

ASCLD/LAB-International

STATEMENT OF QUALIFICATIONS

Name	Colleen O'Bryant	Date	June 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 type="checkbox"/> Controlled Substances | <input checked="" 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:

Blood Alcohol, Breath Alcohol

Education: List all higher academic institutions attended (list high school only if no college degree has been attained)

Institution	Dates Attended	Major	Degree Completed
North Dakota State University	08/01-05/05	Biotechnology	BS

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

<p>TRAINING RECEIVED: Breath Alcohol Operator School (Certification), Anchorage (8 hours, 11/3/05) The Robert F. Borkenstein Course on Alcohol, Drugs and Highway Safety: Testing, Research and Litigation, Indiana University, Bloomington, Indiana, (40 hours, 12/4/05-12/9/05) DPS Academy Recertification Course – Breath Alcohol Operator Recertification Course, SFST Certification Course, Sitka, AK (24 hours, 1/17/06 – 1/19/06) Breath Alcohol Supervisor School (Certification), Anchorage (40 hours, 3/12/06 – 3/17/07) The Effects of Drugs on Human Performance & Behavior, Indiana University, Robert F. Borkenstein Center for Studies of Law in Action, (32 hours, 4/2/06 – 4/6/06) Factory Training on Datamaster cdm Infrared Breath Alcohol Analyzer, National Patent Analytical Systems, Mansfield, Ohio (24 hours, 5/9/06 – 5/11/06) OraSure Training – Immunoassay Drug Screen Techniques (16hours, 5/31/06 – 6/1/06) Blood borne Pathogen Training, Scientific Crime Detection Laboratory, Anchorage, Alaska (1 hour, 6/5/06) APD Academy SFST and DataMaster Operator’s Course, Anchorage, AK (8 hours, 1/26/07) – Included observing a wet lab. In-house training on analysis of blood alcohol (Approximately 500+hrs, 10/05-8/06) – Training including, but not limited to technical presentations, informal discussions, demonstration, reading assignments and practical laboratory exercises. In-house training on analysis of breath alcohol (Approximately 3000+hrs, 10/05-6/06) – Training including, but not limited to administrative duties, safety training, Alco’s, uploads, and using the Breath</p>

Alcohol Database, operator and supervisory duties, instrument maintenance, verification of calibrations, certifying and calibrating instruments legal issues, troubleshooting questions from the field and other miscellaneous tasks.

Expert Witness Testimony Techniques – Ron Smith & Associates, Inc. - Anchorage, AK (16 hours-7/28/08-7/29/08)

CPR/AED Adult Training - American Red Cross - Anchorage, AK (4 hours - 9/4/08)

Methods of Instruction – Anchorage Police Department Academy (40 hours – 12/8/08-12/12/08)

ASCLD/LAB International Breath Alcohol Calibration Preparation Course – Anchorage, AK (24 hours)

Refresher Training on Datamaster cdm Infrared Breath Alcohol Analyzer, Anchorage, AK (24 hours, 07/27/2009 – 07/29/2009)

Factory Training on DataMaster dmt Infrared Breath Alcohol Analyzer, Anchorage, AK (24 hours, 12/2010)

MEETINGS ATTENDED:

International Association for Chemical Testing (IACT) 05/04/07-05/10/07 Wilmington, NC

DataMaster Users group meeting, 5/03/07, Wilmington, NC

DRE Conference (7/31/07-8/2/07) Las Vegas, NV

Society of Forensic Toxicology (10/15/07-10/19/07) Raleigh, NC

International Association for Chemical Testing (IACT) 05/19/07-05/22/07 Phoenix, AZ

DataMaster Users group meeting, 5/17/08, Phoenix, AZ

Society of Forensic Toxicology (2008), Phoenix, AZ

International Association for Chemical Testing (IACT) 05/3/09-05/07-09, Anchorage, AK

DataMaster Users group meeting, 05/2/09 Anchorage, AK

Society of Forensic Toxicologys, 2009, Oklahoma City, OK

International Association for Chemical Testing (IACT) 04/19/2010 - 04/22/2010, Dallas, TX

DataMaster Users group meeting, 04/17/2010, Dallas, TX

Justice Trax Users group meeting 08/1/2010, Phoenix, AZ

International Association for Chemical Testing (IACT) 04/18/2011 - 04/21/2011, St. Louis, MO

DataMaster Users group meeting, 04/17/2011, St. Louis, MO

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.

