

GLENN DAVIS

Sandstone Forensics LLC

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Education

University of New Haven, Sacramento, CA – 2001
M.S. in Forensic Science
Professional Certificate in Forensic Computer Investigation

Washington State University, Pullman, WA – 1998
B.S. in Genetics and Cell Biology

Washington State University, Pullman, WA – 1996
B.S. in Biology

Experience

Owner and President of Sandstone Forensics LLC, 06/23 to present, incorporated 01/24. Job Responsibilities: Provide forensic consulting to prosecution and defense teams in criminal matters as well as attorneys in civil matters. Provide firearms examiner training to law enforcement agencies, and training to the legal field on other topics. Perform functionality examinations of firearms, caliber determination of fired bullets, restoration of obliterated serial numbers, distance determinations, comparison of fired bullets, cartridge cases, as well as other firearms-related tasks. Review cases for overall approach and examination of all possible evidence, including crime scenes and cold cases. Perform trajectory analysis. Testify in court as to results obtained from examination of firearms and related evidence.

Forensic Laboratory Manager- Firearms Detail, Las Vegas Metropolitan Police Department Forensic Laboratory, 11/21 – 06/23. Job Responsibilities: Manage day to day operations of the Firearms Detail to include case triage and assignment, as well as technical and administrative reviews. Evaluate employee performance, perform functionality examinations of firearms, caliber determination of fired bullets, restoration of obliterated serial numbers, distance determinations, comparison of fired bullets, cartridge cases, as well as other firearms-related tasks. Testify in court as to results obtained from examination of firearms and related evidence. Maintain the Firearms Detail technical processes and ensure operational compliance with all ISO accreditation, and legal standards and requirements and ensure that appropriate quality control is implemented.

Forensic Scientist- Firearms Detail, Las Vegas Metropolitan Police Department Forensic Laboratory, 12/17 to 11/21. Job Responsibilities: Perform functionality examinations of firearms, caliber determination of fired bullets, restoration of obliterated serial numbers, distance determinations, comparison of fired bullets, cartridge cases, as well as other firearms-related tasks. Testify in court as to results obtained from examination of firearms and related evidence.

Forensic Scientist 4, Technical Lead, 05/15 – 12/17: Forensic Scientist 3, 09/07 – 05/15: Washington State Patrol Crime Laboratory Firearm and Tool Mark Section

Job Responsibilities: Perform functionality examinations of firearms, caliber determination of fired bullets, restoration of obliterated serial numbers, TASER examinations, distance determinations, comparison of fired bullets, cartridge cases, and tool marks as well as other firearms-related tasks. Testify in court as to results obtained from examination of firearms and related evidence. Technical Lead additional responsibilities: Maintain the crime laboratory's quality processes within the Firearms and Tool Mark discipline and ensure operational compliance with all certification, accreditation, and legal standards and requirements and ensure that appropriate quality control is implemented.

Forensic Scientist, Washington State Patrol Crime Laboratory DNA section, 12/02 – 09/07

Job Responsibilities: Perform biological screening; interpretation of blood spatter, STR/PCR, capillary electrophoresis, interpretation of STR results. Testify in court as to results obtained from examination and processing of biological evidence.

Forensic Technician, Sacramento County District Attorney's Laboratory of Forensic Services, 3/01 to 12/02. Job Responsibilities: Examination and preparation of firearms evidence for IBIS (Integrated Ballistics Identification System) entry. Assist criminalistics staff with general case work/crime scenes and conduct examination of trace gunshot residue dispersal using SEM-EDS (scanning electron microscope and electron dispersal spectroscopy).

Senior Student Intern, Sacramento County District Attorney's Laboratory of Forensic Services, 1/01 to 12/02. Internship Responsibilities: Assist criminalistics staff with general case work and conduct research on trace gunshot residue dispersal using SEM-EDS (scanning electron microscope and electron dispersal spectroscopy).

Courtroom Testimony

Testified as an expert witness 84 times in Superior and Federal courts- 1 crime scene case, 13 DNA cases, and 70 firearms/tool mark cases.

Forensic Training Received

PMF Investigations- Recommended Best Practices & Challenges for The Investigator and Forensic Lab- 3 hours; 2024 AFTE in Anchorage, AK

Forensic Shooting Incident Reconstruction Course- Salt Lake City, UT. Michael Haag, instructor; 2023

What Keeps You Awake at Night: Risk, Leading Change, and Challenging Decisions- Forensic Technology Center of Excellence (NIJ) online; 2022

2022 Firearms and Toolmarks Policy and Practice Forum- Forensic Technology Center of Excellence (NIJ) online; 2022

Privately made firearms seminar- hosted by the Las Vegas Metropolitan Police Department; 2021

FEMA Introduction to Incident Command System, ICS-700- FEMA online; 2020

FEMA Introduction to Incident Command System, ICS-200- FEMA online; 2020

FEMA Introduction to Incident Command System, ICS-100- FEMA online; 2020

Las Vegas Metropolitan Police Department Basic Instructor Development Course- 36 hours; 2019 in Las Vegas, NV

M1911A1 Armorer's Course- 8 hours; 2019 AFTE in Nashville, TN
Photogunmetry (determination of make/model of firearms from pictures and video)- 5 hours; 2019 AFTE in Nashville, TN

ANAB Forensic ISO/IEC 17025:2017 Assessor Training Course- 2019, hosted by the Las Vegas Metropolitan Police Department Forensic Laboratory

How to Identify Other Firearms Course- 8 hours; 2018 AFTE in Charleston, WV

Machining for the Firearm/Toolmark Examiner Course- 4 hours; 2018 AFTE in Charleston, WV

Glock Gen5 Armorer's course- 8 hours; 2018 AFTE in Charleston, WV

NIBIN and Matchpoint- Las Vegas Metropolitan Police Department Forensic Laboratory

Ethics in Forensic Science- West Virginia University Online

Forensic Shooting Incident Reconstruction Course- Snoqualmie, WA. Michael Haag, instructor; 2017

Sig Sauer P320 Armorer's course- 8 hours; 2017 AFTE in Denver, CO.

