

**ASCLD/LAB-International**

**STATEMENT OF QUALIFICATIONS**

<b>Name</b>	Brian C. Dittman	<b>Date</b>	April 12, 2011
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<b>Laboratory</b>	State of Alaska Scientific Crime Detection Laboratory
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<b>Job Title</b>	Forensic Technician II
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**Indicate all disciplines in which you do casework:**

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

**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
University Of Wisconsin Oshkosh	1984 - 1987	Biology	None
University of Alaska Southeast	1994 - 1995	Computer Science	None

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

1996	LIMS, Chain of Custody, and Sampling training, State Chemistry Lab Juneau Alaska.
1996	Hazmat training: Handling, shipping and disposing of hazardous materials, State Chemistry Lab and Alaska Airlines Juneau Alaska.
1997	Organic and Inorganic sample prep, State Chemistry Lab Juneau Alaska.
1997	Wet Chemistry: TSS, TDS, Conductivity, and Turbidity State Chemistry Lab Juneau Alaska.
1999	Soil and water Mercury analysis State Chemistry Lab Juneau Alaska.
2001	Sample receiving, sample acquisition, Chain of Custody, and sample handling. Region 10 Port Orchard WA. (1 week).
2004	Chain of Custody, Evidence room Procedures, Evidence Processing, Known DNA Sample Prep, Evidence Storage and the Proper Packaging of Evidence SCDL Anchorage AK.
2005	Cold weather foot and track class (1 day) SCDL Anchorage AK.
2005	Death investigation class (1day) SCDL Anchorage AK.

- 2006 Cold weather foot and track class 2 (1day) SCDL Anchorage AK.
- 2007 IAPE training with APD (2 day) Anchorage AK.
- 2007 Certified Property and Evidence Specialist (On line Test).
- 2008 Expert Witness Testimony Technique (1 day), Ron Smith, SCDL Anchorage AK.
- 2008 Practical Homicide Investigation (4 days), Vernon Geberth wntown hotel Anchorage AK.
- 2008 Digital Photography for Law Enforcement Training (1 day) SCDL, Anchorage AK.
- 2008 Crime Scene Investigation for the Rural Trooper (5 days) SCDL, Anchorage AK.
- 2008 Using your Cannon camera (1day) Stewarts Photography, Anchorage AK.
- 2008 Documenting and Collecting Indoor Impression Evidence (1 day) SCDL, Anchorage AK.
- 2008 Documenting and Collecting Snow Impression Evidence (1 day) SCDL, Anchorage, AK.
- 2008/2009 Forensic Technician II Training, Lesley Hammer, Mark Beck, Turner Pippin and Kathi Young, Anchorage, AK. (Daily for 4 months)
- 2008 Diagram Construction, Turner Pippen, Anchorage, AK.
- 2008 Sulfur Casting, Turner Pippin, Anchorage, AK.
- 2008 Sulfur Cement Casting, Turner Pippin, Anchorage, AK.
- 2008 Mixing and Maintaining Reagents, Mark Beck, Anchorage, AK.
- 2008 Chemical Processing, Mark Beck, Anchorage, AK.
- 2008 Fingerprint Detection, Mark Beck, Anchorage, AK.
- 2008 Trace Evidence, Janiece Amick, Anchorage, AK.
- 2008 Blood and other Biological Evidence, JoAnne Lopez, and Kristen Denning, Anchorage, AK.
- 2008 Firearm Evidence, Mark Beck, Anchorage, AK.
- 2009 Toolmarks, Deb Gillis, Anchorage, AK.
- 2009 Courtroom Proceedings Observation, Mark Beck and Jack Hurd, Palmer, AK
- 2009 Courtroom Proceedings Observation, Turner Pippin and Janiece Amick, Anchorage, AK
- 2009 Motor Vehicle Investigation, Lesley Hammer, Anchorage, AK.
- 2009 Burglary Investigation, Lesley Hammer, Anchorage, AK.
- 2009 Controlled Substances, Jack Hurd and Steve Palmer, Anchorage, AK.

