

MADELEINE B. KING

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EDUCATION

Loyola Marymount University
Bachelor of Science in Biology
Minor in Biochemistry

Los Angeles, CA
August 2017 - May 2021

RELEVANT COURSEWORK

Genetics Lab

Biochemistry

General Microbiology

Bioinformatics Lab

Advanced Genetics

Biochemistry Lab

Immunology

Organic Chem I & II

SKILLS

Laboratory: gel electrophoresis, Western Blots, Cell culture, PCR, aseptic technique, pipetting, general biology and chemistry techniques and instrumentation

Computer: PC, wiki formatting, Microsoft Word, Excel, and PowerPoint

Languages: English (native), Spanish (basic)

RESEARCH

Loyola Marymount University, Biology Department
Independent Study

Los Angeles, CA
August 2020 - Present

- Researching about SARS-CoV-2 virus and coronavirus pandemic
- Utilizing bioinformatics tools and databases to conduct research remotely

PROFESSIONAL EXPERIENCE

Loyola Marymount University, Chemistry Department
Organic Chemistry Teaching Assistant

Los Angeles, CA
August 2019 - Present

- Grading student lab reports and quizzes
- Facilitating lab and ensuring students' safety

University of California San Diego, Department of Anesthesiology
Biological Science Aide

La Jolla, CA
June 2019 - August 2019

- Learned basic molecular biology techniques such as cell culture and Western blot
- Studied caveolin, the CAV1 mutation, and its critical role to aging and cardiovascular disease

HONORS AND AWARDS

Dean's List
Leavey Family Foundation Scholarship
LMU Arrupe Scholarship

EXTRA CURRICULAR

KLMU Radio
Radio DJ

Los Angeles, CA
August 2017 - May 2019

- Researched musical genres, past and current artists and albums
- Monitored on-air quality from master control room/control board