

COLIN WIKHOLM

1 LMU Drive MSB-3321 · Los Angeles, CA 90045 · (805) 312-1739 · cwikholm@lion.lmu.edu

EDUCATION

LOYOLA MARYMOUNT UNIVERSITY

Bachelor of Science in Biology

GPA: 3.98

Science GPA: 3.97

Los Angeles, CA
Graduation May 2017

MEDICAL EXPERIENCE AND SERVICE

Dr. Mark Robinson, MD - Sierra Crest Orthopedics and Neurology Clinic

Shadow

48 hours

Bishop, CA
Summer 2013

Engaged in office and daily work at orthopedic practice in Bishop, CA and observed ankle surgery at Northern INYO Hospital and was able to converse with patients and doctors both in the office and in the hospital. I was able to learn about the surgical procedure, as well as the day-to-day life of an orthopedic surgeon and other specialties.

Dr. Raymond Lopez, MD - HealthStat Clinic

Shadow

40 hours

Oxnard, CA
2015

I engaged in office and daily work and interacted closely with Dr. Lopez, nurse practitioners, and nurses. I was able to directly observed procedures such as toenail removal, a pap smear, STD checks, and a rectal exam. Education about management skills, drug prescription, and medical technology were a daily component of the shadowing.

Hands-Only CPR Instructor

Instructor

100 hours

Ventura County, CA
2014

Assisted in a project designed by my sister to teach Hands-Only CPR to an underserved Latino population at HealthStat Clinic in Oxnard, Ca. In addition, I taught Hands Only CPR at the Santa Paula Healthcare fair, and with the Santa Paula fire department in front of grocery markets in Santa Paula. CPR instruction was performed primarily in Spanish and with Latino farmworkers. This includes individuals from a wide variety of ages, ranging from children to elderly adults.

Vista Cove Nursing Home

Shadow and assistant

60 hours

Santa Paula, CA
2015 - Present

Shadowed physicians and UCLA residents at the nursing home and engaged with the patients. Assisted in various physical checks and was educated on diseases, disorders, and conditions by physicians and residents. UCLA residents and lead physicians shared their experiences in residency and medical school, and taught me about medical technology and their experiences in the healthcare field.

LEADERSHIP AND NON-MEDICAL SERVICE AND WORK

Loyola Marymount University Honors Program

Loyola Marymount University
2013-Present

Vice President

Summer 2016 - Future

Involves assisting the president to plan all Honors events throughout the year, coordination of the Honors eboard, and communicating with Committee Chair, faculty, and ex officio of the Honors Program. Responsibilities involve assisting in management and allocation of funding, organization of educational and social events, and overall management of the LMU Honors Program. Vice President also helps to lead weekly meetings to plan and discuss operations with the Honors eboard.

ASLMU Leadership Council Representative

Spring 2016 - Present

Involves monthly meeting with the ASLMU President as well as other university student representatives, including those from Campus Ministry, The Loyolan, RHA (Residence Hall Association), Ethnic and Intercultural Services, and others. I was responsible for writing monthly reports about recent Honors events as well as plans for the coming month. Discussions during meetings consisted of suggestions, concerns, and information from each organization representative. I also reported relevant meeting discussions during weekly Honors eboard meetings.

Academic Events Chair

Fall 2015 - Spring 2016

Coordinated all student-directed academic events for the LMU Honors Program. The primary annual project is the 60 Second Lecture Series, an intellectual series put on by LMU Honors and The Loyolan, featuring presentations by LMU professors. Management for the event involved coordination with the LMU Loyolan, including weekly meetings and updates. Preparation involved coordination with the professors presenting at the event, advertisement, and particulars such as food and drink. During the event, I acted as master of ceremonies along with the representative of The Loyolan.

General Member of Executive Board

Spring 2015

Responsibilities involved weekly meeting with the Honors eboard, as well as helping to setup and prepare for Honors events. Also during this time period, I helped to lead the weekend-long 2015 Honors Summit to introduce new Honors students to LMU during Summer 2015.

National Collegiate Honors Council Conference

Chicago, IL

(NCHC) LMU Honors Representative

November 11-14, 2015

Represented the LMU Honors Program at the annual National Collegiate Honors Council Conference in Chicago during a 4 day period. The conference consisted of university honors programs from across the nation coming together to present research and share ideas. Along with the other representatives, my role was to discover new ideas at the conference and bring them back to LMU for integration to our Honors program.

*Association of Jesuit Colleges and Universities Conference
(AJCU) LMU Honors Representative*

**New Orleans, LA
March 5-8, 2015**

Represented LMU at the AJCU Conference at Loyola University, New Orleans. The purpose of this conference is the gather Jesuit Universities together to share ideas about each other's Jesuit practices and honors programs. As a representative at the conference, I helped share ideas about LMU's Honors Program and also gather ideas related to the Jesuit tradition.