2009 Jtrax software, (2days) Orin Dim and Mark Beck, Anchorage, AK.

2009 Crime scene training with Kathi Young (5 days) AST Fairbanks, Fairbanks AK.

2009 Expert Testimony, Lesley Hammer, Anchorage, AK.

2009 Mock trial (1hr), SCDL Anchorage, AK.

2009 Crime scene training with Turner Pippen (3 weeks) MatSu West, Wasilla, AK.

2009 Crime scene training with Kathi Young (2 weeks) MatSu West, Wasilla, AK.

2009 Advanced Crime Scene Chemical Enhancement and low light photography techniques: Forensic light source and luminol/blue .star (1day) Jim Wolf and Lesley Hammer Anchorage AK.

2009 Identifying and photographing hard to photograph latent prints (1 day) Lesley Hammer and Mark Beck, Latent Section, Anchorage AK.

12/10/09 Advanced Digital Photography for Law Enforcement (1 day) Jim Wolf SCDL Anchorage AK.

2/17/2010 - 4/16/2010 Identification of latent prints of value, (2 months) Turner Pippin SCDL Anchorage AK.

07/11/2010 - 07/17/2010 IAI confrence in Spokane Washington (40 hrs).

07/2010 Digital Photography of Latent Prints workshop (4.00 hrs) Robert Garrett at the 95<sup>th</sup> IAI Educational Conference in Spokane WA.

07/2010 The Optimum Combination of Light Sources, Dye Blends and Filters workshop (2.00 hrs) Robert Garrett at the 95<sup>th</sup> IAI Educational Conference in Spokane WA.

07/2010 The use of Metal Detectors in the Recovery of Metallic Evidence workshop (2.00 hrs) Robert Garrett at the 95th IAI Educational Conference in Spokane WA.

07/2010 Tips and Tricks for Lifting Latent Prints workshop (2.00 hrs) King C. Brown at the 95th IAI Educational Conference in Spokane WA.

07/2010 Lifting Latent Prints off Unusual and Textured Surfaces workshop (2.00 hrs) Dick Warrington at the 95th IAI Educational Conference in Spokane WA.

07/2010 The Light Fantastic (2.00 hrs) Dick Warrington at the 95th IAI Educational Conference in Spokane WA.

07/2010 The Exposure Triangle lecture (2.00 hrs) Richard T. McEvoy at the 95th IAI Educational Conference in Spokane WA.

07/2010 Shooting Digital in the Raw lecture (2.00 hrs) Mark Zabinski at the 95th IAI Educational Conference in Spokane WA.

07/2010 Crime Scene Camera and Flash Work lecture (2.00 hrs) Richard T. McEvoy Jr. at the 95th IAI Educational Conference in Spokane WA.

07/2010 Gizmos and Gadgets lecture (2.00 hrs) Dick Warrington at the 95th IAI Educational Conference in Spokane WA.

07/2010 Accurate Night Photographs Made Easy lecture (2.00 hrs) Jerry A. Goffe at the 95th IAI Educational Conference in Spokane WA.

07/2010 Painting with a Forensic Light Source: Using a FLS to Increase Fluorescent Results lecture (2.00 hrs) Jon Goldey at the 95th IAI Educational Conference in Spokane WA.

03/15/2011 Bloodstain Evidence and Shooting Scene Reconstruction: (8.00 hrs) Bill Gifford at the Wasilla Fire Station #61 (by the invitation of the Alaska State Troopers).

03/16/2011 Documenting and Casting Footwear impressions: (8.00 hrs) Lesley Hammer at the Wasilla Fire Station #61 (by the invitation of the Alaska State Troopers).

**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.

Evidence Chain of Custody: Courtroom testimony: 1 time.  
Phone testimony: 1 time.

