



Alaska Scientific Crime Detection Laboratory Statement of Qualifications

Name	Derek Walton
Date	June 20 th , 2019

Job Title	Alaska Scientific Crime Detection Laboratory
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Indicate all disciplines in which you currently perform testing or calibration work according to the Scope of Accreditation:

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

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

Controlled Substances Analysis, Latent Print Processing, Breath Alcohol Program, Blood/Beverage Alcohol Quantitation
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Education: List all higher academic institutions attended (list high school only if no college degree has been attained).

Institution	Dates Attended	Major	Degree Completed
Kalamazoo College	2006 – 2010	Chemistry	BA

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
Controlled Substances Training Program	State of Alaska Scientific Crime Detection Laboratory	10/14 – 6/15
"Chemistry in the Courtroom: Demystifying Science for Judge and Jury"	Justice Clearinghouse Webinar	02/19/15
Drug Trends in AK; Marijuana Legalization in CO	DRE In-Service Training Program	03/02 – 03/03/15
Clandestine Laboratory Safety Refresher Training	Alaska Scientific Crime Detection Laboratory	04/01/15
"Legal" Drug Use Through Chemistry: An Overview of the Synthetic Drug Dilemma	Justice Clearinghouse – Online	04/16/15
Controlled Substances Actions on Human Physiology	Department of Health and Social Services presentation at the DEA Basic Course	04/19/16
"Unveiling the Mysteries Behind HPLC and GC Resolution: From Theory to Practice in 30 minutes"	American Chemical Society – Online	09/15/16
A Better Understanding of Cannabis Chemistry to Aid in Vapor Phase Detection	National Institute of Standards and Technology – Online	11/08/16
Nuclear Magnetic Resonance (NMR) in Forensic Drug Analysis	National Institute of Standards and Technology – Online	11/08/16
Quantifying the Weight of Friction Ridge Evidence: Score-based Likelihood Ratio for Fingerprint	National Institute of Standards and Technology – Online	11/08/16
RamTest-CSI Handheld Raman Analyzer: New Technology for Public Safety	International Public Safety Association – Online	11/14/16
Latent Print Processing Training Program	State of Alaska Scientific Crime Detection Laboratory	09/16 – 01/17
Firearms Safety Training	Washington D.C. Metropolitan Police – Online	04/03/17
"Leadership and Communication"	The Growth Company	04/25/17
TruNarc Analyzer Operational Training	Thermo Scientific – Online	05/02 – 05/22/17
Naloxone Training and Opioid Rescue Kits	Alaska Department of Public Safety	05/24/17
Bath Salts and Synthetic Drugs Workshop	Alaska Department of Public Safety	06/22/2017
"Science in the Courtroom: A Legal, Practical, and Evidence-Based Guide for the Forensic Scientist"	Val Van Brocklin, former Alaska District Attorney, via State of Alaska Scientific Crime Detection Laboratory	08/16 – 08/17/17

Datamaster DMT Supervisor Training Program	State of Alaska Scientific Crime Detection Laboratory	08/22 – 08/24/17
Forensic Alcohol Training Program	State of Alaska Scientific Crime Detection Laboratory	07/17 – 06/18
DOT Security Awareness Training	MSDSonline Training Center	09/14/17
DOT Shipper Training	MSDSonline Training Center	09/20/17
One Agilent Seminar	Agilent Technologies	09/20/17
Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation	Indiana University – Center for Studies of Law in Action	12/03 – 12/08/17
Synthetic Drug Threats in the United States: 2018 Update	National Drug Early Warning System (NDEWS)/ National Institute on Drug Abuse (NIDA)	04/18/18
Intoximeters DMT Maintenance School	Intoximeters, Inc.	04/15 – 04/17/19
3D Interviewing Course	State of Alaska Department of Administration	04/19/19
Dani DiscovIR GC-FTIR Installation Training	Spectra Analysis	04/29 – 05/01/19
Forensic ISO/IEC 17025:2017 Internal Auditor Training	ANSI Nation Accreditation Board (ANAB)	06/17 – 06/20/19

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
Drug Chemistry	2016 – 2018	8
Forensic Alcohol	2018 – 2019	3

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
American Academy of Forensic Sciences (AAFS)	02/16 – Present	
International Association of Chemical Testers (IACT)	05/18 – 04/19	

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	Forensic Scientist III	Tenure	11/2017 – Present
Employer	Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform controlled substances analysis, as well as blood and beverage alcohol quantitative analysis, Process items to develop and digitally preserve latent prints, Maintain and repair evidential breath test instruments, Train breath test supervisors and prepare operator training materials, Testify to analytical findings in court, Perform technical and administrative review of controlled substances reports, quantitative blood and beverage alcohol reports, and breath test instrument documentation generated by other trained forensic scientists, Maintain analytical instrumentation			

Job Title	Forensic Scientist II	Tenure	11/2015 – 11/2017
Employer	Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform controlled substances analysis, Process items to develop and digitally preserve latent prints, Testify to findings in court, Perform technical and administrative review of controlled substance reports generated by other trained forensic scientists, Maintain analytical instrumentation			

Job Title	Forensic Scientist I	Tenure	10/2014 – 11/2015
Employer	Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform controlled substances analysis, Testify to findings in court, Maintain analytical instrumentation			

Job Title	Quality Control Analyst II	Tenure	06/2013 – 03/2014
Employer	Hospira Boulder, Inc.		
Provide a brief description of principal duties:			
Pharmaceutical drug substance chemical testing, Instrument validation, Instrument maintenance program coordination			

Job Title	Quality Control Analyst I	Tenure	04/2012 – 05/2013
Employer	Hospira Boulder, Inc.		
Provide a brief description of principal duties:			
Pharmaceutical drug substance chemical testing, Instrument maintenance, Laboratory compliance, Audit remediation support			

Job Title	Quality Control Technician (contract)	Tenure	09/2011 - 03/2012
Employer	Kelly Services, Inc. (all work performed at Hospira Boulder, Inc.)		
Provide a brief description of principal duties:			
Laboratory compliance, Laboratory support functions, Raw material and in-process chemical testing			

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.

Law Enforcement Training Provided:

04/2016 – Drugs in Alaska; Color Testing of Controlled Substances, DEA Basic Course, Alaska State Crime Lab (2 hours)
01/2018 – Alcohol Physiology and Pharmacology; Evidence Submissions, Breath Test Supervisor School, Alaska State Crime Lab (1.5 hours)
10/2018 – Alcohol Physiology and Pharmacology; Evidence Submissions, Breath Test Supervisor School, Alaska State Crime Lab (1.5 hours)
01/2019 – Alcohol Physiology and Pharmacology; Evidence Submissions, Hands-on Intox DMT Use, Breath Test Supervisor School, Alaska State Crime Lab (2.5 hours)