



Alaska Scientific Crime Detection Laboratory Statement of Qualifications

Name	David Kanaris	Date	June 2019
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Job Title	Assistant Chief
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Indicate all disciplines in which you currently perform testing or calibration work according to the Scope of Accreditation:

<input type="checkbox"/>	Drug Chemistry	<input type="checkbox"/>	Toxicology - Testing
<input checked="" type="checkbox"/>	Biology	<input type="checkbox"/>	Firearms/Toolmarks
<input checked="" type="checkbox"/>	Latent Prints	<input type="checkbox"/>	Crime Scene
<input type="checkbox"/>	Breath Alcohol (non-accredited discipline)		

For each discipline checked in the table above, list all categories in which you perform work:

Latent Prints: Footwear Impression Evidence, Biology: Body Fluid Identification

Education: List all higher academic institutions attended (list high school only if no college degree has been attained).

Institution	Dates Attended	Major	Degree Completed
Keele University, UK	09/1999-06/2002	Neuroscience and Biological and Medicinal Chemistry	B.Sc (Hons)

Continuing Education: List formal coursework, conferences, workshops, in-service and other training received applicable to past and current forensic related positions.

Course Title	Source of Training	Date(s) of Training
Forensic ISO/IEC:2017 Internal Auditor Training (3.5 days)	ANAB	Jun 2019
National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Phoenix, AZ (4 days)	NIST	Dec 2018
3D Interview Methods (1 day)	State of Alaska	Jun 2018
National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Chicago, IL (4 days)	NIST	Mar 2018
Leadership Excellence (2 days)	State of Alaska	Feb 2018
Change Management (1 day)	State of Alaska	Nov 2017
Science in the Courtroom (2 days)	Val Van Brocklin, Alaska Scientific Crime Detection Laboratory	Aug 2017
Mobile 3D-Scanner and 3D Data Analysis for Footwear/Tire Impression Evidence Workshop (4 hours)	Stephen Crabbe, 3D-Forensics, IAI Conference, Atlanta, GA	Aug 2017
Advanced Digital Imaging for the Footwear Examiner Workshop (4 hours)	Brian McVicker, FBI, IAI Conference, Atlanta, GA	Aug 2017

National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Leesburg, VA (4 days)	NIST	Apr 2017
Academy for Supervisors (1 week)	State of Alaska	Jan 2017
National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Phoenix, AZ (4 days)	NIST	Jul 2016
Impression Working Group Meeting, Portland, OR (3 days)	Northwest Association of Forensic Scientists (NWAFS)	Apr 2016
National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Leesburg, VA (4 days)	NIST	Jan 2016
Completed competency test and mock court for Footwear Impression Evidence	Alaska Scientific Crime Detection Laboratory	Jan 2016
Footwear Impression Evidence Training (4 days)	Arizona Department of Public Safety, Phoenix Laboratory, AZ	Sep 2015
Juror Centric Approach to Expert Testimony Workshop (4 hours)	Alicia Wilcox, IPES, San Antonio, TX	Aug 2015
Expert Witness Testimony Techniques for Forensic Examiners in a Post-Daubert/NAS Report and Current NCFS Environment Workshop (4 hours)	Ron Smith, IPES, San Antonio, TX	Aug 2015
Statistical Methods for Forensic Decision-Making Workshop (1 day)	Stephen Morgan, IPES, San Antonio, TX	Aug 2015
How Xtreme is Extreme Wear in Footwear Analysis Workshop (4 hours)	Jon Byrd, IAI Conference, Sacramento, CA	Aug 2015
Completed Alaska Scientific Crime Detection Laboratory Footwear Training Manual (3 months)	Alaska Scientific Crime Detection Laboratory	Apr 2015
Appointed to and attended National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread (3 days), Norman, OK	NIST	Jan 2015
Bloodstain Pattern Analysis I (1 week)	Bevel Gardner & Assoc., Alaska Crime Lab	Aug 2014
Describe, Define, Defend and Demonstrate Workshop (4 hours)	Mark Zabinski, Minneapolis, MN	Aug 2014
Examination of Bloodstain Patterns on Clothing (4 hours)	Tom Griffin, IAI Conference, Minneapolis, MN	Aug 2014
Documentation and Recovery of 2D Footwear Impression Evidence (2 hours)	Jason Cole, IAI Conference, Minneapolis, MN	Aug 2014
Detection, Recovery and Examination of Footwear Impression Evidence (1 week)	Bill Bodziak, Jacksonville, FL	Mar 2014
Documenting and Collecting Snow Impression Evidence	Jim Wolfe, Alaska Crime Lab	Jan 2014

