

ASCLD/LAB-International

STATEMENT OF QUALIFICATIONS

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| Name | Jack Hurd | Date | May 23, 2011 |
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| Laboratory | 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 do casework:

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| <input checked="" type="checkbox"/> Controlled Substances | <input type="checkbox"/> Toxicology |
| <input type="checkbox"/> Firearms/Toolmarks | <input type="checkbox"/> Biology |
| <input type="checkbox"/> Trace Evidence | <input type="checkbox"/> Questioned Documents |
| <input type="checkbox"/> Latent Prints | <input type="checkbox"/> Crime Scene |
| <input type="checkbox"/> Digital Evidence | |

List all sub-disciplines in which you do casework:

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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 |
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| University of Alaska - Anch. | 1986-1993 | Chemistry | B.S. |
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Other Training: List continuing education, workshops, in-service and other formal training received.

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| 11/03-6/10 | Clandestine Laboratory Investigating Chemists Association 20 th Annual Technical Training Seminar, Auckland, New Zealand |
| 11/02/2010 | Weapons of Mass Destruction , CLIC Workshop, Auckland, New Zealand (8 hrs) |
| 09/09-12/09 | Clandestine Laboratory Investigating Chemists Association 19 th Annual Technical Training Seminar, Birmingham, Alabama |
| 09/08/2009 | Basic Methamphetamine Synthesis, CLIC Workshop, Birmingham, Alabama (8 hrs) |
| 09/03-6/08 | Clandestine Laboratory Investigating Chemists Association 18th Annual Technical Training Seminar , San Antonio, Texas |
| 09/02/2008 | Analysis of Natural Products, CLIC Workshop, San Antonio, Texas (8 hrs) |
| 08/01-2/08 | Salvia Summit 2008 Lecture & Workshop, Cabrillo College, Aptos, California. |
| 09/05-8/07 | Clandestine Laboratory Investigating Chemists Association 17th Annual Technical Training Seminar , Las Vegas, Nevada |
| 09/04/2007 | Tryptamine and Phenethylamine Workshop, CLIC 2007, Las Vegas, Nevada (1 Day) |

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| 05/08-10/07 | Special Topics in Forensic Drug Chemistry Symposium, Midwest Forensics Resource Center, Ames, Iowa (3 Days) |
| 11/03/2005 | Breath Test Operator Certification Course, Jeanne Swartz, Scientific Crime Detection Laboratory, Anchorage, AK (1 Day) |
| 10/25-27/05 | DPS Civilian Leadership School, Anchorage, AK (3 Days) |
| 02/25/2005 | History of Microcrystal Tests for Drug Identification, Hiram K. Evans, American Academy of Forensic Sciences, New Orleans, Louisiana |
| 02/25/2005 | Practical Identity Using Microcrystal Tests, Wayne Moorehead, American Academy of Forensic Sciences, New Orleans, Louisiana |
| 02/21/2005 | Analysis of Samples From Clandestine Methamphetamine Laboratories, American Academy of Forensic Sciences (1 day workshop), New Orleans, Louisiana |
| 01/11-13/05 | GC-MSD Troubleshooting & Maintenance, Agilent Tech., Alpharetta, GA (3 days) |
| 04/28/03: | “Winning Courtroom Confrontations: A Seminar on How to be an Effective Witness in the Courtroom,” Valerie Van Brocklin, Law Enforcement Trainer, Anch., AK (8 hrs) |
| 01/17-21/03: | Clandestine Laboratory Analysis & Synthesis, California Criminalistics Institute, Jerry Massetti, Victor C. Reeve, Sacramento, CA (40 hrs) |
| 01/6 – 08/03: | Forensic Digital Imaging, Imaging Forensics, George Reis, Anchorage, AK (24 hrs) |
| 07/08-13/01: | Association of Firearm and ToolMark Examiners, 32nd Annual Training Seminar, Newport Beach, California. (40 hrs) |
| 07/11/01: | Basic “Tactical Rifle” Armorers Course, Savage Arms, Inc., Newport Beach, California. |
| 10/02-06/00: | Firearms & Toolmarks Intro. II, California Criminalistics Inst., Sacramento, CA (40 hrs) |
| 09/25-29/00: | Firearms & Toolmarks Intro. I, California Criminalistics Inst., Sacramento, CA (40 hrs) |
| 06/11-16/00: | Association of Firearm and Tool Mark Examiners, 31st Annual Training Seminar, St. Louis, Missouri (40 hrs) |
| 11/10-11/99: | Firearms Safety Training, California Criminalistics Institute, Vandenburg, CA (40 hrs) |
| 10/08/99 | Winning Courtroom Confrontations, Valerie Van Brocklin, Anchorage, AK (8 hours) |
| 06/22-25/99: | NIBIN/DRUGFIRE & APMS Training, Nichols Research, Rosslyn, Virginia (32 hours) |
| 04/22/99: | Drugs & Society (Jackie Long, Mick Mollica), Northwest Association of Forensic Scientists, Anchorage, AK (4 hrs) |
| 04/21/99: | Forensic Art & Facial Reconstruction (Betty Pat Gatliff, Karen Taylor), Northwest Association of Forensic Scientists, Anchorage, AK (4 hrs) |
| 04/21/99: | Clandestine Laboratory Overview For The Forensic Chemist (Roger Ely), U.S. Drug |

