

CURRICULUM VITAE

Marlena Lopez

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SKILLS

Proficient in the Spanish language.

The ability to conduct scientific research in a laboratory and field setting.

Advanced written and oral communication skills, demonstrated by communicating with clients, colleagues, and other professionals.

Veterinary Nurse and veterinary student placement experience.

Science interpretation skills reflected in my ability to convey complex ideals to an audience.

EDUCATION

University of Melbourne, Melbourne, VIC, Doctor of Veterinary Medicine, Class of 2020.

California State Polytechnic University Pomona, Pomona, CA, USA, Bachelor of Science in Biology, Class of 2014.

Universidad Complutense de Madrid, Madrid, Spain, Spanish language and literature, August 2010–June 2011.

San Francisco State University, San Francisco, CA, USA, Zoology, August 2008–May 2012.

VETERINARY WORK EXPERIENCE

Veterinary Nursing Assistant, Advance Vetcare, Kensington, VIC, Australia. April 2020 to present. Recording animal health status, keeping cages clean and sanitized, animal handling during medical procedures, walking and feeding animals, setting up fluid therapy and administering medications.

Veterinary Nurse, Bird and Exotic Animal Clinic, Williamstown, VIC, Australia. February 2019 to present. Administration of treatments and medications surgery preparation and anaesthetic monitoring, sterilising surgical equipment, completing diagnostic tests, preparing and sending laboratory samples, taking radiographs, client education, reception and record keeping.

Australian Veterinary Association Student Webinar Host, January 2019 - December 2019. Hosting veterinary webinars using Zoom technology, introducing speakers, and assisting viewers.

Veterinary Nurse Volunteer, Pets in the Park Organisation, Melbourne, VIC, Australia. January 2017 to present. Record keeping, assist veterinarians during examinations, consults, and treatments, TPR, and administering medications.

VETERINARY WORK PLACEMENTS AND VOLUNTEER EXPERIENCE

Veterinary Clinical Placement, January - February 2020 & January 2019. Sunset Vet Animal Hospital, Bali, Indonesia. Acted as part of the team in completing consults, administering treatments, and performing surgical procedures including de-sexing surgeries.

Veterinary Clinical Placement, December 2019 - January 2020. Illawarra Animal Hospital, NSW, Australia. Assisted the team in conducting consults and performing procedures including radiographs, catheter placement, drug calculation and administration, anaesthetic monitoring, and foreign body removals. I also had the opportunity to participate in orthopaedic surgeries and perform supervised and solo de-sexing surgeries.

Veterinary Clinical Placement, September 2017. Lake Tyres, Victoria, Australia. Provided de-sexing and neutering, parasite control and general health checks of community pets in an indigenous mission.

Foal Watch Volunteer, Kellogg Arabian Horse Center, Pomona CA, USA September 2012- June 2014. Walk, groom, and help with veterinary visits for the mares and foals at the stables.

Veterinary Job Shadow, Coast to Coast Cardiology Veterinary Service, Los Angeles CA, Mar – Oct 2013. Prepared vaccinations and medications; assisted in taking X-rays; observed physical examination, treatments, and surgery.

Volunteer, El Refugio, Animal Protective Association of Madrid, Spain, Aug 2010-June 2011. Participated in information booths held in the city centre and attended to the deserted animals in the shelter.

RESEARCH

Duke University Intern, Research Experience for Undergraduates. June 2014–August 2014, Organization for Tropical Studies, La Selva Biological Station, Costa Rica.

- Social Organization in Day and Night Roosts of the Proboscis Bat (*Rhynchonycteris naso*).
- Individual signatures of the echolocation calls of the Proboscis Bat (*Rhynchonycteris naso*).
- Using playback experiments to investigate the social significance of echolocation-like calls in the Proboscis Bat (*Rhynchonycteris naso*).

Undergraduate Researcher, Ronald E. McNair Scholar, A.K. Lappin Laboratory.

- Intraspecific geographic variation of body size dimorphism in the Northern Alligator Lizard (*Elgaria coerulea*). December 2012 - February 2015. California State Polytechnic University, Pomona, CA, USA.

PUBLICATIONS

Günther L, **Lopez, M**, Kornschild M, Reid K, Nagy M, and Mayer F. From Resource To Female Defence: The Impact Of Roosting Ecology On A Bat's Mating Strategy. *Royal Society Open Science* 3.11 (2016): 160503. Web. 28 Nov. 2016.

CONFERENCE PRESENTATIONS AND POSTERS

Lopez M, Nagy M. Social Organization in Day and Night Roosts of the Proboscis Bat (*Rhynchonycteris naso*).

