



## Alaska Scientific Crime Detection Laboratory Statement of Qualifications

<b>Name</b>	Tessa Hansen	<b>Date</b>	1/22/2019
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<b>Job Title</b>	Forensic Scientist II
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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:

DNA – Nuclear, Body Fluid Identification
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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
Brigham Young University – Idaho	01/2016 – 04/2017	Biology	Bachelor of Science
Seminole State College	01/2014 – 05/2016	Life Sciences	Associate 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
ASCLD Webinar: DNA Standards and Guidelines	Joel Sutton, Bruce Heidebrecht, & Jerrilyn Conway (Webinar)	6/8/2017
Introduction to Likelihood Ratios and Probabilistic Genotyping	David Diekema	6/29/2017
How do modern quantification kits stack up?	QIAGEN (Webinar)	8/17/2017
Forensic DNA: The Beginning of the SNP Era: Record Linkage of CODIS Profiles with SNP Genotypes	FTCOE: Michael "Doc" Edge (Webinar)	9/21/2017
See how Quantiplex Pro stands up to its competitors	QIAGEN (Webinar)	10/19/2017
Promega: When Medical Conditions Muddle Forensic Casework	Forensic Magazine (Webinar)	2/8/2018
How to Measure Live and Dead Cells in Real Time using a Plate Reader	Terry Riss (Webinar)	3/15/2018
Non-Standard Forensic DNA Research – Part 1	Jillian Ng and Toni Diegoli (Webinar)	5/23/2018
Removing PCR Artifacts in Forensic DNA Analysis	Dr. Scott Kennedy (Webinar)	7/6/2018
Promega: Introduction to Real-Time PCR: Basic Principles and Chemistries	Leta Steffen, PhD (Webinar)	10/8/2018
Promega: Cost-Benefit Analysis of Kinship Testing Involving Siblings	Brandi Iorio (Webinar)	10/22/2018
Evaluate Population-Specific Sibship during Kinship	Riya Thekdi (Webinar)	11/13/2018
Promega: Genes of a Feather Stick Together: Evaluating Linked Markers	Timothy Graham (Webinar)	12/11/2018

ISO/IEC 17025:2017 and AR 3125 Internal Auditor Training through ANAB	Emma K. Dutton, Ph.D.	June 17-20, 2019
Y-Screen Assay, Quant Trio Assay, 3500 Data Collection Software v. 4 Overview	Peterjon McAnany Staff Scientist, Field Applications (FAS) – ThermoFisher/AB	June 25-26, 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
N/A	N/A	NA

**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
N/A	N/A	N/A

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

<b>Job Title</b>	Forensic Scientist II	<b>Tenure</b>	1/16/2019 - Present
<b>Employer</b>	Alaska State Crime Laboratory		
Provide a brief description of principal duties:			
Performs biological/DNA screening and DNA analysis on forensic casework, performs scientific techniques in the identification of body fluids ( i.e., blood and semen), analyzes evidence to generate DNA profiles, interprets DNA profiles, prepares written reports, performs technical and administrative reviews and, when requested, provides expert testimony.			

<b>Job Title</b>	DNA Analyst I	<b>Tenure</b>	05/01/2017 – 01/09/2019
<b>Employer</b>	Sorenson Forensics		
Provide a brief description of principal duties:			
Made processing decisions on forensic evidence, interpreted DNA profiles generated from this evidence, and prepared written reports on the findings. Performed technical and administrative reviews on other analysts' case work.			

<b>Job Title</b>	Teaching Assistant	<b>Tenure</b>	08/01/2016 – 04/07/2017
<b>Employer</b>	Brigham Young University - Idaho		
Provide a brief description of principal duties:			
Performed maintenance of learning management system for professor's courses and graded student assignments including assigned homework, quizzes, and tests.			

<b>Job Title</b>	Intern	<b>Tenure</b>	01/05/2017 – 04/07/2017
<b>Employer</b>	RAM Pharma, Inc		
Provide a brief description of principal duties:			
Assisted in creating Standard Operating Procedures (SOPs) for sterility of products and validation of equipment. Performed equipment calibration and validation and maintained a sterile environment for the packaging of products.			

**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.

N/A
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