

Adrienne Davis

(916) 261-6797

adriennepdvs@gmail.com

linkedin.com/in/adrienne-davis-9589b6159

Education

Aug 2015- May 2019 **Dominican University of California**
Bachelor of Science in Biological Sciences
Graduation Date: May 18, 2019
Concentration: General
Minor: Spanish
GPA: 3.9183

Awards/Honors

Aug 2015 Alpha Lambda Delta Honors Society
Aug 2015- May 2019 Dean's List
Aug 2015- May 2019 Trustee Scholarship Recipient
May 2016 Excellence in Spanish
Apr 2017- May 2019 Alpha Epsilon Delta Honors Society
Apr 2017- May 2019 Beta Beta Beta Honors Society

Work/Research

Experience

Aug 2015-May 2016 **Chemistry Tutor**

- Working with students either individually or in a group by set appointment to work on bettering their understanding and test scores.

Jan 2016-Aug 2018 **Ecology Research Assistant**

- Working with strains of *P. ramorum* on five different plant types native to Marin County.
- Performing inoculation, growth experiments, running PCR, and gel electrophoresis.
- Working in Microsoft Office to generate reports, graphs, and tables.

Jan 2016-May 2019 **Ocean Acidification Undergraduate Researcher**

- Working with two intertidal shore crab species and subjecting them to lower pH values for a duration of five months.
- Performing animal care and equipment maintenance.
- Performing statistical data analysis.
- Working in Microsoft Office to generate reports, graphs, and tables.

Aug 2018-May 2019 **Cancer Research Assistant**

- Working with MCF7 and MDA-MB-231 cancer cells to inhibit cell proliferation with drugs provided by the Buck Institute based in Novato, CA.
- Performing cell passaging, MTT assays, migration assays, cell counting, and drug screening.

Aug 2019-Present **UCSF McManus Junior Specialist**

- Overseeing transgenic mouse colonies.
- Performing mouse husbandry and phenotypic analysis.
- Performing DNA/RNA extraction, PCR, & next-generation sequencing.
- Performing dissections and mouse embryo collection.

Conference Posters

- April 2016 Host range studies, growth experiments, and molecular identification of *Phytophthora boehmeriae*: A new invasive plant pathogen found at Dominican University of California. **Adrienne Davis**, Briana Chavez (Dr. Supriya Sharma, Dr. Wolfgang Schweigkofler), Department of Natural Sciences and Mathematics, Dominican University of California, 50 Acacia Avenue, San Rafael, CA 94901
- April 2017 Developing a case study to teach ocean acidification. Mendoza, V., Chavez, B., Cook, M., **Davis, A.**, Francisco, R.J., Gandhi, A. (Dr. Diara Spain) Department of Natural Sciences and Mathematics, Dominican University of California, San Rafael, CA 94901
- April 2017 Investigating the effects of decreased pH on an intertidal shore crab, *Hemigrapsus nudus*. Avni Gandhi, Rick Justin Francisco, Madisen Cook, **Adrienne Davis**, Briana Chavez, and Vanessa Mendoza (Diara Spain), Dept. of Natural Sciences and Mathematics, Dominican University of CA, 50 Acacia Ave, San Rafael, CA 94901
- April 2018 Morphological characterization and genetic analysis of various *Phytophthora* species including: *P. ramorum*, the causal agent of Sudden Oak Death. **Adrienne Davis**, Briana Chavez (Dr. Supriya Sharma, Dr. Wolfgang Schweigkofler), Department of Natural Sciences and Mathematics, Dominican University of California, 50 Acacia Avenue, San Rafael, CA 94901

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References

Diara Spain
Research Professor
Dominican University of California
50 Acacia Avenue
San Rafael, CA 94901
diara.spain@dominican.edu
(415) 847-6866

Aaron Clark
Former Resident Advisor Supervisor
Dominican University of California
50 Acacia Avenue
San Rafael, CA 94901
aaron.clark@dominican.edu
(415) 485-3277

Gaby Bermudez
Former Resident Advisor Supervisor
Dominican University of California
50 Acacia Avenue
San Rafael, CA 94901
gabriela.bermudezramirez@dominican.edu
(415) 302-7738