



Idaho State Police Forensic Services



Lorianne K. Welch
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Education:

2019 SUNY Albany
Master of Science- Forensic Molecular Biology

2010 Rochester Institute of Technology
Bachelor of Science- Biotechnology

Experience:

11/2014-
present Idaho State Police Forensic Services
Forensic Scientist II- DNA Database

05/2012-
07/2012 Los Angeles Sheriff's Department
Forensic Biology Intern

Certification:

09/2017 American Board of Criminalistics - Molecular Biology Fellow

Continuing Education; Association Meetings; Conferences:

2022 Green Mountain DNA Conference

2021 MAAFS DNA Conference
Casework Reference Training

2020 BODE West DNA Conference

2019 Promega- DNA Professional Conference (International Symposium
on Human Identification)
NWAFS- General session and DNA Workshop

<https://isp.idaho.gov/forensics>

EQUAL OPPORTUNITY EMPLOYER

Revised 12/14/2022

(Lorianne K Welch)

- 2018 NWAFS- General session and DNA Workshop
Forensic Y-STR Training
Basic Bloodstain Pattern Recognition
GeneMarker HID Expert System Software Training
American Academy of Forensic Sciences- Scientific Meeting
- 2017 BODE West DNA Conference
NWAFS DNA Workshop
Fundamentals of Drug Crime Scene Investigations (Midwest Counterdrug Training Center)
- 2016 CAC Fall Seminar DNA Workshop (California Association of Criminalists)
DNA Database Fingerprint comparison training (ISPFS)
DNA Analysis of Convicted Offender Samples (ISPFS)
- 2015 CAC Fall Seminar DNA Workshop (California Association of Criminalists)
Courtroom Presentation of Evidence (Raymond Davis)
- 2014 Ethics in Forensic Science (WVU Extended Learning)

Research, Presentations:

- 2019 Amplifying STRS from DNA bound on RFLP membranes. Lorianne Welch
Mentored by Dr. Donald Orokos, Ph.D. and Dr. Allison Eastman, Ph.D.
SUNY Albany Forensic Molecular Biology Department, Albany, NY