

Alexandra Taylor, M.A.

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EDUCATION

Middlebury College, Middlebury, VT & Florence, Italy 2008

M.A. Italian

- Specialized in culture and communication. Took Art History courses at the Università di Firenze as part of the Masters program.

University of Colorado Boulder, Boulder, CO 2007

B.A. Chemistry and Italian

- Minor in Ecology and Evolutionary Biology
- Studied abroad at Lancaster University, UK during the Spring 2004 semester.

EXPERIENCE

ChemaTox Laboratory, Inc. *January 2012-Present*

Clinical Chemist

- Perform extractions of urine samples in order for them to be analyzed on a GC/MS.
- Load extracted urine samples onto the GC/MS instruments using ChemStation software.
- Perform qualitative analysis utilizing ELISA techniques on urine and blood samples to determine the presence of drugs.
- Prepare drug standards, and reagents for extraction and ELISA preparations and validate drug standards before use in analysis.
- Prepare paperwork with request sheets and ELISA results for use in analysis.
- Perform analysis of GC/MS results.
- Perform alcohol analysis on urine samples.
- Transfer urine samples to appropriate storage containers for long-term storage.
- Test urine samples with validity strips to determine if the sample has been tampered with.
- Participate in continued education training.

Amgen Inc. *November 2011-January 2012*

Lab Support Technician

- Stocked materials in various labs.
- Performed daily calibrations of pH meters and gravimetric balances.
- Logged materials and samples in and out of electronic tracking programs.
- Provided documentation support for performing method transfers.
- Followed cGMP standards.

Italian Institute *October 2011-October 2012*

Italian Teacher

- Taught Italian in a classroom setting to students of various ages and backgrounds according to the program outlined by the institute.

Transperfect Translations*March 2011-Present*

Freelance Quality Manager

- Proofread documents translated from Italian to English for language, grammar, punctuation, missing text, names, numbers, formatting and adherence to stylesheets and glossaries.

Analytica Group, Inc.*July 2009-July 2011*

Wet Chemist

- Performed daily lab operations and analyses on water, wastewater, and soil samples, requiring time management, problem solving, technical skills, and professional work ethic.
- Analyses performed in the Wet Chemistry department included biochemical oxygen demand, reactive and weak acid dissociable and total cyanide, alkalinity, ammonia, total phosphorous, chemical oxygen demand, total dissolved solids, total suspended solids, pH, turbidity, hexavalent chromium, total mercury, total Kjeldahl nitrogen, anions by ion chromatography, reactive and total sulfide, ignitability, phenols, and conductivity.
- Preparatory methods for GC and GC/MS included n-Hexane extractable material, base-neutral-acid extraction, and diesel range and residual range organics extraction.
- Experience on instrumentation including IC, AA, ICP and TKN auto-digester and distillation/titration unit.
- Maintained and calibrated the instruments used for analyses.
- Ordered supplies.
- Trained new employees in the Wet Chemistry department.
- Revised standard operating procedures for their scientific content and language.
- Worked on updating current methods used in the lab to eliminate various issues.
- Attended seminars including the Hach Application Seminar on Drinking Water and the Metrohm IC seminar.

Bolder Languages*March 2009-December 2011*

Italian Tutor

- Tutored students of all levels in Italian.

Taylor'd Designs*April 2009-August 2009*

Proofreader/Editor

- Edited and proofread technical manuals and test procedures for Mitsubishi Heavy Industries America. Content of manuals included descriptions and troubleshooting for automated people mover system and components for the Atlanta Hartsfield-Jackson International Airport.

Università di Firenze*March 2008-June 2008*

Internship in Department of Pathology and Experimental Oncology

- Observed and helped with lab operations.
- Assisted with translating scientific articles.

LANGUAGES

- Native English speaker.
- Fluent in Italian.
- Basic understanding of French.