

Curriculum Vitae

ELIZABETH WEHNER

Forensic Toxicologist

Washington State Patrol Toxicology Laboratory

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EMPLOYMENT

Forensic Scientist III – Washington State Patrol Toxicology Laboratory – Seattle, WA (May 2016 – Present)

Forensic Scientist II – Washington State Patrol Toxicology Laboratory – Seattle, WA (October 2014 – May 2016)

Criminalist I – Tucson Police Department Crime Laboratory – Tucson, AZ (January 2013 – September 2014)

Forensic Chemist II - Aegis Sciences Corporation – Nashville, TN (June 2012 – December 2012)

Chemistry Intern - Washington State Patrol Crime Laboratory – Cheney, WA (June 2011 – May 2012)

Undergraduate Research – Gonzaga University – Spokane, WA (May 2010 – August 2010)
“Short-term exposure to heavy metal pollution and the odor of predation alter snail behavior”

EDUCATION

Gonzaga University, Spokane, WA

Bachelor of Science in Biochemistry, May 2012 Cum Laude

TRAINING AND COURSEWORK

Robert F. Borkestein Course on the Effects of Drugs on Human Performance and Behavior –
Indiana University Center for Studies of Law in Action – Philadelphia, Pennsylvania (September 19-23, 2016)

Detection and Standard Field Sobriety Testing – Seattle Police Department – Seattle, Washington (January 13-15)

Robert F. Borkestein Course on Alcohol & Highway Safety: Testing, Research & Litigation –
Indiana University Center for Studies of Law In Action – Bloomington, Indiana (May 17-22, 2015)

Horizontal Gaze Nystagmus presented by Dr. Karl Citek – Washington State Patrol - Suquamish, Washington (February 25, 2015)

Washington State Patrol Target Zero Team Ride Along – Washington State Patrol - Trooper Alicia Phillips (February 20, 2015)

Advanced Roadside Impaired Driving Enforcement (A.R.I.D.E.) – Washington State Patrol – Presenters: Sgt. Courtney Stewart and Sgt. Lisa Mosley - Bellevue, Washington (February 11-12, 2015)

Standard Field Sobriety Test and Horizontal Gaze Nystagmus – Washington State Patrol Academy – Presenters: Sgt. Brandon Vallanti and Sgt. Courtney Stewart - Shelton, Washington (January 5, 2015)

Best Practices for Volumetric Measurements – RTI International Online Course (November 26, 2014)

Expert Witness Testimony Techniques for Laboratory Analysts – Ron Smith & Associates, Inc. - Burien, Washington (November 19 – 20, 2014)

GC/MSD ChemStation Software and Instrument Operation– Agilent Technologies – Alpharetta, Georgia (June 9 – 13, 2014)

GC/MSD Troubleshooting and Maintenance – Agilent Technologies – Alpharetta, Georgia (May 20 – 22, 2014)

CHEM 501A Instrumental Analysis – University of Arizona – Tucson, Arizona (Spring 2014)

Measurement Confidence 100A/100B/100C - ASCLD/LAB International (January 28 – 30, 2014)

Courtroom Presentation of Evidence – Court Skills – Raymond J. Davis – Tucson, Arizona (November 2013)

“Synthetic Drugs – Evolution to Solution” – The Evidence Conference Webinar Series (September 2013)

FTIR Spectral Interpretation Applications – Thermo Fisher Scientific – Madison, Wisconsin (August 5 – 9, 2013)

FTIR Sampling Techniques – Thermo Fisher Scientific – West Palm Beach, Florida (July 30 – August 1, 2013)

“The Use of Mass Spectrometry in Forensic Science” – West Virginia University Webinar (July 2013)

“Emerging Trends in Synthetic Drugs Workshop” – NIST and DEA (April 30 – May 1, 2013)

“What Makes a Credible Witness” – Forensic Magazine Educational Webinar Series (April 2013)

“The Analog Dilemma with Synthetic Cannabinoids” – NMS Laboratory Webinar (April 2013)

Introduction to Drug Chemistry – West Virginia University – NIJ Grant Funded (Spring 2013)

Forensic Mass Spectrometry – West Virginia University – NIJ Grant Funded (Spring 2013)

To Hell and Back: The Ethics of Stewardship and the Stewardship of Ethics – RTI International Online Course (January 2013)

How to Be a Good Expert Witness – RTI International Online Course (January 2013)

PRESENTATIONS

Tucson City Prosecutors Office – Tucson, AZ (June 2014)

Drug Analysis at the Tucson Police Department Crime Laboratory

Spokane Intercollegiate Research Conference – Spokane, WA (April 2012)

“3,4-methylenedioxypropylone: Synthesis and characterization of designer drugs and their analogues”

Washington State Patrol Crime Lab Brown Bag Seminar – Cheney, WA (October 2011)

Senior Thesis Proposal: “Characterization of Designer Drugs”

Murdock Undergraduate Science Research Conference – McMinnville, OR (Fall 2010)

Poster session: “Pre-exposure to heavy metal pollution and odor of predation alter snail behavior”

PUBLICATIONS

Lefcort, H., Wehner, EA., Cocco, PL. Pre-exposure to heavy metal pollution and the odor of predation reduce the ability of snails to avoid stressors. *Archives of Environmental Contamination and Toxicology*. October 2012.