Blood/Breath Alcohol – May 2007 to present – 7 times

Breath Alcohol – December 2006 to present - 28 times

Blood Alcohol – February 2007 to present – 31 times

Homebrew – February 2008 to present – 4 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.

International Association for Chemical Testing - 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 I/II/III	Tenure	October 2005 - Present
Employer	State of Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Breath Alcohol Analyst – maintain, repair evidentiary instruments, train and provide support to officers, provide court testimony.			
Forensic Alcohol Analyst - analyze blood evidence for alcohol levels, provide court testimony.			

Job Title	Fire Assay Technician	Tenure	August 2005 – October 2005
Employer	Fort Knox Gold Mine Laboratory, Fairbanks, AK		
Provide a brief description of principal duties:			
Responsible for performing classical analytical techniques, inputting information into LIMS database, performing special task work and maintaining complete and accurate results.			

Job Title	Laboratory Technician	Tenure	January 2004 – May 2005
Employer	North Dakota State University Biological Science Laboratory, Fargo, ND		
Provide a brief description of principal duties:			
Actively pursuing research in the area of site directed mutagenesis of the manganese stabilizing protein of photosystem II.			

Job Title		Tenure	
Employer			
Provide a brief description of principal duties:			

Job Title		Tenure	
Employer			
Provide a brief description of principal duties:			

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 HELD	
Breath Test Supervisor	
CLASSES TAUGHT TO LAW ENFORCEMENT PERSONNEL:	
07/06/2006	Breath Alcohol Operators Re-Certification, Anchorage (4 hours)
12/22/2006	Breath Alcohol Operators Re-Certification, Cantwell (4 hours)
12/24/2006	Breath Alcohol Designated Operators Certification, Fairbanks (1 hour)
03/09/2007	Breath Alcohol Supervisor's Re-Certification Course (16 hours)
03/16/2007	Breath Alcohol Supervisor's Certification Course (40 hours)
04/17/2008	Breath Alcohol Supervisor's Re-Certification Course (16 hours)
04/21/2008	Breath Alcohol Supervisor's Certification Course (40 hours)
06/02/2008	Breath Alcohol Designated Operators Certification, Houston (1 hour)
07/11/2008	Breath Alcohol Operator's Certification/DO Recertification, Anchorage (8 hours)
10/06/2008	Breath Alcohol Operator's Certification/DO Certification, Haines (8 hours)
10/13/2008	Breath Alcohol Designated Operator's Certification, Fort Yukon (1 hour)
04/02/2009	Breath Alcohol Supervisor's Re-Certification Course (16 hours)
04/10/2009	Breath Alcohol Supervisor's Certification Course (40 hours)
07/17/2009	Breath Alcohol Operator's Certification, Fairbanks (8 hours)
11/16/2009	Breath Alcohol Supervisor's Re-Certification/Certification Course (40 hours)
05/14/2010	Breath Alcohol Supervisor's Re-Certification/Certification Course (40 hours)
11/08/2010	Breath Alcohol Supervisor's Re-Certification Course (24 hours)
11/17/2010	Breath Alcohol Supervisor's Re-Certification/Certification Course (40 hours)
05/11/2011	Breath Alcohol Supervisor's Re-Certification Course (24 hours)

RESEARCH:

Site directed mutagenesis of the manganese stabilizing protein of photosystem II, North Dakota State University, 2004-2005