

Erin I. Alex
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BORN July 10, 1979 O'Fallon IL
Citizenship: U.S.A.

EDUCATION

Four Years in Chemistry, Medical Technology Emphasis
University of Northern Colorado, Greeley, CO

One Semester in Biochemistry
University of Colorado Boulder, Boulder, CO

EXPERIENCE

Chematox Laboratory, Inc.

8/06-present

Forensic Chemist and Toxicologist: Responsible for alcohol analyses in blood and delayed breath samples. Validation and calibration of the Headspace Gas Chromatographs. Other responsibilities include the analysis of blood and other body fluids for the presence of drugs and other toxic substances using Immunoassay, Fluorescence Polarization Immunoassay and Gas Chromatography/Mass Spectrometry. Providing services to governmental and private agencies for analysis of body fluids and tissues for alcohol, drugs and other toxic substances.

University of Northern Colorado

Spring 2002

Diagnostic Microbiology Laboratory Assistant: Autoclave, preparation of agars for general microbiology labs and graduate research.

Diagnostic Microbiology Lab. Differentiation of infectious bacteria such as E. Coli, Staphylococcus, Streptomonas, and Pseudomonas. Field swabs and infectious water bacteria research.

Spring 2001-Fall 2001

Organic Chemistry Lab. Titration, Gas Chromatography, Mass Spectroscopy, Thin Layer Chromatography, Extraction and Distillation

Microbiology Lab. Staining techniques such as Gram Stain, Flagella Stain, Identification of bacteria through agar reactions, Phase and Light microscopes, Bacterial growth research with different mediums.

Spring 2001

Genetics Lab. DNA fingerprinting of bacteria, Genetic research of fruit flies.

Fall 1997-Spring 1998

General Chemistry Lab. Basic Chemistry lab skills, Spectrophotometry, compound preparation, acids, bases, buffers, and metallic chemistry.