

Curriculum Vitae

Sarah M. Swenson

Current Position Forensic Scientist 3
Washington State Patrol
Forensic Laboratory Services Bureau
Toxicology Laboratory Division
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Education B.S., Chemistry, University of Wisconsin, Madison, WI, May 2002

Position Description

- Analyze biological samples for alcohol and drugs in DUI and death investigation cases
- Interpret results from analytical instrumentation
- Prepare external standard simulator solution for the BAC Datamaster
- Perform general maintenance on instruments
- Appear in court to testify to analytical findings and provide testimony on pharmacology and effects of alcohol and other drugs

Professional Experience

- *Forensic Scientist* (3/2006-Present)
Washington State Toxicology Laboratory, Seattle, WA
- *Chemist* (12/2002-1/2006)
Wisconsin State Laboratory of Hygiene, Madison, WI
- *Quality Control Chemist* (8/2002-11/2002)
Coatings Place, Inc., Verona, WI

Certifications

Wisconsin Department of Health and Family Services: Alcohol Analysis Permit #AP-519, 2003-2006
Washington State Blood Alcohol Analyst Permit, March 2006-Present

Professional Affiliations

Society of Forensic Toxicologists (SOFT), *Full Member*, 2009-Present
International Association for Chemical Testing (IACT), *Regular Member*, 2010-Present

Professional Training

Indiana University: The Robert F. Borkenstein Course on Alcohol, Drugs and Highway Safety: Testing, Research, and Litigation, Bloomington, IN, December 7-12, 2003

University of Wisconsin - Extension: Psychoactive Substances, Madison, WI, March 23, 2004

University of Wisconsin Law School, Resource Center on Impaired Driving, in cooperation with the Wisconsin Bureau of Transportation, Bureau of Transportation Safety: Annual Traffic and Impaired Driving Law Program, Appleton, WI, April 13-14, 2004

National Highway Traffic Safety Association: DWI Detection and Standardized Field Sobriety Testing Course, Juneau, WI, July 12-14, 2004

Wisconsin Department of Transportation: Intoximeter Training, Blood to Breath Study, Waukesha, WI, September 28, 2004

Wisconsin Department of Transportation: Intoximeter Training, Blood to Breath Study, Richland Center, WI, October 12, 2004

International Association for Chemical Testing: 18th Annual Meeting, Madison, WI, April 10-14, 2005

Agilent Technologies: LC and GC Seminar, Madison, WI, April 28, 2005

Drug Recognition Expert (DRE) Recertification Training: The Eyes, Milwaukee, WI, November 18, 2005

National Highway Traffic Safety Association: Drugs That Impair Driving (8-Hour Drug Block) Class, Madison, WI, January 10, 2006

National Highway Traffic Safety Association: Drugs That Impair Driving (8-Hour Drug Block) Class, Seattle, WA, March 16, 2006

National Highway Traffic Safety Association: DWI Detection and Standardized Field Sobriety Testing Course, Seattle, WA, September 20-22, 2006

California Association of Toxicologists: General Meeting, Palm Springs, CA, November 6- 7, 2006
Workshop: To Derivatize or Not To Derivatize

Restek: LC/MS Training Seminar, Seattle, WA, January 26, 2007

Restek: GC/MS Training Seminar, Seattle, WA, February 6, 2007

Indiana University: Robert F. Borkestein Course: The Effects of Drugs on Human Performance and Behavior, Bloomington, IN, April 15-20, 2007

National Forensic Science Technology Center: Liquid Chromatography-Tandem Mass Spectrometry Technology Transfer Workshop, Largo, FL, July 19-20, 2007

Joint meeting of The International Association of Forensic Toxicologists (TIAFT) and International Council on Alcohol, Drugs and Traffic Safety (ICADTS) and featuring the 8th Ignition Interlock Symposium (IIS): General Meeting, Seattle, WA, August 26-30, 2007
Symposium: Blood Drug Concentrations and Driving

Washington State Patrol Breath Test Section: Effects of Food on Breath Alcohol Concentration Drinking Lab, Seattle, WA, May 30 and June 5, 2008

Society of Forensic Toxicologists: Annual Meeting, Phoenix, AZ, October 27-31, 2008
Workshop: The "Stimulating" Realm of Sympathomimetic Amines and Tryptamines
Workshop: ISO 17025 Accreditation – What You Need to Know

National Highway Traffic Safety Association: Advanced Roadside Impaired Driving Enforcement Course, Seattle, WA, November 24-25, 2008

International Association for Chemical Testing: 22nd Annual Meeting, Anchorage, AK, May 4-7, 2009

American Academy of Forensic Sciences: 62nd Annual Scientific Meeting, Seattle, WA, February 22-27, 2010

California Association of Toxicologists: General Meeting, Glendale, CA, November 4-5, 2011
Forensic Alcohol: The Challenges and Successes in the Field, Lab and Courtroom

International Association of Chiefs of Police: 18th Annual Training Conference on Drugs, Alcohol and Impaired Driving, Seattle, WA, August 16-18, 2012

New York State Division of Criminal Justice Services: Applications of Higher Resolution Mass Spectrometry in Forensic Toxicology, Albany, NY, September 23-24, 2013

Presentations

"Suicidal Drug Ingestion Involving Zaleplon", Joint meeting of The International Association of Forensic Toxicologists (TIAFT) and International Council on Alcohol, Drugs and Traffic Safety (ICADTS) and featuring the 8th Ignition Interlock Symposium (IIS): General Meeting, Seattle, WA, August 26-30, 2007

“Alcohol Physiology”, Washington State Patrol Breath Test Section: BAC Datamaster Basic Instructor Training, Seattle, WA, March 26, 2008

“The Role of Toxicology in Criminal Investigations”, Washington State Criminal Justice Training Commission: Crime Scene Investigation – Basic, Burien, WA, December 4, 2008

“Phencyclidine Impaired Drivers in Washington”, International Association for Chemical Testing: 22nd Annual Meeting, Anchorage, AK, May 4-7, 2009

“An Overview of Drug Facilitated Sexual Assaults in Washington”, University of Washington Continuing Nursing Education: Advanced Sexual Assault Nurse Examiners (SANE) Training, Wenatchee, WA, May 20, 2009

“Alcohol as a Drug”, Washington State Patrol: Prosecutor Drug Recognition Expert (DRE) School, Pasco, WA, August 23-25, 2010

“Toxicology’s Role in External Standard and QAP Solutions”, King County Prosecutor’s Office, Seattle, WA, July 31, 2012