

## **Curriculum Vitae**

### **KARI O'NEILL**

Laboratory Manager  
Washington State Patrol Toxicology Laboratory  
2203 Airport Way South, Suite 360  
Seattle, WA 98134  
(206) 262-6100  
[Kari.ONeill@wsp.wa.gov](mailto:Kari.ONeill@wsp.wa.gov)

### **EMPLOYMENT**

**Laboratory Manager**, Washington State Patrol Toxicology Laboratory, Seattle, May 2024 – present

**Forensic Scientist Supervisor**, Washington State Patrol Toxicology Laboratory, Seattle, May 2018 – May 2024

**Forensic Scientist** – Washington State Patrol Crime Laboratory, Seattle, February 2006 – April 2018

#### Additional Roles:

**Crime Scene Response Team Responder** (January 2008 – June 2010)

**Peer Support/Critical Incident Stress Management Team Member** (October 2010 - April 2018)

**Forensic Scientist** – Washington State Patrol Toxicology Laboratory, Seattle, September 2003 – February 2006

**Laboratory Technician** – CODIS, Washington State Patrol Crime Laboratory, Seattle, August 2002 – September 2003

**Research Assistant/Analyst** – Bioanalytics, Immunex Corporation (acquired by Amgen), Seattle, February 2002 – August 2002

### **EDUCATION**

**Bachelor of Science – Biology (Zoology emphasis), Chemistry minor**, Western Washington University, Bellingham, WA

### **CERTIFICATIONS**

**Certified Blood Alcohol Analyst** - Washington State Toxicology Laboratory from October 2003 – October 2009 and June 2018 – July 2024

**Certified Forensic Manager Level 1** – National Forensic Science Academy – March 2024 - Present

## **PROFESSIONAL AFFILIATIONS**

### **Current:**

**American Academy of Forensic Sciences (AAFS)**, member since October 2006

**Northwest Association of Forensic Scientists (NWAFS)**, member since January 2005

### **Previous:**

**International Association of Bloodstain Pattern Analysts (IABPA)**, member 2010 – 2012

**California Association of Toxicologists (CAT)**, member 2005 – 2008

**International Association for Chemical Testing (IACT)**, member 2005 - 2008

## **TRAINING AND COURSEWORK**

- **Horizontal Gaze Nystagmus** presented by Dr. Karl Citek, Seattle, Washington, May 12, 2023
- **American Society of Crime Lab Directors' Leadership Academy Level 1**, Online/Capstone in Austin, Texas, February 2023 - May 2023
- **The Robert F. Borkenstein Course on Drugs: The Effects of Drugs on Human Performance and Behavior**, Center for Forensic Science and Research, Online, September 26-30, 2022
- **Forensic ISO/IEC 17025:2017 External Auditor Training**, ANAB, Online, June 2021
- **First Level Supervisor Basic**, Criminal Justice Training Center, Burien, Washington, November 2018
- **Leadership in Police Organizations**, Washington State Patrol Academy, Shelton, Washington, July 2018 – October 2018
- **Supervisor Basic Headquarters Week**, Washington State Patrol, Olympia, Washington, June 2018
- **Advanced Roadside Impaired Driving Enforcement (ARIDE) Course**, Seattle Police Department, Seattle, Washington, May 21-22, 2018
- **LC-MS/MS Methods Development 101**, Sciex Webinar series, May 15, 2018
- **American Academy of Forensic Sciences 70<sup>th</sup> Annual Meeting**, Seattle, Washington, February 18-24, 2018 Workshop #22) *Science Matters to Everyone: Victims, Offenders, and the Public.*
- **STRmix<sup>TM</sup> Training Workshop** by Dr. John Buckleton, Richard Wivell, and Adam McCarthy, Seattle, Washington, December 12-15, 2017.
- **28<sup>th</sup> International Symposium on Human Identification by Promega**, Seattle, Washington, October 2-5, 2017 to include workshops: *Introduction to Mindfulness for Forensic Scientists* and *The Impact of Medicine and Genetics on Social, Ethical and Legal Considerations in Forensic DNA Testing.*
- **Forensic DNA Next Generation Sequencing (NGS)/Massively Parallel Sequencing (MPS)** by Dr. Walther Parson, Seattle, Washington, October 25, 2016

