

## **Kristin S. McNeill**

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### **OBJECTIVE**

To obtain a position as an analytical chemist.

### **STRENGTHS**

- Experience working with a variety of analytical instrumentation
- Outstanding written and verbal communication skills
- Able to handle a variety of responsibilities simultaneously
- Proven organizational, problem-solving, and leadership skills
- Effective working in a group and independently

### **EDUCATION**

**Master of Science in Environmental Science**, emphasis in Environmental Chemistry and Toxicology. Western Washington University, Bellingham, WA (June 2008).

**Bachelor of Science and Bachelor of Arts** in Forest Ecology, emphasis in Chemistry. The Evergreen State College, Olympia, WA (June 2000).

### **SELECTED WORK EXPERIENCE**

#### **University Instrument Center Graduate Research Assistant**

Western Washington University, Bellingham, WA (2006 – 2008).

- Designed presentations for online Integrated Laboratory Network.
- Provided support for remote instrument access.
- Assisted students in using analytical instrumentation.

#### **Teaching Assistant** Western Washington University, Bellingham, WA.

Environmental Toxicology Lab (Fall 2005, Fall 2006)

Environmental Disturbances (Spring 2006)

Population Biology (Spring 2005)

- Instructed students in environmental topics and laboratory techniques.
- Graded quizzes, lab notebooks, and student reports.
- Maintained an organized, clean, well-equipped, and safe lab.

#### **Cytology Laboratory Technician II**

Pathology Department, Harborview Medical Center, Seattle, WA (2000 – 2004).

- Accessioned and processed surgical specimens for the pathology department.
- Independently determined appropriate procedures to process each specimen.
- Worked with live cells to prepare slides for review by pathologists.
- Taught cytology laboratory techniques to surgical residents and fellows.

**ENVIRONMENTAL CHEMISTRY AND TOXICOLOGY EXPERIENCE**

- Master's thesis: Analytical Method Development and Analysis of Benzotriazoles in Airport Soils; analysis of soil extracts using liquid chromatography/tandem mass spectrometry (LC/MS/MS).
- Undergraduate research: examined the effects of air pollution on the chemical constituents of Western red cedar trees; analysis using gas chromatography/mass spectrometry (GC/MS).
- Teaching assistant for environmental toxicology lab: preparation of chemical solutions, maintenance of class experiments, and analysis of samples using flame atomic absorption spectrometry (Flame AA).

**CAREER RELATED COURSEWORK**

Environmental Toxicology	Research in Environmental Science
Environmental Chemistry	Experimental Design
Environmental Analytical Instrumentation	Statistical Ecology
Fate and Transport	Aquatic Toxicology
Risk Assessment	Sulfur Toxicity
Biogeochemistry	Endocrine Disrupting Chemicals
Organic Chemistry	Forest Ecology
Biochemistry	Plant Physiology

**TECHNICAL SKILLS**

- Proficient in Microsoft Office programs
- Experience using LC/MS/MS, Flame AA, SEM, GC/MS
- Performed statistical analyses using Excel and SPSS
- Familiar with field and laboratory quality assurance procedures