

# Genevieve Perdue

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(707) 888-0886 cell

02/12/1990

## Education

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September 2011- June 2013

University of California, Davis

**B.S. in Evolution, Ecology and Biodiversity**

3.61 GPA

July 2008-August 2011

Santa Rosa Junior College

**Transfer Preparation in Biological Sciences**

3.8 GPA

## Career Objectives

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I seek to further my understanding of biological systems within the context of the deep past, and explore new avenues through which public understanding of scientific research can be improved.

## Research Experience

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August 2014-December 2014

Baseline Consulting

**Historical Ecology Vegetation Survey**

I assist in the collection of data from 19<sup>th</sup> and 20<sup>th</sup> century Sonoma County, CA land surveys that will be compared to modern-day vegetation distributions in order to assess present and future ecological change.

September 2012-present (seasonal)

University of California, Davis

**Priority and Year Effects in Restoration (P.R.Y.E.R.) Project**

I measured, weighed, cleaned and distributed grass and forb seeds, and monitored and removed invasive plant species in experimental grassland community plots in Hopland, Lower Lake, and Davis, CA.

January 2013-September 2013

University of California, Davis

**Aquatic Vegetation Survey**

I assisted a graduate student in surveying the distribution of aquatic vegetation, stream depth, width, sediment, and sunlight exposure along the Winters, CA section of Putah Creek.

April 2013-June 2013

University of California, Davis

**Cache Creek Water Quality Student Research Project**

With the help of three other senior biology students, I designed and executed a research project that utilized invertebrate communities to examine the water quality of three points along Cache Creek in Woodland, CA. We completed data analysis, a research paper, and a project board that we then presented to a group of professors and peers.

December 2011-April 2012

University of California, Davis

### ***Mimulus* Draught Resistance Study**

I helped a graduate student with her draught resistance research project by weighing and watering 100 *Mimulus* seedlings on a daily basis.

May 2011-September 2011

Santa Rosa Junior College

### **Field Mouse Regional Genetic Distribution Student Research Project**

Along with four other Santa Rosa Junior College Students and a zoology professor, I trapped and collected DNA from *Peromyscus boylii* and *Peromyscus maniculatis* mouse species from the north and south ends of Pepperwood Preserve in Santa Rosa, CA for regional genetic comparisons.

## **Research Techniques**

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·Autoclave ·Aseptic technique · Analytical balance ·NMR ·GC-MS ·Solar pathfinder · Microfiche ·GIS ·Quadrats and transects ·Townships and ranges ·Contour maps ·Bone preservation ·Plant species identification ·Rock and mineral identification ·Data entry ·Statistical analysis ·Microsoft Word ·Microsoft Powerpoint ·Microsoft Excel

## **Work Experience**

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February 2014-present

Sonoma County Conservation Action

### **Field Manager**

As field manager, I train and schedule new canvassers, and walk door-to-door to help elect environmentally responsible candidates into Sonoma County offices. I also am responsible for assisting with the creation of quarterly newsletters that are sent to 6,000 member households throughout the county.

July 2014-October 2014

Sonoma Land Trust

### **On The Lands Intern**

Throughout this seasonal internship, I assisted with *On The Lands* hikes for both members and the general public. I carried equipment for hikers to use such as binoculars and water, and shared knowledge about the lands acquired and protected by Sonoma Land Trust.

May 2012-September 2013

The Bar 717 Ranch

## **Horsemanship Program Co-Director (Summer 2013) and Camp Counselor (Summers 2012 & 2013)**

As a camp counselor, my responsibilities included guiding outdoor learning and interpersonal development of children ages 8-16. As the co-director of the Horsemanship Program, I worked with my co-director to organize horseback riding lessons and overnights while ensuring the safety of every camper and horse.

## **Awards and Honors**

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Phi Sigma Biological Sciences Honor Society Member, U.C. Davis Chapter: 2013-present

Golden Key Honor Society Member, U.C. Davis Chapter: 2012-present

U.C. Davis Strategies for Ecological Education, Diversity and Sustainability (S.E.E.D.S.) Club Co-President (2012-2013)

F & C Lahm Family Memorial Vocational Scholarship for 3.8 transfer GPA: May 2011

Dean's Highest Honors, Santa Rosa Junior College: Fall 2008 & 2010, Spring 2009 & 2010

Dean's High Honors, Santa Rosa Junior College: Fall 2009

## **Conferences and Courses Attended**

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GSA 2014, Geological Society of America Annual Meeting. Vancouver, B.C. 19 - 22 October 2014.

## **Extracurricular Interests**

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September 2013-present: Permacultural Design

November 2013-present: Bluegrass & Old-Time Banjo

March 2011-present: Wilderness Backpacking

January 2010-present: Horseback Instructing

January 2007-September 2010: High Jump (2008 Undefeated Season)

## **References**

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Denny Rosatti, Sonoma County Conservation Action Executive Director. (707) 495-9735

Laura Higley, Camp Trinity Assistant Director. (530) 628-5992

Dave Polkinhorne, Sun Microsystems Director. (650) 804-0220