



## Alaska Scientific Crime Detection Laboratory Statement of Qualifications

<b>Name</b>	Jack Hurd	<b>Date</b>	07/29/2019
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<b>Job Title</b>	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 checked="" type="checkbox"/>	Drug Chemistry	<input type="checkbox"/>	Toxicology - Testing
<input 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:

Controlled Substances
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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 – Anchorage	1986-1993	Chemistry	B.S.

**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
Forensic ISO/IEC 17025:2017 Internal Auditor Training	Emma K. Dutton, Ph.D. – Instructional Designer	June 17-20, 2019
GC/IR Theory & Instrument Training	Bill Carson - Spectra Analysis	Apr. 29 – May 1, 2019
ThermoFisher Scientific (TFS) - Webinar	"The Opioid Crisis: What you need to know!" – Kim Mulcahy Product Manager TFS	06/21/2018
DEA Webinar – Anchorage, AK	Synthetic Drug Threats in the United States: 2018 Update. Jill M. Head (Supervisory Chemist) – DEA Special Testing & Research Laboratory	02/28/2018
Agilent Seminar – Anchorage, AK	Optimizing Important GC Parameters Daron Decker, GC Columns Technical Specialist, Agilent	09/20/2017
Science in the Courtroom	Val Van Brocklin	Aug.16-17, 2017
Bath Salts and Synthetic Drugs Workshop. [TruNarc Training] – Anchorage, AK	Thermo Fisher Scientific	06/22/2017
"Unveiling the Mysteries Behind HPLC and GC Resolution: From Theory to Practice in 30 minutes" - Webinar	Bryan Tweedy: Manager of the Office of Career & Professional Resources of the American Chemical Society.  Dr. Lee N. Polite: President & Founder of Axion Analytical Labs, Inc.	10/20/2016
Clandestine Laboratory Investigating Chemists Association 26th Annual Training Seminar, Charleston, South Carolina	CLIC	Sep. 7-12, 2016
Refreshing Knowledge in Clan Lab Investigations & Basic Chemistry Concepts, CLIC Workshop Charleston, South Carolina	CLIC	09/06/2016

Clandestine Laboratory Investigating Chemists Association 25th Annual Training Seminar, Oklahoma City, Oklahoma	CLIC	Sep. 9-12, 2015
"Legal" Drug Use Through Chemistry: An Overview of the Synthetic Drug Dilemma. Presenter: Tate Yeatman	Webinar: Justice Clearinghouse Palm Beach County Sheriff's Office Crime Laboratory	04/16/2015
Clandestine Laboratory Investigating Chemists Association 24th Annual Training Seminar, Vancouver, BC, Canada	CLIC	Sep. 3-6, 2014
Clandestine Laboratory Investigating Chemists Association 23rd Annual Training Seminar, Boston, Massachusetts	CLIC	09/02/14
Introduction to Pharmacology, CLIC Workshop, Boston, Massachusetts	CLIC	Sep. 4-7, 2013
Salvia Summit II - Pasadena, CA.	Huntington Botanical Gardens	Mar. 7-10, 2013
Clandestine Laboratory Investigating Chemists Association 22nd Annual Training Seminar, Indianapolis, Indiana	CLIC	09/03/13
Synthesis of Amphetamines from Phenyl-2-Propanone & Related Compounds, CLIC Workshop, Indianapolis, Indiana	CLIC	09/04/2012
American Academy of Forensic Sciences 64th Annual Scientific Meeting, Atlanta, GA	American Academy of Forensic Sciences	Feb. 23-25, 2012
Modern Polarized Light Microscopy - Westmont Illinois	Hooke College of Applied Sciences	Sep. 26-30, 2011
Clandestine Laboratory Investigating Chemists Association 21st Annual Technical Training Seminar, Seattle, WA	CLIC	Sep 7-10, 2011
Inorganic Analysis, CLIC Workshop - Seattle, Washington	CLIC	09/06/2011
Clandestine Laboratory Investigating Chemists Association 20th Annual Technical Training Seminar, Auckland, New Zealand	CLIC	Nov. 3-6, 2010
Weapons of Mass Destruction, CLIC Workshop, Auckland, New Zealand	CLIC	11/02/2010
Clandestine Laboratory Investigating Chemists Association 19th Annual Technical Training Seminar, Birmingham, Alabama	CLIC	Sep. 9-12, 2009
Basic Methamphetamine Synthesis, CLIC Workshop, Birmingham, Alabama	CLIC	09/08/2009
Clandestine Laboratory Investigating Chemists Association 18th Annual Technical Training Seminar, San Antonio, Texas	CLIC	09/08/2009
Analysis of Natural Products, CLIC Workshop, San Antonio, Texas	CLIC	Sep. 3-6, 2008
Salvia Summit 2008 Lecture & Workshop - Aptos, CA	Cabrillo College	08/01-2/08
Clandestine Laboratory Investigating Chemists Association 17th Annual Technical Training Seminar, Las Vegas, Nevada	CLIC	Sep. 5-8, 2007
Tryptamine and Phenethylamine Workshop, CLIC 2007, Las Vegas, Nevada	CLIC	09/04/2007
Special Topics in Forensic Drug Chemistry Symposium - Ames Iowa	Midwest Forensics Resource Center	May 8-10, 2007
Breath Test Operator Certification Course - Anch., AK	AK Scientific Crime Detection Laboratory	11/03/2005