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| | Enforcement Admin., Northwest Association of Forensic Scientists Anch., AK (4 hours) |
| 04/20/99: | Courtroom Demeanor & Testimony (Ray Brown), Northwest Association of Forensic Scientists, Anchorage, AK (2 hrs) |
| 12/07-11/98: | Basic Clandestine Laboratory Safety Certification Program, U.S. Drug Enforcement Administration, Anchorage, AK (32 hrs) |
| 10/06-8/98: | Clandestine Laboratory Investigations, Multijurisdictional Counterdrug Task Force Training Florida National Guard, Criminal Justice Institute, Anchorage, Alaska (24 hrs) |
| 12/08-12/97: | DEA Forensic Chemist Seminar, Fairfax, Virginia (40 hrs) |
| Crime Scene Response Team Training: | |
| | 02/11/97 - Trace Evidence |
| | 01/14/97 - Documenting and Collecting Snow Impressions |
| | 12/10/96 - Blood Collection/Presumptive Testing |
| | 11/12/96 - Fingerprints and AAFIS |
| | 10/08/96 - Photography/Video Taping Crime Scenes |
| | 09/16/96 - Basic Use of Camcorder |
| | 09/10/96 - Crime Scene Diagramming |
| | 01/09/96 - Evidence Evaluation/Documentation, Collection/Packaging |
| | 12/14/95 - Photography |
| | 10/24/95 - Preliminary Processing |
| 11/04-08/96: | Law Enforcement Video Class & Workshop, Law Enforcement Coordinating Committee, U.S. Dept. of Justice and Alaska Peace Officers Association, Anchorage, AK (40 hrs) |
| 09/22-27/96: | Breath Alcohol Supervisor School, Scientific Crime Detection Laboratory (40 hrs) |
| Jan-May 1996 | Black & White Photography Course, University of Alaska-Anchorage (1 semester) |
| 01/15-19/96: | Crime Scene Investigation Course, Anchorage Police Dept., Anchorage, AK (40 hrs) |
| 05/10-12/95: | Crime Scene Reconstruction Workshop (Dr. Henry Lee) & Crime Scene Investigation (Dr. Richard Saferstein), Northwest Assoc. of Forensic Scientists, Anch., AK (12 hrs) |

Courtroom Experience: List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Controlled Substances: From 1996 to present - testified 173 times
 Physical Matching: From 1998 to present - testified 2 times

Professional Affiliations: List any 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.

Clandestine Laboratory Investigating Chemist Association (CLIC) - Member

Employment History: List all scientific or technical positions held, particularly those related to forensic science. List current position first. Be sure to indicate employer and give a brief summary of principal duties and tenure in each position.

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| Job Title | Forensic Scientist I-III | Tenure | 1996-Present |
| Employer | Alaska Department of Public Safety Scientific Crime Detection Laboratory; Anchorage, Alaska | | |
| Provide a brief description of principal duties: | | | |
| Analysis of evidence for controlled substances, court testimony. | | | |

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| Job Title | Laboratory Technician I | Tenure | 09/95 - 10/96 |
| Employer | 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 Criminalistics laboratory. | | | |

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

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| Job Title | Remedial Project Manager | Tenure | 05/94 - 11/94 |
| Employer | University of Tennessee Waste Management; Anchorage, Alaska | | |
| Provide a brief description of principal duties: | | | |
| Environmental cleanup of Air Force sites within Alaska. | | | |

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| Job Title | | Tenure | |
| Employer | | | |
| Provide a brief description of principal duties: | | | |
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Other Qualifications: List below any scientific publication and/or presentation 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 qualification as a forensic scientist.
(Use additional sheets if necessary.)

MEETINGS ATTENDED:

- CLIC 20th Annual Training Seminar
2010 - Auckland, New Zealand
- CLIC 19th Annual Training Seminar
2009 - Birmingham, Alabama
- CLIC 18th Annual Training Seminar
2008 – San Antonio, Texas
- CLIC 17th Annual Training Seminar
2007 – Las Vegas, Nevada
- American Academy of Forensic Sciences
2005 – New Orleans, Louisiana
- Association of Firearm and Toolmark Examiners
2001 – Newport Beach, California
- Association of Firearm and Toolmark Examiners
2000 - St. Louis, Missouri
- Northwest Association of Forensic Scientists
1999 - Anchorage, Alaska
- Northwest Association of Forensic Scientists
1995 - Anchorage, Alaska

PRESENTATIONS:

Salvia divinorum botanical identification - Analysis of Natural Products Workshop – CLIC. San Antonio, Texas (Sep. 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

CLASSES TAUGHT TO LAW ENFORCEMENT PERSONNEL:

Physical Evidence at Crime Scenes

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| 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

May 2008 Matsu Valley & Airport Police, Anchorage, Alaska

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

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