

Dana E. Baker, B.S.
dbaker@chematox.com

EDUCATION

- University of Colorado Colorado Springs, Colorado Springs, CO** *May 2015*
B.S. Health Care Science - Medical Laboratory Science Option
- University of Nebraska Medical Center, Omaha, NE** *May 2015*
Clinical Laboratory Science Program

EXPERIENCE

- ChemaTox Laboratory, Inc.** *December 2016 - Present*
Lab Assistant
- Perform ELISA (Enzyme Linked Immunosorbent Assay) screens on forensic samples to screen for drugs.
 - Prepare standards, controls and additional reagents for forensic drug testing.
 - Authorized sample courier for Boulder, Denver and Colorado Front Range region.
 - Accession clinical and forensic samples for testing.
 - Perform urine validity testing.
 - Record inventory for forensic laboratory, blood kit supplies, and ELISA plate inventory.
 - Support clinical and forensic laboratory staff.
- Mercy Regional Medical Center** *January - October 2016*
Medical Tech
- Performed blood type & antibody screens, antibody identification panels, quality control, cord blood & RhIg workups, DATs, recorded temperatures of equipment, and counted product inventory.
 - Performed automated chemical analysis of blood, body fluids, & urine. Prepared and analyzed rapid diagnostic kits.
 - Performed blood smear reviews & manual differentials, body fluid cell count & differentials, crystals identification.
 - Prepared cultures, and positive blood culture workups, Gram staining, and C. diff & flu kit tests.
- ChemaTox Laboratory, Inc.** *June 2011 - August 2013*
Lab Intern
- Worked summers
 - Supported laboratory staff by performing validity testing on urine samples and washing glassware.

Penrose Hospital*June 2010 - May 2014*

Cytogenetics Laboratory Volunteer

- Managed patient folders & purchase orders, performed data entry, warehouse archiving, & special projects.

St. Francis Medical Center*June 2010 - May 2014*

Sleep Disorders Center Volunteer

- Managed patient folders, clinic mailings, & sleep study reports.

Project C.U.R.E. Headquarters*June 2008 - August 2009*

Intern Office Assistant & Warehouse Volunteer

- Worked summers
- Coordinated mass mailings, filing, computer data entry, check and credit card receipts, and prepared materials for First Ladies Luncheon fundraising event.
- Sorted recycled medical supplies to be shipped to third world countries.

CONTINUING EDUCATION**Online Courses by LabCE***November 2016 - July 2017*

- Authentic and Spurious Causes of Thrombocytopenia
- Body Fluid Differential Tutorial
- The Toxicology Laboratory's Role in Pain Management
- Hemoglobinopathies: Hemoglobin S Disorders
- Mosquito-Borne Viral Diseases
- Erythrocyte Inclusions
- Reading Gram Stained Smears from Cultures
- Chemical Screening of Urine by Reagent Strip
- Laboratory Assessment of Thyroid Function
- Adverse Effects of Fresh Frozen Plasma Transfusion: TRALI, TACO and Allergic Reactions
- Tuberculosis Awareness for Health Care Workers

Online Courses by the College of American Pathologists*June - September 2016*

- Microscopic Analysis of Urine - Casts & Crystals
- Antibody Screen and Identification
- Erythrocyte Morphology

American Society for Clinical Laboratory Science Annual Meeting*July 29th-31st 2015*

Atlanta, GA

- 4th Generation HIV Assays and the Recommended CDC Lab Testing Algorithm
- Advancing Patient Advocacy with Common Questions in Chemistry
- HPV Natural History: Basis for Vaccination and Testing
- Quiet Influence: The New Wave of Leadership
- CDC Project Related to Coagulation Algorithms Used on Mobile App Platforms
- Case Studies in Monoclonal Gammopathies
- Molecular Detection of Multiple Drug Resistant Non-fermentative Gram-Negative Bacilli in Cystic Fibrosis Patients
- Career Options for Medical Laboratory Scientists
- Influenza: National Update and WHO Vaccine Strain Selection Process

- Laboratory Safety and Lessons Learned from the Ebola Response
- Transfusion Practices for Patients with Sickle Cell Disease

AFFILIATIONS

American Society for Clinical Laboratory Science

Since 2014

American Society for Clinical Pathology

Since 2011