- **Promega Tech Tour Seminar Series**, Seattle, Washington, June 9, 2016
- **Washington State Patrol Crime Laboratory Division Forensic DNA Continuing Education Day**, Burien, Washington, June 18, 2015
- **Peer Support and Group Crisis Intervention In-Service**, Shelton, Washington, May 26-27, 2015
- **American Academy of Forensic Sciences (AAFS) 66<sup>th</sup> Annual Meeting**, Seattle, Washington, February 18-22, 2014 Workshop #23) *Applications of Next Generation Sequencing in Forensic DNA Analysis*.
- **Law Enforcement Agency Response to Line of Duty Death**, Burien, Washington, December 11, 2013
- **DNA Mixture Interpretation** – NIST Webinar, Seattle, Washington, June 13, 2013
- **Peer Support and Group Crisis Intervention In-Service**, Shelton, Washington, April 10-11, 2013
- **Northwest Association of Forensic Scientists Annual Meeting**; including workshops: *Bloodstain Pattern Analysis for the Bench Scientist*, *Advances in DNA*, and *Jury Selection*, Missoula, Montana, September 24-28, 2012
- **Advances in DNA Seminar Series**, Life Technologies, Seattle, Washington, September 13, 2012
- **Peer Support and Group Crisis Intervention In-Service**, Shelton, Washington, March 7-8, 2012
- **Supervisor Essentials – Phase 1**, Human Resources, Olympia, Washington, November 28-30, 2011
- **Northwest Association of Forensic Scientists Annual Meeting**, including Reproducing Bloodstain Patterns Workshop, Green Forensics, Tacoma, Washington, September 28, 2011
- **Qiagen and DNA Analysis Workshop**, Qiagen, Northwest Association of Forensic Scientists Annual Meeting, Tacoma, Washington, September 27, 2011
- **Life Technologies DNA Automation Seminar Series**, Applied Biosystems, Northwest Association of Forensic Scientists Annual Meeting, Tacoma, Washington, September 26, 2011
- **Peer Support and Group Crisis Intervention In-Service**, Shelton, Washington, March 9-10, 2011
- **Quality Assurance Standards/Auditor Training**, FBI online course, November 2010
- **Individual Crisis Intervention and Peer Support and Group Crisis Intervention**, Monroe, Washington, October 1-3, 2010
- **International Association of Bloodstain Pattern Analysts Conference**, Tigard, Oregon, October 6-9, 2009
- **Entomology/Anthropology (with insect collection, body recovery, and excavation)**, Beth Marshall and Kathy Taylor, Ravensdale and Everett, Washington, August 5-7, 2009
- **Likelihood Ratio Statistics/DNA Population Statistics**, George Carmody, Seattle, Washington, July 29-31, 2009
- **Future Trends in Forensic DNA Technology Seminar Series**, Applied Biosystems, Seattle, Washington, July 21, 2009
- **Crime Scene Processing for Latent Print Evidence**, Don Brannan, Renton, Washington, May 27-28, 2009
- **Basic Bloodstain Pattern Analysis class**, Tom Bevel and Michael Maloney, Burien, Washington, February 2-6, 2009

