

## Zack Riviere

Forensic Scientist II – Breath Test Technician

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206-586-1421

Washington State Patrol  
Impaired Driving Section  
222 Tumwater Blvd SW, Building 16, Tumwater, WA, 98501

### EDUCATION

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**University of Washington**, Tacoma, WA June 2022

Bachelor's of Science, Biomedical Sciences

- GPA 3.79 – Dean's List

**Green River College**, Auburn, WA June 2017

Associate's of Science, Computer Science Focus

- GPA 3.60 – Dean's List

### WSP EXPERIENCE

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**Washington State Patrol**, Tumwater, WA 07/2023 to Present

*Breath Test Program in Impaired Driving Section of Forensic Laboratory Services Bureau.*

Forensic Scientist II ~ Breath Test Technician

- Install, calibrate, and maintain breath alcohol content (BAC) evidential testing and training instruments (Draeger Alcotest 9510) and preliminary breath test (PBT) devices (AlcoSensor III and FST) which are located in multiple counties throughout the state.
- Testify at the Department of Licensing (DOL) administrative hearings and judicial court proceedings regarding the effects of alcohol on the body, instrument operation, and calibration.
- Ensure the Breath Test Program (BTP) records are prepared, maintained, and entered into databases.
- Provide requested information to various stakeholders: law enforcement, legal, media, and the general public regarding the BAC instruments, testing, and training.
- Train and certify BAC Basic operators, instructors, and technicians.
- Assist with program accreditation through practice, review, process, and reporting.

**Washington State Patrol**, Olympia, WA 01/2023 to 07/2023

*Fingerprint Unit in Criminal Records Division.*

Fingerprint Technician

- Perform quality control of submitted fingerprint and palm prints.
- Perform data entry for subsequent background check searches.
- Utilize the Automated Biometric Identification System (ABIS) fingerprint identification of electronically and manually submitted fingerprint transactions.
- Utilize ABIS database or fingerprint master files to manually compare fingerprint impressions.
- Work with internal (WSP) departments and external law enforcement agencies to provide requested fingerprint cards and documents for identification purposes.

## PROFESSIONAL TRAINING & CERTIFICATIONS

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- **Breath Test Technician Certification** 160+ hrs 05/2023
  - Breath Test Technician and Instructor
  - Draeger Operator and Instructor
  - PBT Technician and Instructor
  - External Standard Changer and Instructor
- **Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation** 40 hrs 05/2024
  - Alcohol chemistry, biochemistry, physiology, pharmacology, pharmacokinetics, and pharmacodynamics
  - Neurocognitive, behavioral, and performance effects of alcohol on driving
  - Legal framework for DUI law and expert testimony
  - On-road driving studies and countermeasures for reducing alcohol impaired driving fatalities
  - NHTSA and accrediting bodies roles' in impaired driving and alcohol testing
- **I Can See What You've Taken: Your Eyes Don't Lie Webinar** 1.5 hrs 05/2024
  - Effects of intoxicants on human eye responses
  - Effects of medical conditions on human eye responses
- **Expert Forensic Communication: Best Practices and Common Pitfalls Webinar** 1 hr 06/2024
  - Assessing communication needs and dedicating resources for an organization
  - Proper conduct of media relations
  - Interacting with families, partner organizations, and other stakeholders
  - Suggestions on how to leverage opportunities to engage the public in the public health and safety activities of forensic science organizations
- **Making a Forensic Scientist: A Recipe for Success Webinar** 2 hrs 06/2024
  - Discussion of the challenges facing forensic science
  - Advice for entry-level practitioners on skills needed to succeed as a forensic scientist
- **Qualifications of an Expert Witness for Legal Professionals** 8.5 hrs 07/2024
  - Discussion of qualifications of expert witnesses in forensic disciplines under both the Frye standard and Daubert standard
  - Discussion of the historical basis for the Frye standard and the Daubert standard
  - Discussions of issues surrounding qualifying expert witnesses
  - Analysis of how the Frye standard and the Daubert standard affects the admission of expert testimony
- **Foundational Statistics For Forensic Toxicology** 6 hrs 07/2024
  - Distributions & Standard Deviation
  - Statistical Tests & Hypothesis Testing
  - Use of Controls and Other Control Chart Elements
  - Calculation of Type A Data from Control Data for Measurement Uncertainty

## PROFESSIONAL ORGANIZATIONS

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- **International Association of Chemical Testing, Full Member** 05/2024 to Present

## SKILLS, ACTIVITIES, AND SERVICE

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- ABIS Experience
- General Laboratory & Bacteriology Experience
- General Pharmacy Workflow Experience