**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 Organization of Analytical Chemists 2001 – 2002

International Association for Property and Evidence 2007- present

Property and Evidence Specialist Certification, International Association of Property and Evidence, November 08, 2007

International Association for Identification 2009 - present

**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.

<b>Job Title</b>	Forensic Technician II	<b>Tenure</b>	11/01/08 - present
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<b>Employer</b>	State of Alaska Scientific Crime Detection Laboratory
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Provide a brief description of principal duties:

Under supervision of a Criminalist IV, apply detection and collection methods and procedures to obtain physical evidence for investigators at crime scenes. Locate physical evidence at crime scenes using search technologies such as forensic light sources and other development techniques. Utilize photographs, sketches, and diagrams for documentation; and develop and enhance evidence with chemicals and processes such as black power, casting materials, super glue, and blood enhancement reagents. Provide technical support to crime scene investigators and other law enforcement personnel, maintain chain of custody records, write crime scene collection reports; also, provide court testimony regarding chain of custody, evidence handling procedures, and crime scene documentation and processing. Process evidence dropped off by officers and troopers at a remote lab (Mat-Su West) for latent prints and swab for DNA. Help train new troopers in various forensic disciplines at the Sitka academy, and teach crime scene and/or evidence classes to local groups approved by the Alaska State Crime Laboratory.

<b>Job Title</b>	Forensic Technician	<b>Tenure</b>	11/15/04 – 10/31/08
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<b>Employer</b>	State of Alaska Scientific Crime Detection Laboratory
<b>Provide a brief description of principal duties:</b>	
Receive incoming evidence and enter it into the Laboratory Information Management System. Store and record storage location into LIMS. Transfer evidence to and from scientists maintaining the chain of custody in the process. Update and maintain each item's status as current in LIMS for each transfer of the evidence. Communicate with law enforcement agencies and troopers assigned to cases to determine the correct evidence analysis needed. Communicate with Attorneys assigned to cases to determine the location of the evidence and the status of the examinations the evidence requires. Properly prepare evidence for shipment back to the original agency. On occasion prepare evidence for viewing for the local District Attorney and defense attorneys at the lab. Provide court testimony regarding chain of custody, evidence handling procedures and evidence storage procedures. I conducted a yearly physical inventory and checked it against the LIMS databases.	

<b>Job Title</b>	Laboratory Technician	<b>Tenure</b>	July 2003 to November 2004
<b>Employer</b>	State of Alaska Health Laboratory		
<b>Provide a brief description of principal duties:</b>			
Sample Receiving, Maintenance, and Distribution. Maint in Chain of Custody on applicable samples. Prepared samples for the biochemistry section, and maintain mouse colony. Maintain a monthly log on all scales, air quality, and reagent water quality (turbidity and chlorine). I made media daily (filling scientist orders). I sterilized and cleaned laboratory glassware and maintained daily refrigerator logs			

<b>Job Title</b>	Environmental Laboratory Technician	<b>Tenure</b>	December 1996 to July 2003
<b>Employer</b>	State of Alaska Chemistry Laboratory		
<b>Provide a brief description of principal duties:</b>			
Receiving and maintaining Chain of Custody on all evidence. Sampled sites for evidence in the field. Maintaining accurate records on all evidence. Preparing samples for the inorganic team and the organic teams. Hazardous material disposal / destruction. Maintain chain of custody supplies. Maintain certification for wet chemistry and mercury analysis.			

<b>Job Title</b>		<b>Tenure</b>	
<b>Employer</b>			
<b>Provide a brief description of principal duties:</b>			

**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.)

Instructed the following class at the State Chemistry Lab: Maintaining Chain of Custody and Wet Chemistry
Instructed/assisted Juneau high school science students with their science fair projects, including Mercury analysis, pH, and turbidity, conductivity, TSS and TDS.
I instructed high school students, troopers, and new lab personnel on Chain of Custody and the basic workings of the State Crime Lab evidence room.
I instruct high school students and CSI camp students on, crime scenes, Chain of Custody, crime scene equipment and. the crime lab van.
I deliver impromptu classes to troopers and students on crime scenes, Chain of Custody, evidence packaging, latent print lifting and DNA swabbing at the Mat-Su West facility.
Assisted Jim Wolf with the Digital Photography for Law Enforcement Class.
I instruct girl scout and boy scout classes on basic Crime Scene Investigation and evidence collection techniques - classes are limited to once a month.

Instruct boyscout classes on the history of fingerprints and the information they needed to acquire a fingerprint badge

Assisted Kathi Young and Randy McFarland with the week long Death Investigation for the Rural Trooper class.