

ASCLD/LAB-International

STATEMENT OF QUALIFICATIONS

Name	Kristin Denning	Date	April 04, 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 type="checkbox"/> Controlled Substances | <input type="checkbox"/> Toxicology |
| <input type="checkbox"/> Firearms/Toolmarks | <input checked="" type="checkbox"/> Biology |
| <input checked="" 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
Colorado State University	1984 - 1989	Biochemistry	B. S.
Oakland Community College	1980 - 1983	Liberal Arts - Science	

Other Training: List continuing education, workshops, in-service and other formal training received.

<p>2011:</p> <p>Identification of Animal Hairs, Skip Palenik and Christopher Palenik, McCrone Research Institute, American Academy of Forensic Sciences annual meeting, Chicago, Illinois (16 hours)</p> <p>Courtroom Testimony Workshop, Raymond J. Davis, American Academy of Forensic Sciences annual meeting, Chicago, Illinois (8 hours)</p> <p>2010:</p> <p>Tools for Controlling Cognitive Biases in Casework, Chesterine L. Cwiklik and Kerstin M. Gleim, American Academy of Forensic Sciences annual meeting, Seattle, Washington (4 hours)</p> <p>Putting Our Forensic House in Order: The Best Path Forward?, Interdisciplinary Session, American Academy of Forensic Sciences annual meeting, Seattle, Washington (8.5 hours).</p> <p>2009:</p> <p>So You Think You Know Digital Imaging? SWGIT Advice to all AAFS Disciplines, American Academy of Forensic Sciences annual meeting, Denver, Colorado (8 hours).</p>
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2008:

Polarized Light and Chemical Microscopy, College of Microscopy – The McCrone Group, Westmont, Illinois (40 hours).

Body Fluid Identification and Microscopic Methods of Sperm Detection for Forensic DNA/Serology/Biology, College of Microscopy – The McCrone Group, Westmont, Illinois (24 hours).

Advanced Bloodstain Pattern Analysis, Tom Bevel, TBI, LLC, Anchorage, Alaska (40 hours).

Expert Witness Testimony Techniques, Ron Smith and Associates, Inc, Anchorage, Alaska (16 hours)

2005:

Instructor Development Course, FBI, SAS David L. Blankenship and TI Beverly D. Pawlik, Anchorage, Alaska (40 hours).

2003:

Fracture Match Theory, Midwestern Association of Forensic Scientists annual meeting, Columbus, Ohio (8 hours).

Wood Identification, Midwestern Association of Forensic Scientists annual meeting, Columbus, Ohio (8 hours).

Microspectrophotometer Interpretation, Midwestern Association of Forensic Scientists annual meeting, Columbus, Ohio (4 hours).

Forensic Digital Imaging, Imaging Forensics, George Reis, Anchorage, Alaska (24 hours).

Winning Courtroom Confrontations: A Seminar on How to urtroom,
Valerie Van Brocklin, Law Enforcement Trainer, Anchorage, Alaska (8 hours).

2002:

Applied Polarized Light Microscopy, McCrone Research I urs).
Bloodstain Pattern Analysis Workshop, Utah Bureau of Forensic Sciences, Anchorage, AK (40 hours).

2000:

Digital Imaging of Evidentiary Photography, FBI Training Academy, Quantico, Virginia (80 hours).

1998:

Infrared Spectrometry for Trace Analysis, FBI Training Academy, Quantico, Virginia (40 hours).

1997:

Presenting DNA Statistics in Court, Bruce Weir and George Carmody, Scottsdale, Arizona (16 hours).

1996:

Introduction to Hairs and Fibers, FBI Training Academy, Quantico, Virginia (80 hours).
Crime Scene Investigation, APD Training Academy, Anchorage, Alaska (40 hours).

1995:

Trace Evidence Workshop, Skip Palenik, Scientific Crime Detection Laboratory, Anchorage, Alaska (16 hours).

