Ashley Graham

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Education

University of California, Merced **August 2008 – December 2011**

Bachelor of Science in Biological Sciences

Concentration in molecular and cell biology with a minor in professional writing

3.4 GPA achieved in addition to part-time employment, student activities, and undergraduate research.

Experience

Lab Assistant, McManus Lab, UCSF Diabetes Center **October 2012 - present**

- Overseeing the husbandry and genotyping of transgenic mouse colony used for studying the role of microRNAs in the genetic causes of disease.
- Breeding knock out mice lacking multiple members within a microRNA gene family while observing and reporting subsequent phenotypes.
- Assisting Diabetes Center researchers with *in vivo* experiments such as dietary manipulations, glucose and insulin tolerance testing, timed matings, and behavioral observations.
- Maintaining stock of consumable lab supplies and completing supply orders through the BearBuy system.

Lab Assistant, UC Merced School of Natural Sciences **January 2012 – September 2012**

- Assisting setup and maintenance of life science instructional labs.
- Preparation of chemical solutions, bacterial & cell cultures, and media for laboratory experiments.
- Created and organized data sets and charts/graphs and provided operational support for labs.
- Supervision and mentoring of student assistants.

Student Intern, Costello Lab, UCSF Brain Tumor Research Center **May – August 2011**

- Molecular biology internship in epigenetics and cancer biology, under direction of Ravi Nagarajan, Ph.D.
- Research project on DNA hypomethylation in brain tumors (glioblastoma multiforme).
- Performed methylation analysis on primary human tumor samples using bisulfite DNA conversion, PCR, subcloning and sequencing of alternative transcripts of human telomerase reverse transcriptase and tp73 genes.

Publications

Poster: "Age related dynamics of committed T cell progenitors in mice," presented at UCM Research Week 2010.
H. Peiris, J. Cirzia, M. Al Kahlani, A. Graham, M. Garcia-Ojeda.
http://www.jimmunol.org/cgi/content/meeting_abstract/184/1_MeetingAbstracts/36.57