



Alaska Scientific Crime Detection Laboratory Statement of Qualifications

Name	Carly Wiehe	Date	June 2019
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Job Title	Forensic Scientist III
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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 type="checkbox"/>	Biology	<input type="checkbox"/>	Firearms/Toolmarks
<input checked="" type="checkbox"/>	Latent Prints	<input checked="" 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 Print Processing, Latent Print Examination, & Crime Scene Processing

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

Institution	Dates Attended	Major	Degree Completed
University of Alaska Anchorage	2005-2009	Natural Science & Radiology	Bachelor of Science & Associate of Applied Science
University of New Mexico	2004-2005		
University of Alaska Fairbanks	2002-2004	General Studies	Associates of Arts

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
Latent Print Processing Training	State of Alaska Scientific Crime Detection Laboratory	02/15 – 04/15
Latent Print Examination Training	State of Alaska Scientific Crime Detection Laboratory	04/15 – 02/16
Crime Scene Processing Training	State of Alaska Scientific Crime Detection Laboratory	04/15 – 02/16
Basics of Casting, ALS Basics for Crime Scenes, Basics of Cyanoacrylate Fuming Arson and Crime Scene Photography Basics Reflective Ultraviolet Imaging (RUVIS)	Sirchie Webinar	2016/2017
Science in the Courtroom- A Legal, Practical, and Evidence-Based Guide for the Forensic Scientist	Val Van Brocklin	08/2017
Universal Latent Workstation (ULW) Software Workshop	Federal Bureau of Investigation Criminal Justice Information Services Division	05/2016
ABIS/WIN Tenprint Training	Diana Burt	08/2017
Exclusionology	Eric Ray	10/2017
Methods of Instruction (APSC)	Suzie Pyle	10/2017
Workshops and Lectures Topics: Probability, Statistics, and Predictive Analytics, Using Customized Properties Fields in Photoshop to Document Latent Print Analysis and Results, Why do latent print examiners differ in their conclusions, How do friction ridge examiners respond when given an expanded, Trending Topics in Latent Prints conclusion scale, The Trajectory of Rods, Strings and Lasers, Making Optimal Decisions in Identifications	IAI Educational Conference, San Antonio, TX	07/30/18 – 08/04/18

and Exclusions - A Scientific Approach, Firearms Examination for the Crime Scene Investigator		
Academy for Supervisors	State of Alaska	09/2018

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
Crime Scenes/ Latent Prints	2017-Present	7

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
Member, International Association for Identification (IAI)	2015-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	Forensic Scientist III	Tenure	03/01/2018 – Present
Employer	Department of Public Safety, Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Process a variety of physical evidence for fingerprints using physical, chemical and photographic techniques. Analyze and compare fingerprints for identification purposes and perform verifications of identifications made by another analyst. ABIS/ WIN Latent Search Operations.			
Provide technical support to crime scene investigators and other law enforcement personnel by applying techniques and procedures to the documentation, collection, and processing of evidence at crime scenes.			
Crime Scene Technical Lead and Training Coordinator duties as assigned.			
Search questioned footwear impressions against an online database of known footwear to determine the make and model.			
Provide training/instruction to Forensic Scientists and Law Enforcement.			

Job Title	Forensic Scientist II	Tenure	03/01/2016 – 03/01/2018
Employer	Department of Public Safety, Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Process a variety of physical evidence for fingerprints using physical, chemical and photographic techniques. Analyze and compare fingerprints for identification purposes. ABIS/ WIN Latent Search Operations.			
Provide technical support to crime scene investigators and other law enforcement personnel by applying techniques and procedures to the documentation, collection, and processing of evidence at crime scenes.			
Search questioned footwear impressions against an online database of known footwear to determine the make and model.			
Provide training/instruction to Forensic Scientists and Law Enforcement.			

Job Title	Forensic Scientist I	Tenure	02/16/2015 – 02/29/2016
Employer	Department of Public Safety, Alaska State Troopers		
Provide a brief description of principal duties:			
Process a variety of physical evidence for latent friction ridge detail using physical, chemical and photographic techniques. Ridge detail is developed, documented and digitally preserved for Forensic Scientist's to utilize for examination. Provide technical support to crime scene investigators and other law enforcement personnel by applying techniques and procedures to the documentation, collection and processing of evidence at crime scenes.			

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:

Certified Crime Scene Investigator (CCSI) through the International Association of Identification

Certified Police Instructor through the Alaska Police Standards Council

Law Enforcement Training Provided:

05/2015 – Crime Scene Photography, Physical Evidence collection, Footwear & Tire tracks, Latent Prints, ALET Academy, Sitka (32 hrs)

10/2015 – Crime Scene Photography, Physical Evidence collection, Footwear & Tire tracks, Latent Prints, ALET Academy, Sitka (32 hrs)

10/2016 – Crime Scene Photography, Physical Evidence collection, Footwear & Tire tracks, Latent Prints, ALET Academy, Sitka (32 hrs)

01/2017 – Crime Scene Photography, Footwear, Latent Prints, and Chemical Enhancement, Kenai Police Department, Kenai (16hrs)

05/2017 – Crime Scene Photography, Footwear, Latent Prints, and Chemical Enhancement, Sitka Police Department, Sitka (8hrs)

05/2017 – Crime Scene Photography, Physical Evidence collection, Footwear & Tire tracks, Latent Prints, ALET Academy, Sitka (32 hrs)

07/2017 – Crime Scene Photography, Camera Settings, Flash Photography, Low Light Photography, Anchorage (16hrs)

10/2017 – Crime Scene Photography, Physical Evidence collection, Footwear & Tire tracks, Latent Prints, ALET Academy, Sitka (32 hrs)

04/2018 – Crime Scene Processing and Advanced Crime Scene Processing, Kenai, (16 hrs)

05/2018 – Crime Scene Processing, Sitka Police Department, Sitka (8hrs)

05/2018 – Crime Scene Photography, Physical Evidence collection, Footwear & Tire tracks, Latent Prints, ALET Academy, Sitka (32 hrs)

05/2018 – Crime Scene Processing and Advanced Crime Scene Processing, Crime Lab, Anchorage, AK (16 hrs)

10/2018 – Crime Scene Processing and Advanced Crime Scene Processing, Kodiak Police Department, Kodiak (24 hrs)

11/2018 – Crime Scene Processing and Advanced Crime Scene Processing, Crime Lab, Anchorage, AK (24 hrs)

02/2019 – Crime Scene Processing and Advanced Crime Scene Processing, Crime Lab, Valdez, AK (24 hrs)

Speaker at the International Association of Identification Yearly Educational Conference:

08/2018 – Crime Scene Low Light Photography, IAI Educational Conference, San Antonio, TX (4 hrs)

08/2018 – Chemical Enhancement of Blood in the Field, IAI Educational Conference, San Antonio, TX (4 hrs)