

**ASCLD/LAB-International**

**STATEMENT OF QUALIFICATIONS**

<b>Name</b>	John R. Giacalone	<b>Date</b>	April 03, 2011
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<b>Laboratory</b>	State of Alaska Scientific Crime Detection Laboratory
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<b>Job Title</b>	Forensic Scientist III
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**Indicate all disciplines in which you do casework:**

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| <input checked="" 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 checked="" type="checkbox"/> <b>Trace Evidence</b>        | <input type="checkbox"/> <b>Questioned Documents</b> |
| <input type="checkbox"/> <b>Latent Prints</b>                    | <input type="checkbox"/> <b>Crime Scene</b>          |
| <input type="checkbox"/> <b>Digital Evidence</b>                 |  |

**List all sub-disciplines in which you do casework:**

Fire Debris Analysis
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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
Marshall University	1995 – 1996	Forensic Science	M.S.
Marshall University	1986 – 1995	Physical Science	M.S.
Eastern Kentucky University	1978 – 1980	Forensic Science	B.S.
Eastern Kentucky University	1978 – 1980	Chemistry	B.A.
Canton ATC	1976 – 1978	Criminal Justice	AAS

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

2011	American Academy of Forensic Science (AAFS) Chicago, IL (3 days) White Powder Unknowns Hooke College, IL 4 1/2 days
2010	American Academy of Forensic Science (AAFS) Seattle, WA (3 days) Advance Fire Debris Analysis (FBI) Houston, TX (3 days) Scientific Working Group on Gunshot Residue (SWGSR) Clearwater Beach, FL (3 days)
2009:	Scientific Working Group on Gunshot Residue ( Morgantown, WV (3 ½ days) American Academy of Forensic Science (AAFS) Denver, CO (3 ½ days) Advanced Course in Mass Spectrometry (FIU) Miami, FL (4 ½ days) Fire Debris Symposium and Organic Chemistry for Fire Debris Analysis, Orlando, FL 2 days
2008:	Controlled Substance Training, SCDL (3 months) Marijuana Identification, SCDL (80 hours) Infrared Analysis of Controlled Substances (Brian Smith), Alaska Scientific Crime Detection Laboratory Anchorage, Alaska (32 hours)
2007:	Scientific Working Group on Gunshot Residue (SWGSR) Morgantown, WV (3 ½ days) Scanning 2007 Meeting, Monterey, CA (1 day) Trace Evidence Symposium, NIJ/FBI Clearwater, FL (4 days) Death Investigation Seminar: Cyril Wecht, et al., Anchorage, AK (8 hours)

- 2006: Fire Debris Validation and Training, SCDL Chris Beheim (6 months)
- 2005: GSR Symposium, FBI Academy, Quantico, VA. Michael Trimpe (32 hours)  
Advanced Fire Debris Analysis School, The National Center for Forensic Science, Reta Newman, Ohio State Fire Marshal Office, Columbus, OH (32 hours)
- 2004: Basic Fire Debris Analysis School, The National Center for Forensic Science, Reta Newman, Pinellas County Crime Lab, Largo, Florida, (32-hours)
- 2003: State and Local Postblast Investigation, Bureau of Alcohol, Tobacco and Firearms, Anchorage, Alaska (40 hours)
- Biological Evidence Collection, State of Alaska Crime Detection Laboratory, Anchorage, Alaska (8 hours)
- “Courtroom Testimony: A Seminar on How to be an Effective Witness in the Courtroom,” by Valerie Van Brocklin, Law Enforcement Trainer, Anchorage, Alaska (8 hours)
- Arson Evidence by Donald Cuthbert of State of Alaska Fire Marshal, Anchorage, Alaska (4 hours)
- Vehicle Processing, State of Alaska Crime Detection Laboratory, Anchorage, Alaska (8 hours)
- Application of Scanning Microscopy in Forensic Science, Modern Microscopy/Scanning 2003, San Diego, California (8 hours)
- 2002: ISIS Gunshot Users Meeting, Concord, MA
- 2001: International Scanning 2001 Conference, Manhattan, New York
- 2000: Scanning 2000 Workshop, San Antonio, Texas (2 days)
- 1999: Forensic SEM Workshop (Scanning 1999), Chicago, Illinois (3 days)
- Annual Meeting of the American Academy of Forensic Science (AAFS), Orlando, Florida
- “Effective Witness Testimony Workshop” sponsored by AAFS, Florida (8 hours)
- 1998: “Forensic Analysis of Paint” course, FBI Academy, Quantico, Virginia (40 hours)  
50th Anniversary of AAFS Workshops and Meetings, San Francisco, CA
- Seminar on Forensic SEM 1998 (Scanning 98), Baltimore, Maryland (2 days)
- 1997: Seminar on Forensic SEM 1997 (Scanning 97), Monterey, California (2 days)
- 1996: International Symposium on Trace Evidence, San Antonio, Texas (2 days)
- “Forensic Paint Examination” course, California Criminalistics Institute, Sacramento, California (40 hours)