Wound Ballistics course- 2.5 hours; 2017 AFTE in Denver, CO.

5th Swiss International Wound Ballistics Workshop- 16 hours; Hitzkirch, Switzerland

Springfield XD/XDm Armorer's course- 8 hours; 2016 AFTE in New Orleans, LA.

Benelli Nova Armorer's course- 8 hours; 2016 AFTE in New Orleans, LA.

Ruger LCP and LC9 Armorer's course- 4 hours; 2015 AFTE in Dallas, TX

Glock Gen4 Armorer's course- 8 hours; hosted by the Spokane County Sheriff's Office

Remington 870 Armorer's course- 16 hours; hosted by the Washington State Patrol

Remington R4/XM15 Armorer's course- 16 hours; hosted by the Washington State Patrol

Hi-Point Firearms familiarization course- 4 hours; 2013 AFTE in Albuquerque, NM. Tom Deeb, owner of Hi-Point Firearms.

Colt M16 / AR15 Armorer's course- 24 hours; hosted by the Washington State Patrol

Smith and Wesson M&P Armorer's course- 8 hours; hosted by the Washington State Patrol Crime Laboratory

Heckler and Koch USP Armorer's course- 8 hours; hosted by the Washington State Patrol

FBI Class on Gunpowder and Gunshot Residue- 40 hours; class hosted by the Spokane Washington State Patrol Crime Laboratory; John Webb and Brandon Giroux of the FBI instructors

Glock Armorer's Course- 8 hours; hosted by Washington State Law Enforcement Firearms Instructors Association

TASER X25/TASER M26 Instructor Training- 16 hours; hosted by Spokane County Sheriff's Office

Sig Sauer Classic P Series Armorer's Course- 16 hours; hosted by Kent Police Department

CSRT Technical Writing Class- 16 hours, Jordan Peabody instructor

Special Topics in Shooting Scene Reconstruction, Matt Noedel of Noedel Scientific

CSRT Crime Scene Reconstruction- 40 hours at CJTC

Crime Scene Investigation and Reconstruction – 60 hours, Joe Rynearson and Jim Weigand, California Department of Justice

Spokane Police Department Citizen's Academy– 10 week informational academy on SPD officer training, community oriented policing, and department functions in community.

Courtroom Testimony Techniques– 16hrs, Ron Smith instructor

Technical Writing for the Forensic Specialist– 40 hours, Ann Neumann instructor

NIBIN Training– 40 hour class on National Integrated Ballistics Identification Network (NIBIN) provided by Forensic Technology Institute

Shooting Incident Reconstruction– 8 hours, Bruce Moran instructor

Gunshot Primer Residue– 2 hours, Faye Springer instructor

FBI DNA Auditor Training Class- 16 hours, FBI Laboratory

ABI Technologies Seminar- 8 hours, various ABI personnel

Entomology and Crime Scene—Dr. Beth Marshall, Washington State University

NFSTC DNA Academy— 16 weeks, Dr. Julie Sutton

Basic Microscopy— 24 hours, Bill Schneck instructor

Promega New DNA Technology Expedition— 8 hours

Bloodstain Pattern Analysis— 40hrs, Daniel Christman instructor

Tire Track and Impression Evidence at CCI— 37 hours, William Bodziak instructor

Trace Evidence— 4 hours, Faye Springer instructor

Forensic Training Instructor Activities

Moot court instructor for the National Firearms Examiner Academy (NFEA)
Co-Instructor for the AFTE Ring Of Fire Armorer's Workshop at 2016 AFTE (New Orleans, LA), 2015 AFTE (Dallas, TX), and 2021 (Miami, FL)

Instructor for the Serial Number Restoration Workshop at the 2009 Northwest Association of Forensic Scientists (NWAFS) / Rocky Mountain Division of the IAI (International Association of Identification) shared meeting

Factory Tours

North American Arms- East Provo, UT

Browning Research- Morgan, UT

Olympic Arms- Olympia, WA

Steyr Mannlicher- Kleinraming, Austria

Fabbrica d'Armi Beretta- Gardone, Brescia, Italy

HS Produkt- Karlovac, Croatia

Glock- Deutsch-Wagram and Ferlach, Austria

CCI- Lewiston, ID

Barnes Bullets- Mona, UT

Rainier Ballistics- Tacoma, WA

Research

“GSR Mapping”: The Study of Gunshot Residue Distribution of Known Firearms in a Closed Environment. G. Davis, L. Poole, F. Springer. Presented paper at Spring 2001 California Association of Criminalists seminar held in Tahoe City, CA and at CAC trace evidence and firearms study groups in Martinez, CA.

Professional Association Activities

Regular member of the Association of Firearm and Toolmark Examiners (AFTE)

Past member of the AFTE Ethics Committee

Attended the 2013 (Albuquerque, NM), 2014 (Seattle, WA), 2015 (Dallas, TX), 2016 (New Orleans, LA), 2017 (Denver, CO), 2018 (Charleston, WV), 2019 (Nashville, TN), 2024 (Anchorage, AK) AFTE meetings.

Awards

Recipient of the Exemplary Service Award from the Las Vegas Metropolitan Police Department in 2020.

Recipient of the 2010 Washington State Patrol Forensic Laboratory Services Bureau Civil Service Employee of the Year award.

Recipient of the Washington State Patrol Chief's Coins in 2007 and 2016.