**Name: David Kanaris Date of Last Update: 6/7/2024**

**Job Title: Forensic Science Laboratory Administrator 2 (Chief)**

**Indicate all disciplines in which you currently perform testing or calibration work:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [ ]  | **Seized Drugs** |  | [ ]  | **Blood Alcohol (Toxicology – Testing)** |
| [ ]  | **Biology** |  | [ ]  | **Firearms/Toolmarks** |
| [ ]  | **Latent Prints (Friction Ridge)** |  | [ ]  | **Crime Scene** |
| [ ]  | **Breath Alcohol (Toxicology - Calibration)** |  | [x]  | **Impressions (Footwear)** |

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

|  |
| --- |
| Impressions (Footwear) |

**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 |
| Testimony and Daubert Training | Ben McGough | Jun 2024 |
| Association of Firearm Toolmark Examiners (AFTE) Conference, Anchorage, AK (4 days) | AFTE | May 2024 |
| National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Jacksonville, FL (3 days) | NIST | May 2024 |
| Long-Term Vision and Strategic Priorities for Forensic Science in the United States, Gaithersburg, MD (2 days) | NIST | Sept 2023 |
| International Association for Identification Conference, National Harbor, MD (3 days) | IAI | Aug 2023 |
| American Society of Crime Laboratory Directors Symposium, Austin TX (4 days) | American Society of Crime Laboratory Directors | May 2023 |
| National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Houston, TX (4 days) | NIST | Apr 2023 |
| National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Orlando, FL (4 days) | NIST | May 2022 |
| Singapore National Police Forensic Conference – Redefining Forensics, Advancing Investigations | Singapore Police Force, Singapore | Nov 2019 |
| Advanced Digital Imaging for the Footwear Examiner Workshop (4 hours) | Brian McVicker, FBI, IAI Conference, Reno, NV | Aug 2019 |
| National Institute of Standards and Technology (NIST) Subject Area Committee (SAC) for Footwear and Tire Tread meeting, Orlando, FL (4 days) | NIST | Jul 2019 |
| 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 (1 day) | Jim Wolfe, Alaska Crime Lab | Jan 2014 |
| 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 |
| Footwear Comparison Training | Forensic Science Service (FSS), Chepstow, UK (2 weeks followed by 6months mentorship) | 2006 |
| Evidence Recovery Unit (Biological Screening) Training | Forensic Science Service (FSS), Birmingham (1 month), UK | 2005 |

**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 | 2013-2018 | 12 |
| Impressions (Footwear) | 2016-Present | 1 |

**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 |
| Western Intermountain Lab Directors (WILD) | 2021-present | Member |
| American Society of Crime Laboratory Directors (ASCLD) | 2019-present | Member, Forensic Research Committee Member (2023-present) |
| Center for Statistics and Applications in Forensic Evidence (CSAFE) | 2020-present | Practitioner and Technical Advisory Board (PTAB) Member |
| International Association for Identification (IAI) | 2013-present | General Forensic Committee Member (2014-2015), Footwear & Tire Science and Practice Subcommittee Member (2019-present) |
| 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-October 2019). Subcomittee chair (October 2019-Present) |
| Northwest Association of Forensic Scientists (NWAFS) | 2016-2018 | Member |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title** | Chief, Forensic Laboratories | **Tenure** | July 2019-Present |
| **Employer** | Alaska Scientific Crime Detection Laboratory |
| Provide a brief description of principal duties: |
| Supervise the assistant laboratory chief, criminal justice planner, maintenance specialists, administrative staff, quality assurance manager, and DNA technical manager. Set laboratory performance standards for Forensic Scientist personnel. Develop internal and external policies and procedures and make decisions based on the needs of the laboratory and the capabilities of workforce and equipment. Overall budgetary and sitewide authority for the crime lab. Develop and coordinate training for staff and law enforcement personnel in forensic science and related areas. 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** | Assistant Chief, Forensic Laboratories | **Tenure** | January 2018-July 2019 |
| **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: |
| Supervise the physical disciplines (crime scenes, latent prints, firearms/toolmarks, footwear). Perform case management, budgetary and personnel 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 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 impresions. 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** | Cardiff University, UK |
| Provide a brief description of principal duties: |
| Work on developing cell culture lines, laser microinjection and other scientific and technical methods. Work with hazardous chemical disposal and safety protocols. Work as assigned from numerous research groups and grants. |

**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.

|  |
| --- |
| CertificationsAug 2016 Certified Footwear Examiner with the International Association for Identification (valid for 5 years)Professional LecturesSept 2023 Delivered presentation @ Long Term Vision and Strategic Priorities for Forensic Science in the US meeting in Gaithersburg, MDNov 2019 Delivered lecture titled The Role of Footwear Impressions as both a Real-Time Investigative Tool and High Level Evidential Tool to Forensic and Law Enforcement Professional with Singapore Police Force and Singapore Health Services Authority, Applied Sciences branch at Singapore Police Force annual conference titled Advancing Science, Redefining Forensics.Aug 2019 Delivered panel discussion on Articulating Conclusions in Footwear Impression Evidence to other forensic professionals at International Association for Identification Conference in Reno, NV.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 Criminal Justice System Personnel:Dec 2023 Delivered multiple sessions at Forensic Science Legal Academy for all criminal justice system stakeholders (3 days)Dec 2022 Delivered multiple sessions at Forensic Science Legal Academy for all criminal justice system stakeholders (2 days)Oct 2022 Delivered Crime Lab overview at District Attorneys Conference (1 hour)Dec 2021 Delivered multiple sessions at Forensic Science Legal Academy for all criminal justice system stakeholders (2 days) Oct 2021 Delivered Crime Lab overview at District Attorneys Conference (1 hour)Oct 2019 Delivered Crime Lab 101 at District Attorneys conference (1 hour)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) |