- 1995: Southern Association of Forensic Scientists Meeting, Paducah, Kentucky  
Northwestern Association of Forensic Scientists Meeting, Anchorage, Alaska
- 1994: “Post-Blast Investigators School,” FBI Academy, Quantico, Virginia (40 hours)
- 1993: “Nicolet Microspectroscopy Course,” Nicolet and Spectra Tech, Madison, Wisconsin (3 days)  
24th Annual SEM Short Course, Institute for Material Science, SUNY, New Paltz, New York
- 1992: “Advanced Crime Scene Techniques” course, Forensic Consultant Services, WV State Police Academy (40 hours)  
“Trace Evidence Analysis via Microscope FTIR” course, FBI Academy, Quantico, Virginia (3 days)  
“Forensic Scanning Electron Microscopy” course, McCrone Research Institute, Chicago, Illinois (40 hours)  
“Chromatographic Methods in Forensic Science” course, FBI Academy, Quantico, Virginia (40 hours)
- 1991: International Symposium on the Forensic Aspects of Trace Evidence, FBI Academy, Quantico, Virginia (40 hours)
- 1990: “Instrumental Analysis of Explosives” course, FBI Academy, Quantico, Virginia  
Southern Association of Forensic Scientists Meeting, Jacksonville, Florida  
1989: FTIR Workshop, McCrone Research and Forensic SEM Workshop, SAFS Spring 1989 Meeting, Raleigh, North Carolina
- 1987: “Principles of Microscopy” course, Marshall University (2 days)  
Spring Meeting 1987 of the Southern Association of Forensic Scientists Meeting, Lexington, Kentucky
- 1985: “Operators Course of the TN5500,” Madison, Wisconsin (2 days)  
“Polarizing Light Microscopy” course, St. Johns University, New York, NY (3 days)  
“Basic Compositions of Paint” course, University of Missouri at Rolla (40 hours)
- 1984: Member of the Southern Association of Forensic Scientists  
“GCMS Operators and Maintenance Course”, Finnigan MAT Institute, Cincinnati, Ohio (40 hours)  
“Instrumental Analysis of Paints” course, FBI Academy, Quantico, Virginia (40 hours)  
“Scanning Electron Microscopy” course, McCrone Research Institute, Chicago, Illinois (40 hours)
- 1983: “On-Off Status of Lamps” course, Northwestern Traffic Institute, Evanston, Illinois (2 days)

35th Annual Meeting of the American Academy of Forensic Science, Cincinnati, Ohio

Fall Meeting of the Southern Association of Forensic Scientists, Chattanooga, Tennessee

1982: "A Survey of Glass" course, FBI Academy, Quantico, Virginia (40 hours)

1981: "Forensic Chemist Seminar", Drug Enforcement Administration Laboratory, McLean, Virginia

**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.

Alaska Superior Court (approximate occasions)

2003 – present	Controlled Substances	12 occasions
	Blood and Evidence Screening	13 occasions
	Paint	2 occasions
	Fire Debris	2 occasions

West Virginia Circuit Court

1986 – present	Paint Comparison and Analysis	8 occasions (approximately)
1986 – present	Glass Comparison and Analysis	5 occasions (approximately)
1991 – present	Gunshot Residue	34 occasions (approximately)
1986 – present	Lamp Examinations	4 occasions (approximately)
1986 – present	Miscellaneous Materials	2 occasions (approximately)
1982 – 1985	Drug Analysis	24 occasions (approximately)

West Virginia Federal Court

1998 – present	Gunshot Residue	2 occasions
1983 – 1985	Drug Analysis	3 occasions

**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.

Member of the Southern Association of Forensic Scientists (SAFS)  
Member of the International Association of Microanalysts (IAMA)  
Member of the Scientific Working Group on Gunshot Residue (SWGSR)

**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 Scientist III	<b>Tenure</b>	02/03 - present
<b>Employer</b>	State of Alaska Scientific Crime Detection Laboratory		
Provide a brief description of principal duties:			
Examine fire debris and drug analysis. Provide expert testimony on results			

<b>Job Title</b>	First Sergeant / Criminalist VI (Trooper/Corporal/Sergeant/First Sergeant (retired))	<b>Tenure</b>	1981 - 2003
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<b>Employer</b>	West Virginia State Police Forensic Laboratory
Provide a brief description of principal duties:	
Evidence examination: paint, glass, gunshot residue, lamps, drugs. Provide expert testimony on results	

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

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

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

**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.)

1. West Virginia State Police Forensic Laboratory Forensic Focus news journal author/co-editor
2. Presented talks and posters at scientific meetings NWAFS 1995, Scanning 1997, Scanning 1998, Scanning 1999, Scanning 2000, Scanning 2001, and Scanning 2003
3. Taught at the WV State Police Academy and at Alaska Law Enforcement courses
4. Adjunct professor at Marshall University, WV
5. I met CLIA qualifications and held a WV medical technologist license issued by the WV Department of Health.
6. ASCP certified Clinical Laboratory Scientist in Chemistry and Urinalysis.