

Mailing Address:

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Education and Training:

B.A., Biology	University of California, Berkeley (1977)
<i>Emeritus</i> , Comprehensive Criminalistics	American Board of Criminalistics (2018)
Measurement Traceability Training	ASCLD-LAB (2014)
Laser Microdissection Online Workshop	NIJ/NFSTC Technology Transfer Workshop (2013)
Automotive/Industrial Paint Workshop	MAFS Workshop (2012)
Microscopic Exam of Eco-Friendly Fibers	MAFS Workshop (2012)
Fracture Match Workshop	MAFS Workshop (2012)
5973 GC-MS Troubleshooting & Maintenance	Agilent Technologies Course (2011)
Certified International Technical Assessor	American Society of Crime Lab Directors- Laboratory Accreditation Board [ASCLD-LAB] (2011)
ASCLD/LAB International Assessor Training Course	ASCLD/LAB Course (2010)
Introduction to ISO/IEC 17025:2005	ASCLD/LAB (2010)
At the Legal Limit ± Uncertainty	ASCLD Workshop (2009)
Analysis of Low Explosives	Midwest Forensic Resource Center Course (2008)
ChemStation Data Analysis & Reporting	Agilent Technologies Course (2008)
ATF Comprehensive Fire Debris Analysis	NCFS Course (2007)
Trace Evidence Symposium	NIJ/FBI Training (2007)
Basic Fire Debris Analysis	W.F.L.E.T.C. Course (2007)
Instrumental Analysis of Explosives	FBI Academy Course (2006)
CODIS Procedures Training	FBI/SAIC Course, Virginia (2003)
ABI 310 Genetic Analyzer Training	Applied Biosystems (2002)
Certificate of Professional Competency	American Board of Criminalistics (1994-1999)
Certificate of Professional Competency	Calif. Assoc. of Criminalists (1989-1994)
Application of DNA Technology to Forensics Conference	U.C. Riverside Extension (1991)

Bloodstain Pattern Analysis Workshop	Calif. Assoc. of Criminalists (1989)
Isoelectric Focusing Workshop	N.E. Assoc. of Forensic Science, University of New Haven, CT (1987)
Advanced Forensic Microscopy	McCrone Research Institute (1985)
Basic Microscopy	McCrone Research Institute (1985)
Semen Analysis Course	Serological Research Institute (1982)
Forensic Alcohol Supervisor Course	State of Calif., Dept. Of Justice (1980)

Professional Affiliations:

American Society of Crime Lab Directors- Laboratory Accreditation Board (ASCLD-LAB)
Certified Technical Assessor (*member 2010 - present*)

American Association of Laboratory Accreditation (A2LA)
Accreditation Council (*member 2013 – present*)

Technical/Scientific Working Group for Fire and Explosives Analysis (TWGFEX)
Fire Education and Training Committee (*member 2012 – 2015*)

California Association of Criminalists (*member 1980 – 1998*)
Co-Chair, Serology Study Group, Southern Section (*1983 – 1987*)

American Academy of Forensic Sciences (*member 1980 – 1999*)

International Electrophoresis Society (*member 1985 – 1992*)

Professional Background:**2001 – present: Private Consulting Criminalist**

- 2016 – 2019: Consultant, Technical Supervisor (Drug Chemistry Unit) – St. Lucia Forensic Science Laboratory
2001 – 2015: Senior Forensic Scientist, Forensic Technical Leader/Manager (retired) – Tulsa Police Dept., Tulsa, OK
1985 – 2001: Criminalist/Lab Director – Forensic Science Services of CA, Inc.
1981 – 1985: Senior Criminalist – Los Angeles County Sheriff's Dept.
1980 – 1981: Criminalist – Contra Costa County Sheriff's Dept.

