



Colonel Ralph W. Powell
Director

Idaho State Police

Service Since 1939



C.L. "Butch" Otter
Governor

Melissa (Nikka) Bradley

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EDUCATION

- 2010 University of Utah- Salt Lake City, UT
Master of Science (MS) Chemistry
- 2007 Northern Arizona University- Flagstaff, AZ
Bachelor of Science (BS) Chemistry- American Chemical Society Certified
- 2005 Yavapai College- Prescott, AZ
Associates of Science (AS)

EXPERIENCE

- 9/2014- Present Idaho State Police Forensic Services
Alcohol Section
Forensic Scientist I
Duties: Blood alcohol analysis and breath instrument calibrations
- 5/2014- 9/2014 Volt Employment Agency
Temporary on-assignment
Analytical Chemist
- 8/2010- 5/2014 ARUP Laboratories
Biochemical Genetics Department
Technologist II, Senior
- 1/2008- 7/2010 University of Utah
Chemistry Department
Graduate Research Associate
- 8/2007- 12/2007 University of Utah
Chemistry Department
General Chemistry Teaching Assistant

700 South Stratford Drive • Meridian, Idaho 83642-6251

EQUAL OPPORTUNITY EMPLOYER

Revised 10/8/15

Melissa (Nikka) Bradley

7/2005- 7/2006

Northern Arizona University
Chemistry Department
Undergraduate Researcher

CERTIFICATIONS

2011 Board-certified American Society for Clinical Pathology in Chemistry C(ASCP)

PROFESSIONAL ORGANIZATIONS; COMMITTEES; WORKING GROUPS;

2011 American Society for Clinical Pathology (ASCP)

2008 American Chemical Society (ACS)

TESTIMONY

I have testified related to blood alcohol analysis in Idaho State Court in the following counties:
Twin Falls.

CONTINUING EDUCATION; ASSOCIATION MEETINGS; CONFERENCES

- 2015 Lifeloc FC20 Factory Training
Dräger Alcotest 9510 Training
Oral Fluid Analysis in Impaired Driving Investigations (Webinar)
Gas Chromatography Headspace (GCHS) Instrument Maintenance and Troubleshooting Class (MLS Technologies)
Courtroom Presentation of Evidence
Defending a Blood Test Result (Webinar)
Idaho State Police Blood Alcohol Analysis Training
Adobe Presenter Class
The Myth of the DUI Defense: Rising BAC (Webinar)
- 2014 The Robert F. Borkestein Course on Alcohol & Highway Safety: Testing, Research & Litigation (University of Indiana Bloomington, IN)
Plenary Session 3: Intersection of Law and Science in Their Pursuits of Justice and Truth (forensicEd online)
Ethics in Forensic Science (West Virginia University Extended Learning)
- 2009 237th Annual American Chemical Society (ACS) Conference
Salt Lake City, UT
Presenter (30 min)

VALIDATIONS COMPLETED

2012 Collected data on a newly acquired Agilent gas chromatography-mass spectrometry (GCMS) for the validation of quantitation of organic acid plasmas at ARUP Laboratories. The following study included data acquired regarding accuracy, precision, linearity, and limits of quantitation. Shared samples were compared with a previously validated instrument to ensure consistency of clinical significance.

Melissa (Nikka) Bradley

TEACHING; PRESENTATIONS

2009 237th Annual American Chemical Society Conference
2007 General Chemistry II Teaching Assistant

RESEARCH; PUBLICATIONS

Bradley, M M; Siperko, L M; Porter, M D “Colorimetric-solid phase extraction method for trace level determination of arsenite in water” *Talanta*, Vol. 86, Oct 2011: 64-70.