- Emerging Researchers National (ERN) Conference, Washington D.C., USA (February 2015).
- Southern California Conference for Undergraduate Research, California State University, Fullerton, CA, USA (November 2014).
- Southwest Organismal Biology, University of California, Irvine, CA, USA (September 2014).
- La Selva Biological Station Summer Research Symposium, Costa Rica (August 2014).

Lopez M, Marino T, Lappin AK. Intraspecific geographic variation of body size dimorphism in the Northern Alligator Lizard (*Elgaria coerulea*).

- Ronald E. McNair 22nd Annual National Research Symposium, University of California Berkeley, CA, USA (June 2014).
- Cal Poly Pomona Ronald E. McNair Research Symposium, CA, USA (June 2014).
- Cal Poly Pomona Student Research Conference, CA, USA (March 2014).

Marino T, **Lopez M**, Lappin AK. A comparative analysis of sexual dimorphism in California Alligator Lizards (*Elgaria*): lineage and population level divergence in form and function. Cal Poly Pomona College of Science Student Research Poster Presentations, CA, USA (June 2014).

WORK EXPERIENCE

Science Interpreter and Exotic Animal Tour Guide, January- March 2014. Biotrek, California State Polytechnic University, Pomona, CA, USA. In this position, I provided educational tours to primary through high school aged students, teaching them about the evolutionary relationships among organisms and the importance of environmental health and conservation.

Sales Associate, American Eagle Outfitters, San Francisco, USA, Sep 2008-June 2010. Implemented training for new employees and acted as lead associate on duty.

TEACHING EXPERIENCE

Introduction to Vertebrate Zoology (ZOO 238), Winter 2013. Laboratory Teaching Assistant, California State Polytechnic University, Pomona, CA, USA.

Learning Assistant and Tutor, March-June 2014. Biology Learning Center, California State Polytechnic University, Pomona, CA, USA.

LEADERSHIP

Student Veterinary Emergency and Critical Care Society (SVECCS) First- and Second-Year Student Representative. The University of Melbourne, Faculty of Veterinary Medicine. March 2015 – December 2016.

- Served as a student liaison, representing the interests of the cohort, as well as organized guest speakers, workshops, and social activities.

Ronald E. McNair Scholars Program President. California State Polytechnic University, Pomona, CA. August 2013-August 2014.

- Managed and work with executive board to plan, organize, and publicize for an array of events and programs to promote cohort bonding, and community involvement.
- Regular meetings with the University President to manage funding and was able to successfully raise fifteen thousand dollars to send low income and first-generation university students to present their research at a national conference.

Student Interest Council Representative. California State Polytechnic University, Pomona, CA. August 2013-August 2014.

- Facilitated communication between university clubs and the associated student body, as well as organized and sponsored council meetings and events.

Cancer Awareness Fundraising Chair. California State Polytechnic University, Pomona, CA. September 2012-June 2013.

- Organized monthly information booths on campus promoting health attention, planning meetings with club members, advisors, and members of the community to plan fundraisers on and off campus to support club activities as well as help people affected by cancer in our community.

Pre-Veterinary Club Vice President. San Francisco State University, CA. September 2009-August 2010.

- Organized volunteer activities at local zoos, animal shelters, and veterinary clinics for club members, as well as campus adoption days and fundraising activities.

TRAINING AND CERTIFICATIONS

Fear Free Veterinary Professional Certification (6/7/20)

CPR: Advanced Life Support by RECOVER Initiative (24/6/20)

CPR: Basic Life Support by RECOVER Initiative (16/6/20)

Animal Behaviour and Welfare by The University of Edinburgh on Coursera (4/7/2019)

Mental Health First Aid Training Certificate (17/04/18)

Large Animal Handling, GoTafe Certificate (10/07/2015)

Collaborative Institutional Training Initiative (CITI) Training

- Certified in Animal Biosafety (21/6/2013)
- Certified in When Working with Non-traditional Species (21/6/2013)
- ACUC/EH&S Animal Safety and Training

MEMBERSHIPS

Australian Veterinary Association

Australian Small Animal Veterinary (ASAV) Association

Unusual Pet and Avian Veterinarians

Veterinary Business Group

HONORS AND AWARDS

Australian Small Animal Veterinary (ASAV) Association Student Scholarship 2020

Australian Small Animal Veterinary (ASAV) Association Student Scholarship 2018

Guild Insurance Veterinary Student Ambassador

Ronald E. McNair Scholars Program

Louis Stokes Alliance for Minority Participation (LSAMP)

Ernest Prete Jr. Environmental Science Student Research Fellowship Kellogg Undergraduate Scholars Program (KUSP)

Beta Beta Beta Biological Sciences Honor Society

California State University, Pomona President's Scholarship

INTERESTS

Baking

Boxing

Pet owner education through social media (Instagram: @veterinary_adventures)