History of Microcrystal Tests for Drug Identification, Hiram K. Evans, Sciences, New Orleans, Louisiana	American Academy of Forensic Sciences	02/25/2005
Practical Identity Using Microcrystal Tests, Wayne Moorehead, New Orleans, Louisiana	American Academy of Forensic Sciences	02/25/2005
Analysis of Samples From Clandestine Methamphetamine Laboratories, (workshop)New Orleans, Louisiana	American Academy of Forensic Sciences	02/21/2005
GC-MSD Troubleshooting & Maintenance -Alpharetta, GA	Agilent Technologies	Jan. 11-13, 2005
"Winning Courtroom Confrontations: A Seminar on How to be an Effective Witness in the Courtroom". Anch., AK	Valerie Van Brocklin, Law Enforcement Trainer	04/28/03
Clandestine Laboratory Analysis & Synthesis, Jerry Massetti, Victor C. Reeve, Sacramento, CA	California Criminalistics Institute	Jan. 17-21, 2003
Forensic Digital Imaging - Anchorage, AK	Imaging Forensics, George Reis	Jan. 6-8, 2003
Association of Firearm and ToolMark Examiners, 32nd Annual Training Seminar, Newport Beach, California.	AFTE	July 8-13, 2001
Basic "Tactical Rifle" Armorers Course, Newport Beach, CA	Savage Arms, Inc.	07/11/01
Firearms & Toolmarks Intro. II, Sacramento, CA	California Criminalistics Institute	Oct. 2-6, 2000
Firearms & Toolmarks Intro. I, Sacramento, CA	California Criminalistics Institute	Sep. 25-29, 2000
Association of Firearm and Tool Mark Examiners, 31st Annual Training Seminar, St. Louis, Missouri	AFTE	Jun. 11-16, 2000
Firearms Safety Training Vandenburg, CA	California Criminalistics Institute	Nov. 10-11, 1999
Winning Courtroom Confrontations, Anchorage, AK	Valerie Van Brocklin	10/08/99
NIBIN/DRUGFIRE & APMS Training, Rosslyn, Virginia	Nichols Research	June 22-25, 1999
Drugs & Society (Jackie Long, Mick Mollica), Anch., AK	Northwest Association of Forensic Scientists	04/22/99
Forensic Art & Facial Reconstruction (Betty Pat Galliff, Karen Taylor), Anchorage, AK	Northwest Association of Forensic Scientists	04/21/99
Clandestine Laboratory Overview For The Forensic Chemist (Roger Ely) Anchorage, AK	DEA & Northwest Association of Forensic Scientists	04/21/99
Courtroom Demeanor & Testimony (Ray Brown), Anchorage, AK	Northwest Association of Forensic Scientists	04/20/99
Basic Clandestine Laboratory Safety Certification Program, Anchorage, AK	DEA	Dec. 7-11, 1998
Clandestine Laboratory Investigations, Anchorage, AK	Multijurisdictional Counterdrug Task Force Training: Florida National Guard, Criminal Justice Institute	Oct. 6-8, 1998
DEA Forensic Chemist Seminar, Fairfax, Virginia	DEA	Dec. 8-12, 1997
Crime Scene Response Team Training: - Trace Evidence	ASCDL	02/11/97
Crime Scene Response Team Training:-Documenting and Collecting Snow Impressions	ASCDL	01/14/97

