

# Amber Daulton

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## QUALIFICATION SUMMARY

- One year total research experience working in two professional labs
- Dedicated, detail oriented and self motivated as demonstrated by a GPA of 3.9
- Over three years of professional experience working independently achieving high personal standards as well as operating cooperatively as part of a team
- Curious about a wide range of disciplines, and able to cross-pollinate ideas from diverse fields

## EDUCATION

**Northern Arizona University**- Flagstaff, AZ

May 2014

- B.S. in Biomedical Science
- Minors: Chemistry, Studio Art
- GPA: 3.9

## RELATED EXPERIENCE

**Tina Ayers Genetics Lab** – Northern Arizona University  
Research Assistant

January 2013 – Present

- Molecular Systematics of the genus *Nemacladus* based on chloroplast and nuclear markers
- Optimizing lab techniques such as PCR, thermocyclers, using sterile technique, pipetting, and computer analysis of sequence data

**North Student Learning Center**- Flagstaff, AZ  
Biology and Chemistry Tutor

September 2012 – Present

- Individually tutor up to 15 students per week as well as facilitate weekly group tutoring sessions
- Provide academic support to help students acquire the problem-solving skills, learning strategies and the confidence necessary for independent learning
- Assess student's current level of understanding of class material and promote achievement of personal goals through planning and performance feedback

**Jason Wilder's Genetics Lab** - Northern Arizona University  
Undergraduate Researcher

October 2011 – May 2012

- Human genomics and evolution research through assessment of the Memphis allele of Band 3 – Memphis project
- Presented research poster at CEFNS Research Symposium

April 2012

## LABORATORY SKILLS

Performing polymerase chain reaction, efficient use of pipettes, operation of thermocycler, gel electrophoresis, familiar with DNA analysis programs such as Lastergene, Sequencher and Megalign, simple and fractional distillation, titration, proper use of sterile technique, preparation of microscope slides using various staining methods

## ADDITIONAL EXPERIENCE

**Flagstaff Medical Center**  
Volunteer

September 2009 - September 2012

- Committed 100 hours of volunteer service in the recovery department assisting nurses, transporting patients, making beds and stocking medical supplies
- Observed a wide variety of surgeries including lumbar fusion, colectomy and joint replacements

**North Country Health Center**- Flagstaff, AZ  
Volunteer

May 2012 – August 2012

- Participated 40 hours of volunteer service in triage taking patient vital signs including blood pressure, temperature, blood oxygen level and respiratory rate

**TCBY**- Flagstaff, AZ

March 2009 - March 2010

Sales Associate

- Opened and closed store independently, operated the cash register and responsibly handled money
- Efficiently trained new employees

**Prince of Peace Preschool** - Phoenix, AZ

May 2008 – August 2008

Teacher's Aid

- Aided teachers, supervised children ages 3-6, provided educational instruction, coordinated activities
- Designed logo for preschool through intermediate skills with Adobe Photoshop and Illustrator

**Little Devils Gymnastics** - Phoenix, AZ

September 2006 – May 2008

Gymnastics Coach

- Provided instruction to children ages 3-16
- Transported and set up equipment

**Gelato Spot** - Phoenix, AZ

March 2006 – August 2007

Sales Associate

- Multi-tasked to ensure efficient operation of store, including serving, cashing out orders, and preparing gelato
- Maintained pleasant store atmosphere by keeping the store clean and organized

### **AWARDS AND CERTIFICATIONS**

Basic Life Support Certified (CPR & AED)– American Heart Association

April 2012

Level 1 Certified Tutor – Northern Arizona University

November 2012

Membership: Botany Club

July 2010 – May 2013

Awarded 4 year AIMS Tuition Waiver

May 2008

Awarded 2 year Rotary Club Scholarship

May 2008

President of National Art Honors Society

August 2006 – May 2008