**Alaska Scientific Crime Detection Laboratory**

**Statement of Qualifications**

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| **Name** | Ashley M. Lankford | **Date** | June 22, 2021 |

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| **Job Title** | Forensic Scientist IV – Physical  Quality Assurance Manager  Evidence Supervisor  Safety Coordinator  Quantitative Alcohol Analyst |

**Indicate all disciplines in which you currently perform testing or calibration work according to the Scope of Accreditation:**

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|  | **Drug Chemistry** |  | **Toxicology - Testing** |
| **☐** | **Biology** | **☐** | **Firearms/Toolmarks** |
| **☐** | **Latent Prints** | **☐** | **Crime Scene** |
| **☐** | **Breath Alcohol (non-accredited discipline)** |

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

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| Qualitative Determination (Volatiles), Quantitative Measurement (Volatiles) |

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

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| Institution | Dates Attended | Major | Degree Completed |
| University of Central Oklahoma | 2008-2010 | Forensic Science – Criminalistics | MS |
| Missouri Southern State University | 2006-2007 | N/A | N/A |
| Oklahoma State University | 2001-2005 | Biological Sciences | BS |

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

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| Course Title | Source of Training | Date(s) of Training |
| JusticeTrax User Group Meeting | Presented by JusticeTrax; Online; Anchorage, AK (10 Hours) | November 2020 |
| Is it Hemp or Marijuana? Deciphering the Science and the Law | Presented by Barry Logan with NMS; Online; Anchorage, AK (1 Hour) | April 2020 |
| Forensic ISO/IEC 17025:2017 Internal Auditor Training Course | Presented by Emma Dutton with ANAB; Anchorage, AK (26 Hours) | June 2019 |
| ANAB ISO/IEC 17025:2017 and AR 3125 Assessor Training | ANAB – Online; Anchorage, AK (2 Hours) | April 2019 |
| Effective Meetings: A Training and Development Special Session Course | Presented by State of Alaska Department of Administration Division of Personnel and Labor Relations; Anchorage, AK (1 Hour) | September 2018 |
| Writing for the Workplace Spring 2018 | Presented by Jim Hale; Anchorage, AK (8 Hours) | March 2018 |
| Navigating ISO/IEC 17025:2017 – Comparison to ISO/IEC 17025:2005 | ANAB – Online; Anchorage, AK (6 Hours) | March 2018 |
| ANAB Delta to AR 3028 – Assessors | ANAB – Online; Anchorage, AK (2 Hours) | January 2018 |
| Measurement Traceability – ASCLD/LAB Assessor Training | ANAB – Online; Anchorage, AK (2 Hours) | January 2018 |
| ANAB Forensic: Auditing Principles – May 2017 | ANAB – Online; Anchorage, AK (0.5 Hours) | January 2018 |
| The Robert F. Borkenstein Course on Alcohol & Highway Safety: Testing, Research & Litigation | Indiana University: Center for Studies of Law in Action; Bloomington, IN (40 Hours) | December 2017 |
| One Agilent Seminar: Optimizing Important GC Parameters, The Intuvo9000: New GC Technology, LC and GC Mass Spectrometry Advancements and Optimizations | Agilent Technologies; Anchorage, AK (3 Hours) | September 2017 |
| Breath Test Supervisor Certification School | Breath Alcohol Discipline - State of Alaska Scientific Crime Detection Laboratory; Anchorage, AK (22 Hours) | August 2017 |
| Science in the Courtroom: A Legal, Practical and Evidence-Based Guide for the Forensic Specialist | Presented by Val Van Brocklin – State of Alaska Scientific Crime Detection Laboratory; Anchorage, AK (16 Hours) | August 2017 |
| Fentalogs: Pharmacology, Toxicology, and Analytical Approaches | National Institute of Justice with RTI International – Online; Anchorage, AK (1Hour) | August 2017 |
| Thermo Scientific TruNarc Analyzer Operational Training Course | ThermoFisher Scientific – Online; Anchorage, AK (1.5 Hours) | May 2017 |
| State of Alaska Scientific Crime Detection Laboratory “Leadership and Communication” | The Growth Company – Karen Casanovas, Senior Associate; Anchorage, AK (4 Hours) | April 2017 |
| Academy for Supervisors | State of Alaska Department of Administration Division of Personnel and Labor Relations; Anchorage, AK (37.5 Hours) | May 2016 |
| ASCLD/LAB Assessor Course for Testing Laboratories Class #122 | American Society of Crime Laboratory Directors – Laboratory Accreditation Board; Ontario, CA (32 Hours) | October 2015 |
| In House Training for Quantitative Alcohol | State of Alaska Scientific Crime Detection Laboratory; Anchorage, AK (5 Months) | August 2015 |
| “Legal” Drug Use Through Chemistry: An Overview of the Synthetic Drug Dilemma Webinar | Justice Clearinghouse; Anchorage, AK (1 Hour) | April 2015 |
| Alaska Criminal Justice Information System Security Awareness Training | State of Alaska Scientific Crime Detection Laboratory; Anchorage, AK (1 Hour) | April 2015 |
| Clandestine Laboratory Safety Refresher Training | Statewide Drug Enforcement Unit (SDEU/ABADE); Anchorage, AK (3 Hours) | April 2015 |
| In-House Training for Controlled Substances | State of Alaska Scientific Crime Detection Laboratory; Anchorage, AK (2 Months) | March 2012 |
| Forensic Chemist Seminar | Drug Enforcement Administration; Sterling, VA (40 Hours) | March 2008 |
| In-House Training for Controlled Substances | Missouri State Highway Patrol; Jefferson City, MO (24 Hours) | February 2008 |
| In-House Training for Controlled Substances | Missouri State Highway Patrol; Jefferson City, MO (16 Hours) | August 2007 |
| Continuing Education for Forensic Professionals | National Institute of Justice/West Virginia University Forensic Science Initiative; Orlando, FL (24 Hours) | March 2007 |
| Continuing Education for Forensic Professionals | 35th Annual Midwestern Association of Forensic Scientists; Indianapolis, IN (24 Hours) | October 2006 |
| Courtroom Testimony Techniques | Ron Smith and Associates, INC/The International Association for Identification/Mid-West Forensics Resource Center; Ames, IA (16 Hours) | October 2006 |
| In-House Training for Controlled Substances | Missouri Southern State University Regional Crime Laboratory; Joplin, MO (6 Months) | November 2005 |