- **Future Trends in Forensic DNA Technology Seminar Series**, Applied Biosystems, Seattle, Washington, August 12, 2008
- **Technical Report Writing, Peabody Communications**, Tacoma, Washington, January 30-31, 2008
- **Northwest Association of Forensic Scientists Annual Meeting**, including workshops: *New Technologies and Applications in Forensic Biology*; *Interesting Question Document Cases*; *Marks of Madness – Patterned Injury Interpretation on Human Skin*; *Gizmos and Gadgets*; *Identification and Documentation of Bloodstain Patterns*; *Handling the Virginia Tech Tragedy: The Crime Laboratory Perspective*; *Identification and Collection of Human Remains*; *BTK Serial Killer Investigation – Case Study*, Salt Lake City, Utah, November 5-9, 2007
- **Paternity Statistics Workshop**, Dr. George Carmody, Clackamas, Oregon, October 8, 2007
- **Future Trends in Forensic DNA Technology Seminar Series**, Applied Biosystems, Seattle, Washington, September 13, 2007
- **Population Statistics and Forensic DNA Analysis Workshop**, Dr. George Carmody, Seattle, Washington, October 4-6, 2006
- **Short Tandem Repeat (STR II) Typing and Analysis II**, California Criminalistics Institute, Richmond, California, August 21-25, 2006
- **Future Trends in Forensic DNA Technology Hands-on Workshop**, Applied Biosystems, Seattle, Washington, June 7, 2006
- **Future Trends in Forensic DNA Technology Seminar Series**, Applied Biosystems, Seattle, Washington, June 6, 2006
- **Body Fluid Identification Training**, Pacific Coast Forensic Science Institute, Seattle, Washington, March 20-23, 2006
- **Conceptual Tools for Casework Decisions**, Pacific Coast Forensic Science Institute, Seattle, Washington, March 24, 2006
- **Clothing Examination in the Crime Laboratory**, Pacific Coast Forensic Science Institute, Seattle, Washington, March 27-31, 2006
- **American Academy of Forensic Sciences (AAFS) 58<sup>th</sup> Annual Meeting**, including workshops #6) *Advanced Topics in STR DNA Analysis*; #24) *How Frye and Daubert Have Changed the Presentation of Criminalistics and Questioned Documents in Court* (volunteer); Breakfast Seminar #5) *Racial Profiling SNPs*; Luncheon Seminar #1) *From the Green River: Forensic Evidence and the Prosecution of Gary Ridgway*, Seattle, Washington, February 20-25, 2006
- **Standardized Field Sobriety Testing Training**, Seattle Police Department, Seattle, Washington – November 16-18, 2005
- **Court Testimony Training** presented by Ron Smith, Colorado, 3 days, May 2005
- **Forensic Toxicology Review. Society of Forensic Toxicologists (SOFT) Continuing Education Committee Seminar**, Spokane, Washington – May 2-3, 2005
- **American Academy of Forensic Sciences 57<sup>th</sup> Annual Meeting**, New Orleans, Louisiana – February 21-25, 2005  
Workshops #4) *Anatomical, Pathological, and Physiological Foundations of Toxicity* and #22) *Evidence Based Forensic Science: Interpreting Postmortem Toxicology in the Light of Pathologic Findings*.
- **SSRI Drugs, Poisons and Venoms of the Southwest and Quarterly Meeting for California Association of Toxicologists**, Phoenix, Arizona – September 24-25, 2004

- **W.A.P.A. Drinking Laboratory**, Leavenworth, Washington – June 2004
- **Marijuana Training, Detection of the Impaired Driver or Roles of the Tox Lab** by H. Chip Walls – May 2004
- **The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation**, Bloomington, Indiana – May 9-14, 2004
- **Drinking Laboratory** with Seattle Police Department – May 2004
- **Exotic Toxins Workshop and California Association of Toxicologists Meeting**, Oakland, California – March 12-13, 2004
- **Forensic Science class lecture** at University of Washington, George Johnston presented Trace evidence – March 2004
- **Autopsy Observation**, Traffic Accident, King County Medical Examiner's Office – March 2004
- **Antidepressants Seminar** presented by Dr. Barry Logan – February 2004
- **Highway Patrol Ride Along** with Washington State Patrol, King County – January 2004
- **Investigating Drug Endangered Children**, Toxicology Section, Kent, Washington – January 2004
- **Mass Spectrometry Seminar**, Agilent – January 2004
- **DUI Patrol Ride Along** with DRE of Kirkland Police Department - December 2003
- **Overview of Toxicology Case Approach**, in-house, Seattle, Washington – November 2003
- **Comprehensive Capillary GC Seminar**, Restek, Tukwila, Washington – November 2003
- **Toxicology Issues for Attorneys**, Seattle, Washington – October 2003
- **Autopsy Observation** - Drug Overdose, King County Medical Examiner's Office – July 2003
- **Future Trends in DNA Technology**, ABI, Seattle, Washington, 1 day, 2003
- **Future Trends in DNA Technology**, ABI, Seattle, Washington, 1 day, 2002
- **Population Statistics and Forensic DNA Analysis Workshop** presented by George Carmody, Seattle, Washington, 3 days, 2002