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Physical Evidence Consultant
Certified Bloodstain Pattern Examiner
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SUMMARY

Thirty-three years experience in forensic examination. Strong technical experience in all phases of crime scene, physical evidence investigation and expert witness testimony. Work cooperatively with federal, state and local criminal justice agencies throughout the western United States. Provide private forensic identification and analysis in civil and criminal cases.

EXPERIENCE

2006-Present Physical Evidence Consultant

Review and analysis of physical evidence in criminal and civil cases
Expert Witness Testimony

2005-October 2011 City of Coburg, Oregon City Administrator (part-time)

Responsible for supervision of city operations and personnel issues

2005-May 2006 Lane County District Attorney, Eugene, Oregon Deputy Medical Examiner (part-time)

Responsible for on-call death scene investigation in compliance with Oregon State Statutes (146.085 Death Inv.)

1978-2005 Eugene Police Department, Eugene, Oregon Forensic Analyst (retired)

Responsible for major crime scene investigations, evidence identification and examination. Function as the technical representative to the Western Identification Network (WIN) Automated Fingerprint Identification System (AFIS)

- * Developed examination skills in latent print identification, footwear comparison, bloodstain pattern analysis, presumptive chemical tests, digital imaging, computerized reconstruction techniques, crime scene reconstruction, tool mark and firearm examination/comparison
- * Qualified as an expert witness in circuit courts of Oregon, Washington, California and Utah, federal court in Oregon and Fort Lewis, Washington.

EDUCATION

B. S. (Criminology), Indiana State University, Terre Haute, Indiana -1973

Undergraduate classes in chemistry, biology, computer science, criminalistics and photography, University of Oregon and Lane Community College, Eugene, Oregon -1975 through 1983

M. S. (Business Management), Marylhurst College, Marylhurst, Oregon-1987

PROFESSIONAL DEVELOPMENT and CIVIC ACTIVITIES

Los Angeles County, California Superior Court Approved Panel of Expert Witnesses

Certified Bloodstain Pattern Examiner, 0049, by the International Association for Identification (2010)

Licensed Private Investigator (PSID # 50158) by State of Oregon, DPSST (2010)

State of Oregon Medical Examiner's Office, Deputy Medical Examiner Training (2005)

Certified Senior Crime Scene Analyst by the International Association for Identification (1990-95, 2004-07)

Certified Instructor, Oregon Board of Public Safety Standards and Training (1992-1994, 2004)
(Forensics, Crime Scene Investigation, Police Photography, Bloodstain Analysis, Latent Print Processing and Identification)

Developed and implemented a computerized bloodstain pattern analysis program the first ever developed for this type of physical evidence.

City of Coburg, Oregon Councilor 1997-1999 and 2000-2005, Mayor 2000

Charter member, First Secretary Treasurer and former Educational Committee Chair, Western Regional Vice President, Ad hoc Committee member, Current Chair of the Certification Research Committee, International Association of Bloodstain Pattern Analysts

IAI – Past Member, Bloodstain Pattern Identification Committee

Invited Guest to SWGSTAIN Meeting, Fall 2010

2010 Co-Employee of the Year, City of Coburg

SPECIALIZED TRAINING and PRACTICAL WORK EXPERIENCE

Crime scene reconstruction / Bloodstain pattern analysis / Shooting reconstruction
Forensic Ridgeology
Latent print processing, comparison and examination
Automated Fingerprint Identification system (AFIS) operation and technical support
Footwear evidence examination
Video analysis
Videography
Presumptive blood test including species determination
Firearms and tool mark / pattern examination
Microscopy (general)
Photo microscopy
Microscopical examination and identification of explosives
Microcrystalline and spot plate test for controlled substances
Digital photography and enhancement techniques
Police photography
Physical matches / Impression tool marks
Serial number restoration
Trace Evidence collection and examination (hair and fiber)
Glass examination
Sexual assault evidence collection, examination and identification
Evidence packaging, integrity and custody
Expert witness testimony / Evidence presentation methodology

MEMBERSHIPS

American Academy of Forensic Sciences
International Association for Identification
International Association of Bloodstain Pattern Analysts
Association for Crime Scene Reconstruction

PUBLICATIONS

Co-Author-"Alternative Resources for Bloodstain Pattern Analysis, Journal of Bloodstain Pattern Analysis, Vol. 27, No. 2, June 2011

Author-"Alternative Crime Scene Reconstruction", The Oregon Defense Attorney, May/June 2011

