

ASCLD/LAB-International

STATEMENT OF QUALIFICATIONS

Name	Hayne Hamilton	Date	April 4, 2011
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Laboratory	State of Alaska Scientific Crime Detection Laboratory
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Job Title	Forensic Scientist IV
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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 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
Millsaps College	1967-1971	Chemistry	Bachelor of Science
University of Alaska-Fairbanks	1999	Statistics & Population Genetics	1 hour credit
University of Alaska-Anchorage	1996	Principles of Biochemistry I	3 hours credit
		Molecular Biology	3 hours credit
	1995	Cell Biology	3 hours credit
	1994	Readings in Genetics	3 hours credit
University of Virginia Graduate School	1989	Biochemical Methods in Bloodstain Analysis	3 hours credit

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

2011: Quality Assurance Standards/Auditor Training, FBI Virtual Academy, 2/4 - 2/18/11 (30 hours) 2010: The 38 th Annual Crime Lab Development Symposium, Cincinnati, OH, 9/21 -9/23/10 (33 hours) JusticeTrax 2010 Users' Group Meeting, Tempe, AZ, 8/2 - 8/6-10 (24 hours) ASCLD/LAB-International Assessor/Auditor Training, Raleigh, NC, 4/19 -23/10 (40 hours) 2009: JusticeTrax Users' Group Meeting, Tempe, AZ, July 13-17, 2009. 2008: Courtroom Testimony Techniques, Ron Smith & Associates, Inc., 7/29-30/08, (16 hours). Bottom Line Leadership, Richard Hadden, Alaska Public Employees Assoc., 5/7/08, (8 hours) 2007: Performance Coaching, Tim Parker, State of Alaska, Administration, 9/13/07, (7.5 hours) 2007-1976: 45 Training Sessions (1 day to 2 weeks), DNA, Serology and Crime Scene Response
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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.

1986 to present: DNA and Serology >100 times
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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.

Fellow, American Academy of Forensic Sciences
 Member, American Chemical Society
 Member, Northwestern Association of Forensic Sciences, Membership Committee 1999-2000.
 Member, Alaska Peace Officers Association

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 IV	Tenure	08/08 to present
Employer	Alaska Department of Public Safety, Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Supervision of the Forensic Science Technicians Section (Evidence and Laboratory Support)			
Tenure:		03/08 – present	

Job Title	Forensic Scientist IV	Tenure	03/08 – 08/08
Employer	Alaska Department of Public Safety Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Supervision of the Chemistry Section (Controlled Substances, Toxicology and Evidence)			

Job Title	Criminalist III	Tenure	07/88 - 03/08
Employer	Alaska Department of Public Safety Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Perform DNA analysis on forensic casework and convicted offender samples. Perform scientific techniques in the identification of body fluids, i.e., blood and semen.			

Job Title	Forensic Scientist	Tenure	02/86 - 05/88
Employer	Wyoming State Crime Laboratory		
Provide a brief description of principal duties:			
Serology and microscopy of hairs			

Job Title	Chemist	Tenure	1971 - 1986
Employer	Wyoming Analytical Laboratories, National Space Testing Laboratories, University of Mississippi Medical Center, Natchez Pathology Laboratory		
Provide a brief description of principal duties:			
Coal, tar analysis; Chemistry contract work for NASA and EPA; Radioimmunoassay Laboratory - Chief Technician, Taught Nuclear Medicine Technology students, Biomedical resea iology.			

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.)

Certifications:
 Dipolomate, American Board of Criminalistics, 2001
 Alaska Police Standards Council Certified Police Instr (Serology/DNA)

Publications:
 DNA Profiling in Two Alaskan Native Populations Using HLA-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.

Foliage Plants for the Indoor Removal of the Primary Combustion Gases-Carbon Monoxide and Nitrogen Oxides, B.C. Wolverton, R.C. McDonald, H.H. Mesick, Journal of the Mississippi Academy of Sciences, 1985, 30: 1-8.

Other Qualifications: (Continued)

Scientific Presentations:

“Blood Brothers”: A Case of “Identical Non-Twins” Michelle L. Gaines-Collins, MSFS*; Cheryl M. Duda, MS; Juley M. Schuerman, BS; Chris Beheim, BS; Abirami Chidambaram, PhD, DC, MPH; Jessica R. Cohen, BA; Hayne Hamilton, BS, American Academy of Forensic Sciences, Seattle, Washington, 2006

How do you explain that? H. Hamilton, An Unusual DNA Case: A case study using DNA typing on penile swabs. The 11th International Symposium on Human Identification, Promega Corporation, Biloxi, Mississippi, 2000.

DNA HLA-DQA1 4 Sub-typing in Two Alaskan Native Populations, H. Hamilton*, L. Strickland, M. Walkinshaw, S. Waltz, and G. Taft, American Academy of Forensic Sciences, New York City, New York, 1997

DNA Profiles on Two Alaskan Native Populations using HLA-DQ*, Polymarker, and D1S80, M. Walkinshaw, L. Strickland*, H. Hamilton, K. Denning, C. Beheim, and G. Taft, American Academy of Forensic Sciences, Seattle, Washington, 1995

HLA DQ? Allele and Genotype Frequencies in the North Slope Borough Inupiat Eskimos, H. Hamilton*, L. Strickland, C. Beheim, and G. Taft, American Academy of Forensic Sciences, Boston, Massachusetts, 1993