**Testimony:** Complete the information below for testimony provided.

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| Discipline or Category of Testimony | Period of Time in Which Testimony Occurred | Approximate Number of Times Testified |
| Quantitative Alcohol (Alaska) | October 2016 – Present | 6 |
| Breath Alcohol (Alaska) | September 2018 - 2020 | 1 |
| Controlled Substances (Alaska) | June 2013 – Present | 11 |
| Controlled Substances (Missouri) | 2006 – 2009 | ~10 |

**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.

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| Organization | Period of Membership | Offices or Positions Held/Dates |
| International Association for Chemical Testing | May 2018 - Present | Regular Member |

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

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| **Job Title** | Forensic Scientist IV | **Tenure** | March 2016 - Present |
| **Employer** | Alaska Department of Public Safety Scientific Crime Detection Laboratory; Anchorage, AK | | |
| Provide a brief description of principal duties: | | | |
| Analysis of evidence for controlled substances, quantitation of blood and beverage alcohol content, and court testimony. Provide structure, monitoring, and maintenance for the laboratory quality assurance program. Monitor and coordinate the laboratory safety program. Evidence Supervisor March 2016 – October 2017 and January 2019 – Present: employee supervision of the evidence section and client communication in relation to evidence submission. LIMS Administrator June 2019 – November 2019: Worked with vendor to discuss upgrade needs, project deficiencies, and in-house user support. | | | |

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| **Job Title** | Forensic Scientist III | **Tenure** | March 2012 – March 2016 |
| **Employer** | Alaska Department of Public Safety Scientific Crime Detection Laboratory; Anchorage, AK | | |
| Provide a brief description of principal duties: | | | |
| Analysis of evidence for controlled substance, quantitation of blood and beverage alcohol content, and court testimony. | | | |

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| **Job Title** | Analyst I/II/III/Wet Chemistry Supervisor | **Tenure** | August 2008 – March 2012 |
| **Employer** | Analytical Research Laboratories; Oklahoma City, OK | | |
| Provide a brief description of principal duties: | | | |
| Compendial testing of raw materials, method development/validation, patent infringement testing, instrument maintenance, quantitative analysis, client relations, project management, employee supervision. | | | |

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| **Job Title** | Criminalist I | **Tenure** | May 2007 – July 2008 |
| **Employer** | Missouri State Highway Patrol Crime Laboratory Division; Joplin, MO | | |
| Provide a brief description of principal duties: | | | |
| Analysis of evidence for controlled substances, court testimony. | | | |

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| **Job Title** | Drug Chemist | **Tenure** | November 2005 - May 2007 |
| **Employer** | Missouri Southern State University Regional Crime Laboratory; Joplin, MO | | |
| Provide a brief description of principal duties: | | | |
| Analysis of evidence for controlled substance, court testimony. (Regional laboratory was integrated into highway patrol system in May of 2007.) | | | |

**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.

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| ANAB Technical Assessor: 4 Assessments  Breath Test Supervisor: 2017 - 2020 |