(1 day)		
Documenting and Collecting Soil Impression Evidence (1 day)	Jim Wolfe, Alaska Crime Lab	Sep 2013
Examination of Footwear Impression Evidence (4 hours)	Bill Bodziak, IAI Conference, Providence, RI	Aug 2013
Introduction to the Recovery of Footwear and Tire Impression Evidence (4 hours)	Bill Bodziak, IAI Conference, Providence, RI	Aug 2013
How Does One Make a Lasting Impression (2 hours)	Wade Knapp, IAI Conference, Providence, RI	Aug 2013
Recovery and Documentation of Footwear Evidence (2.5 hours)	King C. Brown, IAI Conference, Providence, RI	Aug 2013
Tire Impression Evidence (1 day)	Jim Wolfe, Alaska Crime Lab	Apr 2013
Introduction to Blood Pattern Analysis (3 days)	West Virginia University (Online)	Mar 2013
Documenting and Collecting Snow Impression Evidence (1 day)	Jim Wolfe, Alaska Crime Lab	Jan 2013
Hair Evaluation for DNA Analysis (3 days)	West Virginia University (Online)	Jan 2013
Semen, blood and trace training and competency test (2 weeks)	Kristin Vaona, Alaska Crime Lab	Jan 2013
National Occupational Standards Forensic Footwear Mark Discipline (3 days)	Sheffield, UK	Jan 2010
Footwear Marks Coding and Intelligence (1 week)	National Policing Improvement Agency (NPIA), Durham, UK	Sep 2009
An Introduction to Forensic Podiatry (1 day)	Wesley Vernon, Sheffield, UK	Jun 2009
Selection and Recruitment (2 days)	West Midlands Police, Birmingham, UK	Jun 2009
Management Foundation Module (1 week)	West Midlands Police, Birmingham, UK	Feb 2009
Courtroom Presentation Skills (3 days)	Dave Scaysbrook, Forensic Science Service (FSS), UK	Jun 2007
National Footwear Reference Collection Super User Training	Richard Wickham, Forensic Science Service (FSS), Birmingham(1 day), UK	Jun 2006

Testimony: Complete the information below for testimony provided.

Discipline or Category of Testimony	Period of Time in Which Testimony Occurred	Approximate Number of Times Testified
Biological Screening	2013-Present	9

Professional Affiliations: List professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

Organization	Period of Membership	Offices or Positions Held/Dates
International Association for Identification (IAI)	2013-present	General Forensic Committee Member (2014-2015)
National Institute for Standards and Technology (NIST)	2014-present	Subject Area Committee Member for Footwear and Tire Tread. Task group chair for training and

		competency (2014-2018), task group chair for articulation and interpretation (2018-present)
Northwest Association of Forensic Scientists (NWAFS)	2016-present	

Employment History: List all scientific or technical positions held, particularly those related to forensic science. **List current position first.** Add additional sections as necessary.

Job Title	Assistant Chief, Forensic Laboratories	Tenure	January 2018-Present
Employer	Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Supervise the forensic discipline supervisors. Set laboratory performance standards for Forensic Scientist personnel. Develop internal policies and procedures and make decisions based on the needs of the laboratory and the capabilities of workforce and equipment. Develop and coordinate training for staff and law enforcement personnel in forensic science and related areas. Perform scientific techniques in the identification of body fluids, i.e., blood and semen and hairs. Perform comparisons of known footwear to questioned impressions and of questioned impressions to questioned impressions. Classify the make and model of footwear from questioned impressions by way of searching appropriate databases. Write reports communicating findings to law enforcement agencies. Testify as an expert witness.			