Curis Educatione Iuventutis (CEI)

Founder and President

**Loyola Marymount University
Spring 2016 - Present**

Curis Educatione Iuventutis is a Loyola Marymount University organization dedicated to fostering interest in healthcare professions within the younger generation. Our goal is to actively educate youth in secondary education and to inspire them to pursue their passions in the fields of medicine, nursing, dentistry, physical therapy and others within the scope of primary care, secondary care, tertiary care, and public health. CEI also takes an active role in general service. As president and founder of the organization, I worked with other eboard members, oversaw coordination of, and participated in events. Although CEI is a new organization, it helped lead 2016 Lion Science, participated in 2016 LMU Special Games, and attended the Alex's Lemonade Stand Foundation Inaugural Donor Reception. Several CEI members also assisted in LMU Preview Day, and I served on the LMU Pre-Health Preview Day Panel in order to introduce prospective students about LMU's prehealth track and to share my experiences as a prehealth student at LMU.

Health Professions Council

Member

**Loyola Marymount University
Spring 2016 - Present**

As president of a pre-health organization, my role was to represent CEI at the Health Professions Council monthly meetings. Meetings consist of reports of organization status, as well ideas, question, and concerns related to funding, management, and oversight of each respective organization. Representatives also converse directly with the Health Professions Advisor about any relevant events, ideas, or questions.

Alpha Sigma Nu

Member

**Loyola Marymount University
Spring 2016 - Present**

Alpha Sigma Nu (ASN) is a Jesuit Honors' Society at LMU. Membership is given to honor no more than 4% of LMU's juniors, seniors, and graduate students with only the top 15% of students invited to apply for membership. Alpha Sigma Nu is centered around the Jesuit ideals of scholarship, loyalty and service and is meant to honor students for their accomplishments in each of these areas. As a member of ASN, I will also participate in future events of the organization.

Business Ethics Competition

Competitor

**Loyola Marymount University
Spring 2015**

Co-lead professional presentation on the injustices surrounding the 2018 World Cup in Qatar. The project required in-depth research and collaborative investigating with other project members. The subject concerned proposing that the major sponsors of the World Cup retract their sponsorship due to the unjust conditions of immigrant workers in Qatar and their extremely dangerous working conditions.

Biology 101 Grader

Grader for Dr. Wendy Binder

**Loyola Marymount University
Fall 2015**

Graded exams for biology 101. This involved handling of all tests for an extended period, grading, and returning the exams to the professor.

RESEARCH

Ecological Implications of Heavy Metals in Insects and Lizards in Los Angeles County, CA

**Loyola Marymount University
Summer 2015 - Present**

Ecology, lead researcher under supervision of Dr. Victor Carmona
120 hours

The objective of this study was to investigate how the metals are accumulated and dispersed in the Ballona Wetlands and what effects this might posit on invertebrates and vertebrates at the individual, intraspecies, and interspecies level. Summer field work involved intensive problem solving and cooperative work. Laboratory work involved working together with fragile and expensive technology, including the use of an inductively coupled plasma mass spectrometer. Research was presented at the 2016 LMU Research Symposium, and paper editing will be performed this Summer for submission for publishing in scientific journals.

CPR Knowledge of Latino Farmworkers in Southern California

**Ventura County, CA
Summer 2014 - 2015**

Public Health, assistant researcher
90 hours

Interviewed and collected data from farmworkers and other residents throughout Ventura County, including Camarillo, Oxnard, and Santa Paula. Research involved planning and collecting data. Interviews were performed primarily in Spanish and with Latino Farmworkers while at work in berry and fruit fields.

The Effects of Sleep on Cognitive Function and Examination Performance

**Loyola Marymount University
Spring 2016 - Present**

Physics-Biology Co-Op, co-lead researcher under supervision of Dr. Vincent Coletta
40 hours

The objective of this study was to investigate the relationship between reported sleep and test performance of college students in a general physics class. Research consisted of weekly meetings and collaboration with a student and professor of the LMU Physics Department. Quantity of sleep before exams, as well as class exam, scientific reasoning, and spatial reasoning scores were collected from an entry level physics course for life science majors. I presented the research at the 2016 LMU Research Symposium and will be presenting it in July at the 2016 Physics Education Research Conference in Sacramento, California.

California Horn Snail exhibit a bimodal size distribution and size-associated dispersion patterns

**Loyola Marymount University
Fall 2015 - Present**

Ecology, co-lead researcher under supervision of Dr. Victor Carmona
40 hours

The goal of the study was to investigate the population dynamics of the California Horn Snail in Ballona Wetlands, California, an ecological reserve that is scheduled for restoration within the next few years. The experiments focused on the spatial dispersion, size distribution, and density of *C. californica* collected from the Ballona Wetlands Ecological Preserve. Research involved working with others to plan, organize, and execute research procedures both in the field and in the laboratory. Analysis of data required cooperative use of statistical software. Research was presented at the 2016 LMU Research Symposium, and paper editing is currently underway for submission for publishing in scientific journals.

SHOLARSHIP AND AWARDS

Loyola Marymount University Honors at Entrance	2013 - Present
LMU Dean's List	Fall 2013 – Spring 2014, Spring 2015 - Present
LMU Arrupe Scholarship	2013 - Present
LMU Rev. Alfred Kilp Scholarship	2013 - Present
LMU Supplemental Award	2013 - Present
Alpha Sigma Nu Membership	Spring 2016 - Present