

LILLIAN MA

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EDUCATION

University of California, Los Angeles (UCLA)

Bachelor of Science (B.S.) Biology

Current GPA: 3.944

Los Angeles, CA

December 2023

RELEVANT COURSEWORK

University of California, Los Angeles (UCLA)

Los Angeles, CA

- MIMG 101: Introductory Microbiology
- LIFESCI 107: Genetics
- MCDB 165A: Biology of Cells
- PHYSICI 165: Comparative Animal Physiology
- CHEM 153A: Biochemistry: Introduction to Structure, Enzymes, and Metabolism
- CHEM 153L: Biochemical Methods I
- EEB 100: Introduction to Ecology and Behavior
- EEB 100L: Introduction to Ecology and Behavior Laboratory
- EEB 115: Mammalogy
- EEB 110: Vertebrate Morphology
- EEB 129: Animal Behavior
- EEB 170: Animal Environmental Physiology

RESEARCH

Yeh Lab at UCLA

Los Angeles, CA

Research Assistant

January 2022 - Present

- Conduct independent research and co-author manuscript in progress on feather morphology, specifically melanin distribution differences between urban and montane Oregon dark-eyed juncos (*Junco hyemalis*)
- Attended, presented research at, and participated in weekly lab meetings
- Created TikTok for science communication content related to ecology and research to make learning science more accessible
- Assisted with mist-netting, banding, and data and sample collection from dark-eyed juncos during breeding season
- Nest-hunted, banded, and collected samples from junco chicks during breeding season
- Conducted vegetation surveys using a modified combined rapid assessment protocol (CNPS-RAP) around junco territories

PRESENTATIONS

Ma, L.*, Lim, S.*, Amaya-Mejia, W., Yeh, P. *Effects of Urbanization on Feather Eumelanin of Junco hyemalis in Southern California*. UCLA Ecology and Evolutionary Biology Research Symposium. May 2023. Poster Presentation.

WORK EXPERIENCE

Acadia Veterinary Clinic

Cupertino, CA

Veterinary Assistant

January 2021 – Present (Seasonal)

- Prepared patients and monitored anesthesia for routine surgical and dental procedures
- Assisted veterinarian and technicians with exams and procedures on dogs and cats
- Prepared and administered medications, vaccines, and treatments, as prescribed by veterinarian
- Solely in charge of inventory— kept track of numbers and ordered supplies when necessary
- Ran in-house labs and sent out samples to reference laboratories
- Communicated with clients the results of lab work and treatment recommendations from veterinarian
- Receptionist Duties— scheduled appointments, processed payments, assembled patient reminder cards, sent medical records
- Maintained general cleanliness of clinic, restocked rooms and treatment areas, packed and sterilized equipment

For the Birds

San Jose, CA

Veterinary Assistant

June 2023- September 2023

- Assisted veterinarian and technicians with exams and procedures on avian pets
- Fed, treated, and cleaned up after 30+ hospitalized, in-clinic, and boarded patients
- Ran in-house lab work (gram stains, direct fecal smear, PCV) and sent samples to reference laboratories
- Maintained general cleanliness of clinic, restocked rooms and treatment areas, kept up with laundry

Wildlife Center of Silicon Valley

San Jose, CA

Animal Care Volunteer

June 2023- September 2023

- Prepared food and fed various wildlife rescue animals (avian, squirrels, possums, etc.)
- Administer oral medication to rescue animals as necessary
- Ensure general health of recovering rescue animals
- Maintained general cleanliness of the center (mopping, laundry, dishes, sanitizing equipment)

Exotic Pet Clinic of Santa Cruz

Scotts Valley, CA

Technician Assistant

June 2022- September 2022

- Assisted veterinarian and technicians with exams and procedures on exotic pets (rabbits, reptiles, avian, rodents)
- Prepared and administered medications, vaccines, or treatments, as prescribed by veterinarian
- Filled medications prescribed by veterinarian and went over directions with pet owners
- Maintained general cleanliness of clinic, restocked rooms and treatment areas, packed and sterilized equipment

Pacific Animal Clinic

Los Angeles, CA

Veterinary Assistant

September 2021 – January 2022

- Assisted veterinarian with exams and procedures on dogs and cats
- Prepared and administered medications, vaccines, or treatments, as prescribed by veterinarian
- Maintained general cleanliness of clinic, restocked rooms and treatment areas, packed and sterilized equipment

LEADERSHIP EXPERIENCE

Woof On Campus at UCLA / 501(c)(3) Non-Profit Dog Foster Program

Los Angeles, CA

Co-Director of Wellness

April 2022 - Present

- Coordinated with rescues to set up college students with their foster dog
- Checked in on foster dogs weekly and answered any health-related questions foster parents may have regarding their dog
- Administered medications, vaccines, and nail trims for foster parents
- Assisted rescues at local adoption events and transported dogs to and from events

Pre-Veterinary Society at UCLA

Los Angeles, CA

Co-Vice President

June 2023 – Present

Co-Event Chair

June 2022 – May 2023

- Outreached to admissions officers, volunteer organizations, and local veterinarians to speak at meetings
- Kept members notified of job and internship opportunities
- Organized “Animal Amigos” program that connects new pre-vet students with experienced student mentors
- Planned social events, fundraisers, and bi-weekly general meetings

SKILLS

- *Language:* Fluent in Mandarin
- *Computer:* Working proficiency in R, Introductory level C++