Honors and Awards:

- Tulsa Police Department Letter of Commendation (2012)
Tulsa Police Department Letter of Commendation (2006)
American Academy of Forensic Sciences Regional Award (1985)
The Paul Kirk Award – California Association of Criminalists (1984)

Audits and Assessments:

ASCLD-LAB *International* Accreditation Assessment Team member, City of Austin TX Police Department, 2015
ASCLD-LAB *International* Accreditation Assessment Team member, Virginia Department of Forensic Sciences, 2014
ASCLD-LAB *International* Accreditation Assessment Team member, Suffolk County, 2013
ASCLD-LAB *International* Accreditation Assessment Team member, Kentucky State Police, 2012

Publications and Presentations:

“Helpful Hints for a Better Electrophoresis Plate”, C.A.C. Spring Seminar, 1984
“A Method for the Detection of Haptoglobin in Thick Polyacrylamide Gels Using Methylamine-Based Silver Stain”, exhibit at A.A.F.S. Annual Meeting, 1985
“O-Tolidine/Silver Double Staining Method of Haptoglobin Protein in Thick Poly-Acrylamide Gels”, C.A.C. Spring Seminar, 1985
“Different Approach to the Use of p30 Quantitation in the Estimate of Semen Dilution”, C.A.C. Spring Seminar, 1985
“A Modified Wedge-Shaped Polyacrylamide Isoelectric Focusing Gel for PGM-Subtyping in Blood and Semen”, D. Sugiyama and Inman, K.P., A.A.F.S. Annual Meeting, 1989
“Forensic Serology”, presentation to the L.A. County Bar Association, 1995 ICDA Winter Seminar
“Satellite Imagery”, presentation to the L.A. County Criminal Defense Investigators Association meeting, January 1996
“The Future of Forensic Science”, presentation to the California Association of Licensed Investigators (CALI), 1996 Mid-Winter Conference
“A Closer Look at Evidence Evaluated by the Crime Labs”, presentation to L.A. County Public Defender-Training Program, June 1997
Guest Lecturer in Forensic Biology/DNA, Microscopy, Trace Evidence for Tulsa Community College, Fall Semester 2002 through 2010
“Urea-based ‘One Pot’ Methamphetamine Manufacture”, Lieser, J., Betts, G. and Sugiyama, D., Journal of CLIC Association 21:1 (Jan. 2011)
“The Art of the Criminalist”, presentation to the L.A. County Bar Association, 2017 ICDA Winter Seminar

Areas of Expertise:

FORENSIC SEROLOGY AND FORENSIC DNA-STR ANALYSIS REVIEW
DRUG CHEMISTRY ANALYSIS REVIEW
TRACE EVIDENCE (Hairs, Fibers, Glass) ANALYSIS REVIEW
CRIME SCENE RECONSTRUCTION
LABORATORY QUALITY ASSURANCE/ACCREDITATION COMPLIANCE

Court Qualified as an Expert in State, Superior, Municipal, Juvenile, Military and Federal Court(s) in California, Oklahoma, Nevada, Oregon, Arizona and Colorado. Testified as an expert in hearings and depositions in California and Oklahoma.

David M. Sugiyama

CONSULTING CRIMINALIST

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EXPERT SERVICES AND CONSULTATION – 2021

Reconstruction of Crime Scene Events

Review of casefile documents, lab reports, lab notes and photographs to reconstruct crime scene events independent of eyewitness observations, and to determine if items of physical evidence not examined may still provide additional information about crime scene events.

Blood Spatter Pattern Interpretation

Examination of bloodstain patterns on different surfaces to determine point of origin of blood, impact energy and trajectory of blood in the course of crime scene reconstruction

Case Review and Consultation

Review of casefile documents, lab reports, lab notes and photographs to determine if physical evidence examinations were performed properly, if any physical evidence remains that can be retested, and if there are any items of physical evidence that were not examined that may provide additional information about crime scene events.

Quality Assurance Compliance Auditing

Review of forensic laboratory quality policies and procedures, analytical policies and procedures, individual analyst training and qualifications and proficiency testing compliance with laboratory accreditation requirements.

Case review can be provided in the following areas of expertise:

Homicide and Sexual Assault Evidence Review
Forensic Serology/Forensic DNA-STR Analysis Review
Drug Chemistry Analysis Review
Crime Scene Reconstruction
Forensic Laboratory Quality Assurance and Accreditation Issues