Job Title	Forensic Scientist IV- Physical Section Supervisor	Tenure	January 2017-January 2018
Employer	Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform scientific techniques in the identification of body fluids, i.e., blood and semen and hairs. Perform comparisons of known footwear to questioned impressions and of questioned impressions to questioned impressions. Classify the make and model of footwear from questioned impressions by way of searching appropriate databases. Write reports communicating findings to law enforcement agencies. Testify as an expert witness. Supervise the physical disciplines (crime scenes, latent prints, firearms/toolmarks, footwear). Perform case management, budgetary and personnel duties.			

Job Title	Forensic Scientist III	Tenure	December 2012-January 2017
Employer	Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform scientific techniques in the identification of body fluids, i.e., blood and semen and hairs. Perform comparisons of known footwear to questioned impressions and of questioned impressions to questioned impressions. Classify the make and model of footwear from questioned impressions by way of searching appropriate databases. Write reports communicating findings to law enforcement agencies. Testify as an expert witness.			

Job Title	Forensic Scientist/Footwear Mark Intelligence Manager	Tenure	January 2009-March 2010
Employer	West Midlands Police, Birmingham, UK		
Provide a brief description of principal duties:			
Overall management responsibility for a small multi disciplinary team of dedicated footwear mark specialists. Responsibility for setting up and ongoing progression of the in force footwear intelligence service. Raising awareness of footwear marks both evidentially and for intelligence purposes through publicity and contact with all strands of operational policing. Attendance on regional and national courses. Attendance of national footwear board meetings and input to national occupational standards (NOS) for this evidence type. Perform analysis of crime scene and custody impressions. Conduct in depth comparison of suspect footwear against crime scene impressions. Write reports communicating findings to law enforcement agencies. Testify as an expert witness.			

Job Title	Forensic Examiner	Tenure	January 2005-January 2009
Employer	Forensic Science Service, Chepstow, UK		
Provide a brief description of principal duties:			
Recovery and examination of casework items for blood, semen, DNA of wearer, footwear marks and cases involving noxious substances.			

Designated National Footwear Reference Collection (NFRC) super user. Role entails dealing with internal and external enquiries, updating and maintaining current collection and statistics and administrating new online Footwear Intelligence Technology (FIT). From August 2006 seconded to various Police Forces/Constabularies setting up of Intelligence Services. Role entails training Police personnel, setting up of working practices, various publicity aimed at raising profile of Forensic Evidence, discussions with senior Police Staff, provision of real time Forensic Intelligence, urgent screening facility.

Job Title	Molecular Imaging Technician	Tenure	November 2003-December 2009
Employer	Forensic Science Service, Chepstow, UK		
Provide a brief description of principal duties:			
Recovery and examination of casework items for blood, semen, DNA of wearer, footwear marks and cases involving noxious substances. Designated National Footwear Reference Collection (NFRC) super user. Role entails dealing with internal and external enquiries, updating and maintaining current collection and statistics and administrating new online Footwear Intelligence Technology (FIT). From August 2006 seconded to various Police Forces/Constabularies setting up of Intelligence Services. Role entails training Police personnel, setting up of working practices, various publicity aimed at raising profile of Forensic Evidence, discussions with senior Police Staff, provision of real time Forensic Intelligence, urgent screening facility.			

Other Qualifications: List below all personal certifications identifying the issuing organization and the dates; all scientific publications and/or presentations you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualifications.

Certifications

Aug 2016 Certified Footwear Examiner with the International Association for Identification (valid for 5 years)

Professional Lectures

Aug 2017 Delivered lecture on Developing and Utilizing a Local Footwear Reference Collection to other forensic professionals at International Association for Identification Conference in Atlanta, GA

Classes Taught to Law Enforcement Personnel:

Oct 2018 Delivered Crime Lab 101 and PCAST awareness training at District Attorneys conference (1.5 days)

Oct 2016 Delivered Forensic Awareness Training to Fairbanks Law Enforcement Training Academy (1 day)

Apr 2016 Delivered Forensic Awareness Training to Fairbanks Law Enforcement Training Academy (1 day)

Dec 2015 Delivered Forensic Awareness Training for Homer, Kenai and Soldotna PD, Soldotna, AK (2 days)

Oct 2014 Delivered Forensic Awareness Training to Alaska State Trooper Recruits at the DPS Academy, Sitka (4 days)