
Kristine M. Perry, B.A.

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EDUCATION

University of Colorado Boulder, Boulder, CO

May 2012

B.A. Molecular, Cellular and Developmental Biology

EXPERIENCE

ChemaTox Laboratory, Inc.

June 2017 - Present

Lead Forensic Technician

- Guide and supervise daily tasks of forensic technicians.
- Supervise and direct forensic interns.
- Assist forensic supervisor with scheduling assays and assessing the performance of forensic technicians.
- Support the optimization and development of forensic toxicology methods.
- Conduct preventative maintenance on analytical instruments.
- Assist technicians with screening and confirmatory methods as needed.
- Other duties include: develop training manuals for interns and technicians, train and on-board new personnel

ChemaTox Laboratory, Inc.

May 2015 - June 2017

Forensic Lab Technician

- Responsible for conducting forensic SPE and LLE drug extraction protocols on biological samples and prepared them for analysis on GC/MS and LC/MS/MS.
- Evaluated results and limits of QC specimens.
- Employed laboratory systems including LIMS and JIRA to document testing status and QC information.
- Reviewed results to ensure accurate and consistent data reporting.
- Conducted preventative maintenance on analytical instruments.

ChemaTox Laboratory, Inc.

March 2012 - March 2014

Clinical Supervisor/Analytical Chemist

- Supervised clinical technicians and managed Clinical Toxicology workload to ensure efficient sample turnaround.
- Responsible for trouble-shooting QA/QC and personnel issues.
- Functioned as Analytical Chemist to confirm presence of drugs in casework.
- Assisted clinical technicians with urine screen and confirmation testing utilizing ELISA and SPE extraction methods on GC-MS and urine alcohol testing via GC-FID when needed.

CONTINUING EDUCATION

Leadership, Team-Building and Coaching Skills for Managers and Supervisors *August 15th 2018*

Denver, CO

How to Manage Conflict and Confrontation *June 15th 2018*

Boulder, CO

Medicolegal Death Investigation Training Course *October 2016*

Colorado Coroners Association

PROJECTS

Boulder Diagnostics *March 2014 - May 2015*

Research Developer/Lab Manager

- Collaborated with a team of scientists to develop novel diagnostic tools for Lyme disease.
- Acted as Lab Manager ensuring the laboratory was supplied for experimental and routine protocols.
- Performed serological testing using sandwich ELISA and western blot techniques.
- Performed immunological assays requiring the separation and activation of cells, and measurement of cytokine responses.
- Expanded bacteria and conducted bacterial lipid extraction.
- Reported research findings to senior management.

Postmortem Toxicology Division ChemaTox Laboratory, Inc.

Research and Method Developer

- Instrumental in the proposal, development, and marketing of the Postmortem Toxicology Division.
- Gathered epidemiological data on drug overdose in order to create improved testing panels.
- In charge of optimizing and developing drug testing methods specific to the division.
- Evaluated drug analyte chemical properties in relation to postmortem redistribution to ensure appropriate sample collection and submission protocols.