



ASCLD/LAB-International
Application for Accreditation
Attachment 2

Statement of Qualifications

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|-------------|------------------|-------------|----------------|
| Name | Danielle Ledford | Date | August 4, 2016 |
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| Forensic Service Provider | State of Alaska Scientific Crime Detection Laboratory |
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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:

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|--------------------------|--|-------------------------------------|---------------------------------|
| <input type="checkbox"/> | Drug Chemistry | <input checked="" type="checkbox"/> | Biology |
| <input type="checkbox"/> | Firearms/Toolmarks | <input type="checkbox"/> | Questioned Documents |
| <input type="checkbox"/> | Trace Evidence | <input type="checkbox"/> | Crime Scene |
| <input type="checkbox"/> | Latent Prints | <input type="checkbox"/> | Toxicology - Testing |
| <input type="checkbox"/> | Digital & Multimedia Evidence | <input type="checkbox"/> | Toxicology - Calibration |

For each discipline checked in the table above, list all category(ies) in which you perform work:

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| 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 |
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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 Darlrymple 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, Comparison and Identification | Dusty Clark, Helena Montana | September 2011 |
| 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 |

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| 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 |
| Life Tehnologies/ThermoFisher Teach Back Validation of Quantifiler Trio and Global Filer Kits | Jennifer Elliot, SCDL | March 3-5, 2015 |

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) | 10 |
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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 |
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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 | Tenure | 03/12-Present |
| Employer | Alaska Department of Public Safety 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 | | | |

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| 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. | | | |

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| 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. | | | |

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

