

# Jourjina Alkhouri, PhD Candidate

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## Research Interest:

Microbial Evolution studies are bringing the world closer to solving the worldwide problem of Antibiotic resistance: I am proud to be an active contributor to the advancing knowledge of treating antibiotic resistant microbes.

I hope to share my knowledge and expertise in the field of microbiology and evolution with upcoming generations as a future educator.

## Education History

<u>Date</u>	<u>Degree</u>	<u>Institution</u>	<u>Area of Study</u>
Expected completion: May 2020	Ph.D.	University of California, Merced	Microbial Evolution and Antibiotic Resistance
2019	M.S.	University of California, Merced	Microbial Evolution and Antibiotic Resistance
2016	B.S.	University Of California, Merced	Human Biology

## Teaching/Related Professional Experiences

<u>Date</u>	<u>Rank</u>	<u>Institution/Organization</u>	<u>Major Assignment</u>
Spring, Summer 2017, Spring 2019	Teaching Assistant	UC Merced	Biochemistry Bio101
Fall 2017, Spring and Fall 2018	Teaching Assistant	UC Merced	Microbial Evolution Bio124

Fall 2016-  
present

Researcher UC Merced

Microbial  
Evolution/Genetics  
Experiments

## Professional Awards/Fellowships

<u>Date</u>	<u>Award/Honor</u>
2017	Natural Sciences Outstanding Undergraduate Award
2016	Graduating Magna Cum Laude
2016	Summer Scholars Award and scholarship
2015	CalTeach Scholars scholarship
2014-2016	Chancellor's Honor Roll

## Peer-Reviewed Scholarly Works

Alkhouri, Jourjina (2019). Surveillance Study of ceftolozane/tazobactam on Clinical Isolates. Paper accepted for presentation at American Society of Microbiology, San Francisco, CA. June 2019

Alkhouri, Jourjina (2019). Understanding the Connection Between Phenotype and Genotype in *Enterobacteriaceae*. Paper accepted for presentation at Society of Molecular Biology and Evolution. Manchester, UK. July 2019.

## Professional Development Activities

<u>Date</u>	<u>Activity</u>	<u>Institution/Organization</u>
2016-present	Teaching Matters Workshops Certificate of Achievement, Intern	Center for Engaged Teaching and Learning
2017-present	Presenting and learning about new and effective teaching methods and techniques.	Discipline Based Education Research Journal Club

2016-present	Bioinformatics approach to data processing.	Research Workshops – Illumina and Bioinformatics
2017	Graduate Student involvement in pedagogy: preparation for positions in Academia	Graduate Pedagogy Association

## Service to the Community/University

<u>Date</u>	<u>Activity</u>	<u>Description</u>
2019	President: Graduate Pedagogy Association	Calendar and coordination of pedagogy workshops. Facilitating Campus-Wide Partnerships
2017-present	Transportation and Parking Services Committee, Member	Representing Graduate Student concerns
2015-present	STEAM Center, Volunteer Assistant and Science Fair Judge	Partnership with Merced City School District for K8
2018-present	Grad Excel Peer Mentor	Mentoring New Graduate Students

## Professional Memberships

American Society of Microbiology

Society of Molecular Biology and Evolution