

Postdoctoral Scholar Resume—Chronological Format

When using a resume to apply to a research-based industry position, publications and poster/presentations may be included on a 3rd page. If lengthy, use only those that are relevant to the position. For additional advanced degree resumes please visit icc.ucdavis.edu/mpp.

GUADALUPE DIAZ-ORTIZ, PH.D.

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SUMMARY OF QUALIFICATIONS

Passionate research scientist with over 10 years of experience in both microbiology and immunology. Exceptional expertise in molecular biology techniques, cell culture, immunoassays and genomics. Highly organized, collaborative team-scientist with project management skills to keep projects on time and on budget to completion. Skilled in translating complex scientific concepts into easily understood terms. Work well independently, as well as part of a team. Excellent communication skills. Deadline oriented.

EDUCATION

Ph.D., Microbiology, University of California, Riverside. December 2015
Master of Science, Microbiology, California State University, Long Beach, August 2006
Bachelor of Science, Biological Sciences, University of California, Davis, June 2003

RESEARCH EXPERIENCE

University of California, Davis, January 2016-Present

Postdoctoral Scholar

Utilize immunohistology techniques to determine down regulation of Paneth cells in small intestine of mice infected with wild-type Salmonella (ST).

University of California, Riverside, September 2006 - December 2015

Graduate Researcher

Conceived and optimized novel selection procedures using leu::Mud::lac fusions to isolate 1) mutations in the leucine promoter, and 2) unlinked mutations that give rise to decreased expression of biosynthesis in Escherichia coli. Genetically mapped unlinked mutations. Future work involves analysis in an S-30 in vitro system and cloning of the mutants.

California State University, Long Beach, September 2004 - August 2006

Graduate Researcher

Isolated and characterized the satellite DNA component from Halobacterium sp. by density gradient centrifugation and restriction endonuclease analysis.

Veteran's Administration Medical Center, Long Beach, July 2003 - August 2004

Research Assistant

Collected, maintained and statistically evaluated data for ongoing studies including drug evaluations, immunological studies, iron therapy studies and studies on long-term dialysis patient care.

OTHER RELEVANT EXPERIENCE

Bacteriological Techniques Laboratory, UC Davis, September 2003 - December 2003

Associate Instructor

Lectured upper division undergraduate class of 45 students; demonstrated new techniques. Evaluated laboratory write-ups.

RESEARCH GRANTS

Co-authored proposal to National Institutes of Health (NIH). Funded \$65,000. With William C. Corbin, UC Davis Medical Center.

HONORS

Recipient, Outstanding Graduate Student Teaching Award, UC Riverside, May 2015

PROFESSIONAL AFFILIATIONS / LEADERSHIP

Member, American Association for the Advancement of Science (AAAS)
 Member, American Society for Microbiology (ASM)
 Chair, Postdoctoral Scholars Association, UC Davis (March 2016-Present)
 Chair, Microbiology Graduate Student Association, UC Riverside (2013-2015)

Note: Can add the following extending to third page for a research based position only if highly relevant

SELECTED PUBLICATIONS

Smith, S., and **Diaz-Ortiz, G.** 2015. Use of M13mp phages to study gene regulation, structure and function: cloning and recombinational analysis of genes of the E. coli leucine operon. J. Bact. 26: 147

Diaz-Ortiz, G. 2014. Bacteriological Projects for Biological Sciences 1 Students. (In-house publication)

RELEVANT ABSTRACTS AND PRESENTATIONS

Diaz-Ortiz, G., and S. Smith. Use of leu::lac fusions to isolate leucine operon regulatory mutations in Escherichia coli. Presented at the 2015 Annual Meeting of the American Society for Microbiology.

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