

# Ima Jobhuntin

100 Country Club Rd. • York, PA 17403 • 717-815-1000

**CAREER OBJECTIVE** To gain valuable experience in ecology by assisting a principal investigator with research projects related to conservation (Optional. Not needed with cover letter.)

## EDUCATION

York College of Pennsylvania, York, PA

May 2013

**Bachelor of Science, Biology** (GPA: 3.5) *only report GPA if it is above 3.0*

Minor: Chemistry

## RESEARCH EXPERIENCE

### Senior Thesis Research Project

October 2011 – April 2013

"Microhabitat and Movement Patterns of Juvenile American Toads at the New Salem Vernal Pool, York County, PA."

Mentor: Dr. Bridgette Hagerty

- Developed and completed a field project to evaluate fine-scale movement patterns in recent metamorphs (*Anaxyrus americanus*) and determined that juveniles travel much longer distances than previously known once they leave the vernal pool.
- Communicated the results to the Biology Department faculty and students with a poster presentation and a written manuscript.

## TECHNICAL SKILLS

### Molecular:

Gel electrophoresis  
TGGE electrophoresis  
Bacteria staining procedures  
Isolation/purification/quantification of nucleic acids and proteins  
Quantitative PCR and standard PCR  
Western blot  
DNA extraction (soil, animal tissue)  
UV Spectrophotometry  
Enzyme kinetics  
Titration curves  
Dilution calculations

### Field

UV Fluorescent powder tracking  
Quadrat, transect, coverboard sampling  
Wetland delineation  
Plant and vertebrate identification using a dichotomous key  
Mapping with ArcGIS

### Microscopy

Bright Field/Dark Field  
Phase Contrast  
Fluorescence  
Scanning Probe Microscopy

## RELEVANT COURSEWORK

Zoology, Animal Physiology, Marine Ecology of the Chesapeake Bay, Evolutionary Biology, Ecology, Biostatistics, Immunology

## PROFESSIONAL EXPERIENCE (tailor to include experience depending on the type of job you are seeking)

**Lab Assistant**, York College of Pennsylvania

January 2011- May 2013

Courses: Fundamentals of Human Biology, Biology I, and Immunology

- Prepared laboratory equipment prior to class each week while following and enforcing OSHA safety standards
- Engaged students and answered questions to improve the laboratory experience

**Resident Assistant**, York College

August 2011- May 2012

**Summer Camp Counselor**, Saint Barnabas Parish

July-August 2011