



Alaska Scientific Crime Detection Laboratory Statement of Qualifications

Name	Danielle Ledford	Date	July 30, 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 checked="" type="checkbox"/>	Biology	<input type="checkbox"/>	Firearms/Toolmarks
<input 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:

Body Fluid Identification, DNA-Nuclear
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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
University of Alaska Fairbanks	2001-2006	Biochemistry	Bachelor of Science

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
Digital Photography for Law Enforcement	Jim Wolfe, SCDL	October 2009
Advanced Photography for Law Enforcement	Jim Wolfe, SCDL	December 2009
Documenting and Collecting Snow Impression Evidence	Jim Wolfe, SCDL	January 2010
Latent Print Processing and Examinations	SCDL	April-August 2010
Documenting and Collecting Snow Impression Evidence	Jim Wolfe, SCDL	August 2010
Finding Latent Print Evidence with Chemistry and Light	Brian Darlymple and Dave Sibley, Ron Smith and Associates	May 2011
Collection of Fire Debris	John Giacallone, SCDL	June 2011
DNA Evidence Identification & Preservation for Law Enforcement	Tim Schade and Brian Chochran, University of Tennessee Law Enforcement Innovation Center (AK)	July 2011
Intermediate Forensic Digital Imaging	David Witzke, SCDL	July 2011
Documenting and Collecting Soil Impression Evidence	Jim Wolfe, SCDL	August 2011
Western Identification Network Fingerprint Classification,	Dusty Clark, Helena Montana	September 2011

Comparison and Identification		
Advanced Forensic Digital Image Processing	David Witzke, SCDL	October 2011
ABC's of Forensic Biology	Cheryl Duda, Stacey Johnson and Kristin Vaona, SCDL	February 2012
Canon-Photography Tip for Investigators	State of Alaska	February 2012
Biological Fluid Identification	SCDL	March-June 2012
Life Technologies/Applied Biosystems 7500 and 3500 training	Kellie Fenesan and Melissa Kotkin, SCDL	September 2012
Life Technologies/Applied Biosystems 3500xl Genetic Analyzer & PowerPlex 16 System and Yfiler Validation Lectures and Data Analysis Training	Joanne Squeglia and Melissa Kotkin, SCDL	October 2012
Regional Sexual Assault Investigation Training	Alaska Police Standards Council	May 29- 31, 2013
Methods of Instruction	Officer Todd Kerns, Anchorage Police Department	July 29-August 2, 2013
Life Technologies Teach Back: GlobalFiler Express Direct Amp Validation Lecture and Laboratory Training	Jennifer Elliot, SCDL	February 4-5, 2014
Bloodstain Pattern Analysis	Gardner and Griffin, SCDL	August 25-29, 2014
DNA Screening Training Completed	SCDL	25 Nov 2014
Life Tehnologies/ThermoFisher Teach Back Validation of Quantifiler Trio and Global Filer Kits	Jennifer Elliot, SCDL	March 3-5, 2015
Science in the Courtroom – A Legal, Practical & Evidence-Based Guide for the Forensic Specialist	Val Van Brocklin	Aug 16–17, 2017
Y-STR Training	William Frank, SCDL (Illinois State Police)	October 11-12, 2017
Post Validation PowerPlex Y23 Training	Jonelle Thompson, SCDL (Promega)	March 28, 2018
ISO/IEC 17025 Internal Auditor Training	Emma Dutton, ANAB	17 Jun 2019 – 20 Jun 2019
Y-screen assay, Data Collection v. 4 software overview	Peterjon McAnany, Thermo Fisher Scientific	26 Jun 2019

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
Latent Print Processing	October 2012-Present (Anchorage, Nome, Bethel)	5
Forensic Biology/Biological Fluid Identification	May 2014-Present (Anchorage, Bethel, Kenai, Palmer, Nenana, Seward, Tok, Dillingham, Unalaska, Unalakleet, Naknek, Kodiak, Fairbanks)	22

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

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	Tenure	03/12-Present
Employer	Alaska Department of Public Safety Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform biological/DNA screening on forensic casework.			

Job Title	Forensic Technician I	Tenure	04/09-03/12
Employer	Alaska Department of Public Safety Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Forensic Support to Forensic Scientist in the latent print section. Use light and chemical techniques to process items of evidence for latent prints and digitally preserve developed latent prints for later analysis.			

Job Title	Micro Analyst I	Tenure	06/08-04/09
Employer	Analytica Inc.		
Provide a brief description of principal duties:			
Responsibilities include conducting various analytical testing according to documented Standard Operating Procedures on drinking water and wastewater, and reporting samples using a Laboratory Information Management System (LIMS) in a specified time frame. Other responsibilities include ordering and stocking supplies for the Micro lab, performing QC for the Wet Chemistry lab, and informing clients of positive bacterial results.			

Job Title		Tenure	
Employer			
Provide a brief description of principal duties:			

Job Title		Tenure	
Employer			
Provide a brief description of principal duties:			

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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