

Curriculum Vitae

ELIZABETH GOUGH

(Formerly Elizabeth A. Wehner)

Forensic Scientist Supervisor
Washington State Patrol Toxicology Laboratory
2203 Airport Way S, Ste. 360
Seattle, Washington 98134
206-262-6100

Elizabeth.Gough@wsp.wa.gov

PROFESSIONAL EXPERIENCE

Forensic Scientist Supervisor – Washington State Patrol Toxicology Laboratory, Seattle, WA.
May 2018 – Present

Forensic Scientist III – Washington State Patrol Toxicology Laboratory, Seattle, WA.
May 2016 – May 2018

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

EDUCATION

Bachelor of Science, Biochemistry. May 2012.
Gonzaga University, Spokane, WA.

CERTIFICATIONS

Blood Alcohol Analyst Permit – Washington State Patrol Toxicology Laboratory Division.
January 2015 – Present

TRAINING AND COURSEWORK

Forensic ISO/IEC 17025:2017 Internal Auditor Training. ANAB. Seattle, WA. July 15 – 18, 2019.

American Society of Crime Laboratory Directors Annual Symposium. St. Louis, MO. May 19 – 23, 2019.

American Society of Crime Laboratory Directors Leadership Academy. Webinar Series with Capstone at Annual Symposium. February 2019 – May 2019.

Leadership in Police Organizations. Washington State Patrol. Shelton, WA. April 2018 – June 2018.

American Academy of Forensic Sciences Annual Conference. Seattle, WA. February 20 – 23, 2018.

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

Detection and Standard Field Sobriety Testing. Seattle Police Department. Seattle, WA. January 13 – 15, 2016.

Flakka: The Truth Behind The Latest Designer Drug Media Storm. NMS Laboratory, Online Webinar. June 1, 2015.

Robert F. Borkenstein Course on Alcohol & Highway Safety: Testing, Research & Litigation. Indiana University Center for Studies of Law in Action. Bloomington, IN. May 17 – 22, 2015.

Horizontal Gaze Nystagmus presented by Dr. Karl Citek. Washington State Patrol. Suquamish, WA. February 25, 2015.

Washington State Patrol Target Zero Team Ride Along. Washington State Patrol, Trooper Alicia Phillips. Seattle, WA. February 20, 2015.

Advanced Roadside Impaired Driving Enforcement (A.R.I.D.E.). Washington State Patrol. Bellevue, WA. February 11 – 12, 2015.

Standard Field Sobriety Test and Horizontal Gaze Nystagmus. Washington State Patrol Academy. Shelton, WA. 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, WA. November 19 – 20, 2014.

GC/MSD ChemStation Software and Instrument Operation. Agilent Technologies. Alpharetta, GA. June 9 – 13, 2014.

GC/MSD Troubleshooting and Maintenance. Agilent Technologies. Alpharetta, GA. May 20 – 22, 2014.

CHEM 501A Instrumental Analysis. University of Arizona. Tucson, AZ. Spring 2014.

Measurement Confidence 100A/100B/100C. ASCLD/LAB International, Online Webinar. January 28 – 30, 2014.

Courtroom Presentation of Evidence. Raymond J. Davis Court Skills. Tucson, AZ. November 2013.

“Synthetic Drugs – Evolution to Solution”. The Evidence Conference, Webinar Series. September 2013.

FTIR Spectral Interpretation Applications. Thermo Fisher Scientific. Madison, WI. August 5– 9, 2013.

FTIR Sampling Techniques. Thermo Fisher Scientific. West Palm Beach, FL. July 30 – August 1, 2013.

“The Use of Mass Spectrometry in Forensic Science”. West Virginia University, Online Webinar. July 2013.

“Emerging Trends in Synthetic Drugs Workshop”. NIST and DEA, Online Webinar. April 30 – May 1, 2013.

“The Analog Dilemma with Synthetic Cannabinoids” – NMS Laboratory, Online Webinar. April 2013.

Introduction to Drug Chemistry. West Virginia University, NIJ Grant Funded Online Course. Spring 2013.

Forensic Mass Spectrometry. West Virginia University, NIJ Grant Funded Online Course. Spring 2013.

To Hell and Back: The Ethics of Stewardship and the Stewardship of Ethics. RTI International, Online Course. January 2013.

P R E S E N T A T I O N S

“Washington State Patrol Toxicology in Death Investigations”. King County Medical Examiner’s Office. Seattle, WA. June 20, 2018.

“Washington State Patrol Toxicology Laboratory”. Washington Association of Coroners and Medical Examiners Annual Conference. Kennewick, WA. May 23, 2018.

“Drug Analysis at the Tucson Police Department Crime Laboratory”. Tucson City Prosecutor’s Office. Tucson, AZ. June 2014.

“3,4-methylenedioxypropylone: Synthesis and characterization of designer drugs and their analogues”. Spokane Intercollegiate Research Conference. Spokane, WA. April 2012.

“Characterization of Designer Drugs: Senior Thesis Proposal”. Washington State Patrol Crime Laboratory Brown Bag Seminar. Cheney, WA. October 2011.

“Pre-exposure to heavy metal pollution and odor of predation alter snail behavior”. Murdock Undergraduate Science Research Conference Poster Session. McMinnville, OR. Fall 2010.

P U B L I C A T I O N S

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*. 2013;64:273-280.