**Sarah Warhawk**

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**SUMMARY**

Environmental Science major with 1 year of internship experience and extensive background in the field of research and development. Earned reputation as a project leader in problem solving and team building. Familiarity of regulations and policies, experience with preparation of laboratory equipment, contributing strong field experience and analytical skills.

**EDUCATION**

**University of Wisconsin-Whitewater**

B.S. Environmental Science *May 20XX,* GPA: 3.6/4.0

**RELEVANT COURSES**

Analytical Environmental Environmental toxicology Numerical Methods in Environmental Science Environmental Law

Soil and Water Principles of Ecology

Environmental Microbiology Laboratory Principles of Industrial Hygiene Hazardous Waste

**LAB SKILLS** Knowledge of GLP regulations Observed cell culture work Ability to perform equipment preparation Bacteria cultivation

Familiar with DNA sequencing, synthesis, buffer preparation, gel electrophoresis, microscopy, DNA extraction

**LAB EXPERIMENTS**

**Cell Biology:** Performed experiments consisting of pH gradients, such as cell function based on pH of different fluids **Immunology**: Conducted tests on antibodies produced from small animals, to observe antigens, using immunoassay **Genetics**: Used *Drosophila melanogaster* to test their ability to mate with insects producing mutations

**RESEARCH EXPERIENCE**

**University of Wisconsin-Whitewater, Whitewater, WI**

**Research Collaborator** *January 20XX – Present*

* Utilize GC to examine the mechanisms and products of microbial dechlorination of organic contaminants, and molecular biology lab work
* Assist in experiments on Hg cycling in coastal marine environments
* Examine MC-ICP-MS data to evaluate Hg isotopic fractionation
* Prepare lab equipment and supplies; practice report writing and assist in data analysis

**Warhawk University, Warhawk, WI**

**Research Assistant** *September 20XX – June 20XX*

* Assisted in experiments to improve disinfection technology for secondary water supply safety in Pearl River
* Manipulated and built a manual model to imitate water flow in the city’s irrigation system
* Collected and analyzed data to find optimal disinfectants to maintain effluent quality and reduce by-products

**INTERNSHIP**

**Intern, Environmental Science, Nature Research Complex**, **Warhawk, WI** *September 20XX – December 20XX*

* Air samples: Set up and use of the Hi- Volume Air Sampler using PUF (polyurethane foam)
* Analysis of PCBs in air samples: quantification by GC/MS/MS using deuterated PCBs as internal standards

**HONORS & ACTIVITIES**

* Delta Zeta, UW-Whitewater, *February 20XX – Present*
* ISCES (International Student Conference on Environment & Sustainability), participated in the section of water ecosystem in Shanghai, China *Summer 20XX*
* Chancellor’s Scholarship *20XX*