

CURRICULUM VITAE

MELISSA L. PEMBERTON

Forensic Toxicologist

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EMPLOYMENT:

- **Senior Forensic Toxicologist** - Washington State Toxicology Laboratory, Seattle WA, May 2004-Present
- **Forensic Toxicologist** - Washington State Toxicology Laboratory, Seattle WA August 1998-Present
- **Certifying Scientist** - SmithKline Beecham Clinical Laboratory, Department of Forensic Toxicology, Seattle WA, 1993-1998
- **Medical Technologist** - SmithKline Beecham Clinical Laboratory, Department of Clinical and Forensic Toxicology, Seattle WA, 1986-1993
- **Laboratory Assistant** - Puget Sound Blood Center, Crossmatching Department, Seattle WA, June 1984-November 1985

EDUCATION:

- **Medical Technology Internship** - Tacoma General Hospital, Tacoma WA, 1984-1985
- **Bachelor of Science** - Microbiology, San Diego State University, San Diego CA, 1983

ADDITIONAL TRAINING:

- **Horizontal Gaze Nystagmus, Dr. Carl Citek** - Seattle WA, January 5, 2011
- **Leadership in Police Organizations**, Shelton WA, June 2009
- **ASCLD/LAB-International Preparation Course** - Emeryville CA, July 2008
- **Advanced Roadside Impaired Driving Enforcement (ARIDE)** - Seattle WA, October 2005
- **Case studies in DUID: Numbers, Signs, Symptoms, and Beyond.** - Society of Forensic Toxicologists Annual Meeting, Nashville TN, October 2005
- **Basic Principles of Forensic Toxicology** - FBI Laboratory and SOFT/TIAFT Meeting, Washington DC, September 2004
- **Feeling Blue? Antidepressant Workshop!** - The Society of Forensic Toxicologists, Portland OR, October 2003

- **The Effects of Drugs on Human Performance and Behavior** - Indiana University, Bloomington IN, March 16-19th, 2003
- **Comprehensive HPLC Training Seminar** - Restek, Seattle WA, August 2002
- **DWI Detection and Standardized Field Sobriety Testing** - USDOT, National Highway Traffic Safety Administration, Seattle Police Department, November 2001
- **5973 MSD Autotune, Agilent Technologies** - Seattle WA, September 2001
- **Current Topics in Forensic Toxicology** - Los Angeles CA, August 2001
- **Academy of Forensic Sciences Meeting** - Seattle WA, February 2001
- **Northwest Association Of Forensic Scientists Meeting** - Seattle WA, October 2000
- **Academy Of Forensic Sciences Meeting** - Reno, NV February 2000
- **The Rave Culture, Ravers, and their Drugs** - DRE Seminar, Jim Mock, Seattle WA, 2000
- **Drug Induced Diminished Capacity** - Seattle WA, 2000
- **Comprehensive Gas Chromatography Training Seminar** - Restek-Seattle WA, 1999
- **Issues in Urine Testing for Amphetamine and Methamphetamine** - Teleconference conducted by Dr. Leo Kadehjian, Washington State Toxicology Laboratory, Seattle WA, September 1999
- **Everything You Always Wanted to Know About SYVA EMIT Chemistries** - Seminar by Carolyn Steinmetz, Washington State Toxicology Laboratory, Seattle WA, April 1999
- **Tricyclic Antidepressants: Use and Detection** - Teleconference conducted by Dr. Leo Kadehjian, Washington State Toxicology Laboratory, Seattle WA, March 1999
- **Tests for BAC in Highway Safety Programs, Supervision and Expert Testimony** - Indiana University, Bloomington IN, December 1998
- **Validation of Field Sobriety Tests at 0.05 and 0.08, and Effects of Low Levels of Alcohol and Driving** - Marcelline Burns PhD, Washington State Toxicology Laboratory, Seattle WA, November 1998
- **Gas Chromatograph/Mass Spectrometer Maintenance School** - Hewlett Packard, Bellevue WA 1991
- **Rapid Drug Detection** - Toxilab, 1990

Publications:

- **Poster Presentation: BAC's > 0.30 g/100mls. Can They Walk The Line?**
- **Couper FJ, Pemberton M, Jarvis A, Hughes M, Logan BK, Prevalence of drug use in commercial tractor-trailer drivers.**

PROFESSIONAL SOCIETIES:

- **American Society of Clinical Pathologists**