1994:

Forensic Use of PCR Analysis Workshop, Canadian Society of Forensic Science/Northwest Association of Forensic Scientists joint meeting, Vancouver, British Columbia (16 hours).

Population Genetics, Dr. Todd W. Gayley, Scientific Crime Detection Laboratory, Anchorage, Alaska (24 hours).

Crime Scene & Physical Evidence Training, DPS Training Academy, Sitka, Alaska (24 hours).

1993:

AmpliType HLA DQA1 Forensic DNA Amplification and Typing Training Workshop, Roche Molecular Systems, Alameda, California (40 hours).

New Forensic PCR Amplification and Typing Methods Workshop, Roche Molecular Systems, Alameda, California (24 hours).

1991:

DNA Workshop (Technical), Cetus Corporation, Northwest Association of Forensic Scientists, Anchorage, Alaska (16 hours).

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.

I have testified 161 times in the areas of Biological Evidence Screening/Serology (4/94 to present), Trace Evidence Analysis (11/96 to present), and DNA analysis (4/94 to 7/00).

I have testified 3 times in the area of Bloodstain Pattern Analysis

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.

American Academy of Forensic Sciences - Associate 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.

Job Title	Forensic Scientist III	Tenure	08/93 to 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. Conduct forensic comparisons of trace evidence.			

Job Title	Fisheries Technician III	Tenure	11/92 to 07/93
Employer	Alaska Department of Fish & Game		
Provide a brief description of principal duties:			
Genetic laboratory analyses of commercially important salmonid and shellfish species by starch gel electrophoresis of proteins and restriction analyses of DNA.			

Job Title	Biological Science Technician (Chief)	Tenure	02/92 to 11/92
Employer	U. S. Fish & Wildlife Service		
Provide a brief description of principal duties:			
Provide technical support to staff fisheries geneticists and fisheries biologists for ongoing Genetic Stock Identification Project. Research and development of a PCR based protocol for application to a new genus.			

Job Title	Biological Technician	Tenure	01/91 to 02/92
Employer	U. S. Fish & Wildlife Service		
Provide a brief description of principal duties:			
Extract mitochondrial DNA and genomic DNA from a diverse collection of fish and wildlife samples for genetic analyses utilizing Restriction Fragment Length Polymorphisms (RFLP) and Polymerase Chain Reaction (PCR).			

Job Title	Biological Laboratory Technician	Tenure	09/89 to 01/91
Employer	U. S. Fish & Wildlife Service		
Provide a brief description of principal duties:			
Provide technical support for ongoing Genetic Stock Identification Project.			

Other Qualifications: List below any scientific publication and/or presentation 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.)

INSTRUCTOR CERTIFICATION:

Alaska Police Standards Council Certified Police Instructor (Biological Evidence Screening, Sexual Assault Screening, and Trace Evidence).

PUBLICATIONS:

DNA Profiling in Two Alaskan Native Populations Using LA-DQA1, PM, and D1S80 Loci, M. Walkinshaw, L. Strickland, H. Hamilton, K. Denning, T. Gayley, Journal of Forensic Sciences, Vol. 41, No. 3, May 1996, Pp 478-484.

SCIENTIFIC PRESENTATIONS:

Design and Implementation of a Practical Video Imaging System for Trace Evidence Documentation, J.L. Fair, J.R. Wolfe, K.L. Denning, C.W. Beheim, and G.M. Taft, International Symposium on the Forensic Examination of Trace Evidence in Transition, San Antonio, Texas, 1996.

MEETINGS ATTENDED:

The Eighth International Symposium on Human Identification, Scottsdale, Arizona, September, 1997.

Northwest Association of Forensic Scientists

1991 - Anchorage, Alaska

1994 - Vancouver, British Columbia

1995 - Anchorage, Alaska

1999 - Anchorage, Alaska

Midwestern Association of Forensic Scientists

2003 - Columbus, Ohio

American Academy of Forensic Sciences

2006 - Seattle, Washington

2009 - Denver, Colorado

2010 - Seattle, Washington

2011 - Chicago, Illinois