

Rebekah L. Altizer, M.S.

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EDUCATION

University of Colorado Colorado Springs, Colorado Springs, CO *December 2011*

M.S. Forensic Science

University of Colorado Colorado Springs, Colorado Springs, CO *December 2009*

B.A. Chemistry

- Minor: Forensic Science

EXPERIENCE

ChemaTox Laboratory, Inc.

July 2018 - Present

Forensic Lab Technician

- Responsible for sample preparation and forensic toxicology testing of biological samples in accordance with laboratory standard operating procedures.
- Properly document status of testing and perform accurate review of data
- Assist in preparation of laboratory standards and reagents.
- Set up, maintain, and use laboratory equipment, such as Enzyme Linked Immunosorbent Assay (ELISA), Gas Chromatography/Mass Spectrometry (GC/MS), and Ultra Performance Liquid Chromatography/Tandem Mass Spectrometry (UPLC/MS/MS).
- Assist in other laboratory duties and special projects as assigned by supervisor.

Red Mountain Lab

March - May 2018

LC/MS Laboratory Technician

- Perform sample prep procedures for LC/MS/MS assays
- Prepare analytical standards, internal standards, and hydrolysis controls according to SOPs
- Perform maintenance on LC/MS/MS equipment

Lab Initiatives

October 2017 - March 2018

Compliance Liaison/Accessioner

- Ensure laboratory is compliant and update policies and procedures as needed
- Accession specimens into LIMS system for laboratory
- File patient requisitions and maintain document control for laboratory

Las Vegas Metropolitan Police Department - Forensic Laboratory

July 2013 - May 2017

Forensic Scientist II

- Receive and analyze suspected controlled substance evidence using instrumentation (GC/MS, GC/FID, GC/LTM, FT-IR, XRF), testify in court when needed
- Perform technical and administrative reviews as assigned
- Method validation on GC/MS instruments
- Assisted in determining uncertainty of measurement for balances

- Prepare and quality check reagents, balances, pipettes, etc. as needed
- Safety Committee liaison and Public Relations Committee liaison for Controlled Substances Unit

University of Colorado Health/Memorial Hospital*November 2012 - July 2013*

Laboratory Assistant I

- Maintain and clean histology processors, change out chemicals and paraffin wax as needed
- Accession specimens into PowerPath system for Pathologists and Histotechnicians
- Decontaminate cryostat weekly; clean laboratory benches and equipment as needed

Colorado Department of Public Health and Environment - Toxicology*June - July 2009*

Summer Intern

- Observed lab technicians prep samples, perform extractions, and analyze results
- Re-analyzed blood samples to measure degree of degradation
- Entered results, created spreadsheets and graphs for quality control logs

CONTINUING EDUCATION**Clandestine Laboratory Re-Certification Course***November 3rd 2016*

Las Vegas, NV

Fentanyl for First Responders*May 25th 2016*

NES Online Course

Narcotics Identification and Field Testing*December 2nd 2015*

Las Vegas, NV

Clandestine Laboratory Re-Certification Course*November 3rd 2015*

Las Vegas, NV

Current Trends in Narcotics: Heroin, Flakka, and THC Concentrates*October 14th 2015*

Sirchie Online Webinar

Courtroom Presentation of Evidence*September 15th-16th 2015*

California Criminalistics Institute, Los Angeles, CA

Trends in Substance Abuse: Opiate Abuse and Marijuana*July 27th 2015*

Golden Nugget Hotel, Las Vegas, NV

Thermo Scientific Niton XRF Analyzer Operator's Training*June 4th 2015*

LVMPD Forensic Laboratory, Steven Gendel

A More Cost-Effective Carrier Gas for Volatile Organic Compound Analysis*May 12th 2015*

ChromAcademy Online Course

Forensic GC/MS Workshop*April 27th-29th 2015*

LVMPD Forensic Laboratory, Dr. Glen Jackson

Uncertainty in Forensic Chemistry and Toxicology Part III RTI Online Course	<i>April 1st 2015</i>
Uncertainty in Forensic Chemistry and Toxicology Part II RTI Online Course	<i>March 26th 2015</i>
Chemistry in the Courtroom: Demystifying Science for the Judge and Jury American Chemical Society Online Course	<i>February 19th 2015</i>
GC Temperature Programming ChromAcademy Online Course	<i>July 31st 2014</i>
Synthetic Drugs LVMPD Forensic Laboratory, David Gouldthorpe	<i>July 18th 2014</i>
Agilent Event - Controlled Substances Analysis Agilent Online Course	<i>April 10th 2014</i>
XRF Training LVMPD Forensic Laboratory, Olympus NDT	<i>February 14th 2014</i>
How to Be a Good Expert Witness RTI Online Course	<i>February 6th 2014</i>
Expert Testimony Training for the Prosecutor and Scientist RTI Online Course	<i>February 6th 2014</i>
ARMOR Training - Synthetic Drugs ARMOR Facility, Las Vegas, NV David Gouldthorpe	<i>October 23rd 2013</i>
Ethics in Forensic Science West Virginia University Online Course	<i>August 1st - September 16th 2013</i>

AFFILIATIONS

Southwestern Association of Forensic Scientists	<i>February 2014 - March 2017</i>
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