A.
August 2004 – May 2008	Presidential Scholarship, Georgia State University, Atlanta, GA, U.S.A.
August 2004 – May 2008	Governor's Scholarship, Georgia State University, Atlanta, GA, U.S.A.
March 2006	Representative, Georgia State University, Colonial Academic Alliance, Harrisonburg, VA, U.S.A.
May 2004	Valedictorian, Morrow High School, Morrow, GA, U.S.A.
July 2003	Honorary Guest, Georgia Association of Chiefs of Police, Savannah, GA, U.S.A.



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Henry Swofford



Henry Swofford is the principal forensic analyst at HJS Consulting, LLC. Swofford is certified by the International Association for Identification (IAI) as a latent print examiner with over 15 years of experience working in an ISO/IEC 17025 accredited forensic science laboratory.

Prior to serving as an independent forensic consultant, he was the Chief of the Latent Print Branch for the United States Army Criminal Investigation Laboratory (USACIL) responsible for overseeing forensic latent print operations in support of the criminal investigative mission of the U.S. Department of Defense world-wide. Under his leadership, the USACIL Latent Print Branch gained international recognition for implementing policies, procedures, and practices to reform traditional forensic science methods and strengthen the scientific rigor of latent print examinations. Prior to this, he served as a Quality Assurance Manager, Research Coordinator, and Physical Scientist/Latent Print Examiner for the USACIL as well as a Laboratory Technician for the Georgia Bureau of Investigation.

Over his career, Mr. Swofford has authored several articles and given over 130 professional presentations throughout the United States and international community related to forensic science methods and practices, including applications of statistical methods to latent print examination. He has testified in Federal and Military courts as an expert and currently serves as the Chair of the Organization for Scientific Area Committees (OSAC) Friction Ridge Subcommittee, a member of the Board of Directors for the IAI, a member of the Editorial Board for the Journal of Forensic Identification, a member of the Academy Standards Board (ASB) Friction Ridge Consensus Body, and a Fellow of the American Academy of Forensic Sciences (AAFS), among other committees and professional affiliations.

A Virginia resident, Mr. Swofford received his Bachelor of Science degree in Biology with a minor in Chemistry from Georgia State University and his Masters of Science in Forensic Science from the University of Florida.