Author-"The Development of an Alternative Crime Scene Reconstruction", Professional Investigator Magazine, August 2010

Author-"The Development of an Alternative Crime Scene Reconstruction", Expertpages.com, Expert Articles Library, March 2010

Contributor-"From Film to Digital," Evidence Technology Magazine, February 2004

Contributor- Bloodstain Pattern Analysis: With an Introduction to Crime Reconstruction, Bevel & Gardner, CRC Press, Inc., 1997, 2002, 2008

Contributing author-Interpretation of Bloodstain Evidence at Crime Scenes, Eckert & James, Elsevier Publishing Company, 1989

Author-"Measurement and Directionality of Individual Bloodstains Utilizing Instant Photography," The ABPA NEWS, 1989

Coauthor-"Geometric Bloodstain Pattern Interpretation Using a Computer Program," in the CRIME LABORATORY DIGEST, FBI, V14, 3, July 1987

CONSULTING AND TRAINING

The following is a list of agencies and associations that have requested my assistance in crime scene investigation/bloodstain pattern interpretation, forensic examination or have invited me to teach.

United States Army, Fort Lewis, Washington	(crime scene and bloodstain pattern analysis)
United States Attorney's Office, Eugene, Oregon	(digital photography, video analysis, latent print identification)
Washington State Coroner and Medical Examiner Association	(Instructor-bloodstain pattern analysis)
Yavapai County Attorney's Office, Prescott, Arizona	(Consultant –bloodstain pattern analysis)
Federal Bureau of Investigation, Washington, D.C.	(Consultant, IAFIS, latent tracing)
Lockheed Martin Corporation, Orlando, Florida	(Consultant, IAFIS, latent tracing)
Oregon State Council of Perioperative Nurses	(Instructor-evidence collection, preservation and bloodstain analysis)
Oregon State Police Forensics Laboratory, Springfield, Oregon	(Consultant- bloodstain pattern analysis, Instructor-shoe print collection and photography)
Oregon State Police Forensics Laboratory, Coos Bay, Oregon	(Consultant-bloodstain pattern analysis)
Lane County Sheriff's Office, Eugene, Oregon	(Consultant-bloodstain pattern analysis and digital photography)
Lane County Medical Examiner's Office	(Forensic photography, bloodstain pattern analysis, fingerprints, digital facial reconstruction)
Lane County District Attorney, Eugene, Oregon	(Consultant-bloodstain pattern analysis, evidence presentation methodology)
Coos County District Attorney, Coquille, Oregon	(Consultant-bloodstain pattern analysis)

CONSULTING AND TRAINING (continued)

Public Defenders Services of Lane County

Reserve Officer Program, Lane County Oregon
Recruit Training Program, Eugene Police
Lane Community College, Eugene, Oregon
Linn- Benton Community College, Albany, Oregon
University of Oregon, Department of Chemistry
Bush Veterinary Animal Hospital, Eugene, Oregon
Lane Community College Cottage Grove, Oregon
Oregon Association of Licensed Investigators
Oregon Criminal Defense Lawyers Association
Lane County Defense Consortium
Southern Oregon Public Defenders, Inc.

Navajo County Arizona Public Defender
Montana State Public Defender
Marion County Oregon Public Defender
Clark County Washington Indigent Defense

(Instructor-ridgeology, crime scene reconstruction, latent analysis)
(Instructor)
(Instructor)
(Guest Lecturer-forensics, bloodstain pattern analysis)
(Guest Lecturer-forensics, bloodstain pattern analysis)
(Guest Lecturer-forensics, bloodstain pattern analysis)
(Animal abuse-gun shot wound examination)
(Instructor-ridgeology, bloodstain pattern analysis)
(Instructor-ridgeology, bloodstain pattern analysis)
(Instructor-ridgeology, bloodstain pattern analysis)
(Instructor-ridgeology)
(latent print analysis, processing, shooting reconstruction)
(shooting reconstruction, bloodstain pattern analysis)
(latent print analysis)
(latent print analysis)
(shooting reconstruction, latent print analysis)

EXPERT TESTIMONY

Bloodstain pattern analysis and crime scene reconstruction
Crime scene investigation
Latent print identification and processing
Shooting reconstruction (bullet flight path determination and documentation)
Footwear impression identification and processing
Death Investigation
Serial number restoration
Firearms operation (test firing) and identification
Presumptive blood test
Marijuana identification
Digital photography
Evidence integrity and chain of custody procedures

REFERENCES

References available upon request.