Crime Scene Response Team Training:- Blood Collection/Presumptive Testing	ASCDL	12/10/96
Crime Scene Response Team Training:- Fingerprints and AAFIS	ASCDL	11/12/96
Crime Scene Response Team Training: Photography/Video Taping Crime Scenes	ASCDL	10/08/96
Crime Scene Response Team Training: Basic Use of Camcorder	ASCDL	09/16/96
Crime Scene Response Team Training: - Crime Scene Diagramming	ASCDL	09/10/96
Crime Scene Response Team Training: - Evidence Evaluation/Documentation, Collection/Packaging	ASCDL	01/09/96
Crime Scene Response Team Training: Photography	ASCDL	12/14/95
Crime Scene Response Team Training:Preliminary Processing	ASCDL	10/24/95
Law Enforcement Video Class & Workshop, Anch., AK	U.S. Dept. of Justice & Alaska Peace Officers Assoc.	Nov. 4-8, 1996
Breath Alcohol Supervisor School	ASCDL	Sep. 22-27, 1996
Black & White Photography Course	University of Alaska-Anchorage	Jan-May 1996
Crime Scene Investigation Course Anchorage, AK	Anchorage Police Department	Jan. 15-19, 1996
Crime Scene Reconstruction Workshop (Dr. Henry Lee) & Crime Scene Investigation (Dr. Richard Saferstein)	Northwest Association of Forensic Scientists - Anchorage, AK	May 10-12, 1995

**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
Controlled Substances	From 1996 to present	224
Physical Matching	From 1998 to present	2

**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
Clandestine Laboratory Investigating Chemist Assoc.	Sept. 2007 - Present	Member
Clandestine Laboratory Investigating Chemist Assoc.	Sept. 2012 - 2016	Executive Board Member (2 terms) - Member at Large
Clandestine Laboratory Investigating Chemist Assoc.	Sept. 2014 - Present	Historical Committee

**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 I-III	<b>Tenure</b>	1996-Present
<b>Employer</b>	Alaska Department of Public Safety Scientific Crime Detection Laboratory; Anchorage, Alaska		
Provide a brief description of principal duties:			
Controlled substance analysis; court testimony			

<b>Job Title</b>	Laboratory Technician I	<b>Tenure</b>	09/95 - 10/96
<b>Employer</b>	Alaska Department of Public Safety Scientific Crime Detection Laboratory; Anchorage, Alaska		
Provide a brief description of principal duties:			
Evidence custodian; crime scene investigations, assist in all areas of laboratory.			

<b>Job Title</b>	Chemist	<b>Tenure</b>	08/94 - 08/95
<b>Employer</b>	Analytical Technologies, Inc. Anchorage, Alaska		
Provide a brief description of principal duties:			
Analysis & identification of petroleum hydrocarbons			

**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.

**PRESENTATIONS:**

"Forensic Research on Salvia" - Salvia Summit II Huntington Botanical Gardens Pasadena, CA.  
 (March 8, 2013)

Salvia divinorum Botanical Identification - Analysis of Natural Products Workshop – CLIC. San Antonio, Texas (September 2, 2008)

Salvia divinorum presentation - Midwest Forensics Resource Center; Ames, Iowa (May 9, 2007)

**RESEARCH:**

Chemical Chaos/Chemical Pattern Formations, University of Alaska-Anchorage, 1991-1993

Salvia divinorum, Alaska Scientific Crime Detection Laboratory, 2008-2011

**PUBLISHED PAPER:**

"Marquis Color Test for the Preliminary Differentiation of the Positional Isomers 2,3-Methylenedioxy-methcathinone and 3,4-Methylenedioxy-methcathinone" -  
 Clandestine Laboratory Investigating Chemists Association Journal: Volume 25  
 Number 2 - April 2015

"Determination of Salvinorin A in a Variety of Salvia Species" - Clandestine Laboratory  
 Investigating Chemists Association Journal: Volume 23 Number 1 - January 2013

**CLASSES TAUGHT TO LAW ENFORCEMENT PERSONNEL:**

Physical Evidence at Crime Scenes

- 12/10-12/03 Village Police Officers, Anchorage, Alaska
- 11/10-11/99 Village Police Officers, King Salmon, Alaska
- 11/23-25/98 ALET #20, DPS Training Academy, Sitka, Alaska
- 11/24-26/97 ALET #18, DPS Training Academy, Sitka, Alaska
- 04/07-11/97 Village Public Safety Officer Training Academy, King Salmon, AK
- 11/19-21/96 ALET #16, DPS Training Academy, Sitka, Alaska

Controlled Substances

- Apr. 2016 Drugs in Alaska: Color Testing of Controlled Substances, DEA Basic Course, Anchorage
- Feb. 2014 Drugs in Alaska, Anchorage
- Mar. 2013 Drugs in Alaska, Anchorage
- May 2008 Matsu Valley & Airport Police, Anchorage, Alaska

Beta Tester (Reviewer) - Chemical Spot Tests for Illicit Drugs - Online Course; West Virginia University Forensic Science Initiative, Sherry

Kuehn [Continuing & Professional Education Coordinator], May 2011

Beta Tester (Reviewer) – Introduction to Drug Chemistry - Online Course; West Virginia University Forensic Science Initiative, Samantha Huffman [Instructional Coordinator], May 2008