

Lawrence Chang

Education

Los Angeles Downtown Medical Center, Podiatry Residency
July 1st, 2022 – June 30th, 2025

Doctor of Podiatric Medicine as of May 18th, 2022
Western University of Health Sciences, College of Podiatric Medicine – Pomona, CA

Master of Science in Biomedical Science as of September 9th of 2019
Western University of Health Sciences, Graduate College of Biomedical Science – Pomona, CA

Bachelor of Science in Neuroscience as of March 22nd, 2014
University of California Riverside College of Natural and Agricultural Sciences - Riverside, CA

Licensure

California Podiatric Permanent License, E6162 expiration 10/31/2026
BLS/ACLS certified, as of 8/21/2024

Research Experience

College of Podiatric Medicine, *Western University of Health Sciences, CA*
June 2019 – April 2020

“Social Media as a Prospect in Extending the Influence and Reach of Podiatric Medicine”
Studying the potential of social media as a way to increase the awareness and outreach of podiatric medicine

Graduate College of Biomedical Science, *Western University of Health Sciences, CA*
August 2016 – July 2018

Masters’ thesis research conducted with Dr. Yiling Hong
Studied the potential of organoids for patient-specific disease modeling. For my thesis, created a protocol to generate and characterize organoids derived from iPSCs of patients with ALS-PDC

Invited Presentations and Poster Presentations

12th Annual Student Research and Technology Symposium Presentation – August 1, 2019
“Social Media and Podiatry”

Annual GCBS Student Poster Symposium – May 11, 2018
“The Etiology of Western Pacific Amyotrophic Lateral Sclerosis and Parkinson’s Dementia Complex Using iPSC Derived Organoids”

Research Trainee Presentation at CVM Student Research Day – March 19, 2018
“The Etiology of Western Pacific Parkinsonism Dementia Complex Using iPSC Derived Organoids”

Publications

Microglia-containing cerebral organoids derived from induced pluripotent stem cells for the study of neurological diseases

Yiling Hong, Xu Dong, **Lawrence Chang**, Mariann Chang, Chen Xie, Qingshun Q. Li
iScience – March 17, 2023

Modeling Western Pacific Amyotrophic Lateral Sclerosis and Parkinsonism-dementia Complex with Microglia Containing Cerebral Organoids Derived from Induced Pluripotent Stem Cells

Yiling Hong, Xu Dong, **Lawrence Chang**, Mariann Chang, Chen Xie, Qingshun Q. Li
iScience – August 08, 2021

The Etiology of Western Pacific Parkinsonism Dementia Complex Using iPSC Derived Organoids

Masters of Biomedical Science, Graduate Thesis, Western University of Health Sciences, Pumerantz Library, Archives Digital Collection, 2019

Social Media and Podiatry

Lawrence Chang and Parth Patel. 12th Annual Student Technology & Research Symposium, 2019, Pages 13-20

Bisphenol-A Exposure Induced Neurotoxicity in Glutamatergic Neurons Derived from Human Embryonic Stem Cells

Hongou Wang, **Lawrence Chang**, Jose S. Aguilar, Sijun Dong, and Yiling Hong
Environmental International, Volume 127, June 2019, Pages 324-332

Residency Training

First year

Orthopedic surgery, wound care, limb salvage, biomechanics, emergency medicine, anesthesiology, psychiatry, vascular surgery, general surgery, infectious disease, ICU, dermatology, rheumatology

Second year

- 7 months at Kaiser South Bay Podiatry – limb salvage, elective forefoot cases, sports medicine, forefoot trauma
- 4 months at Rancho Los Amigos Podiatry – limb salvage with elective forefoot cases and MIS forefoot cases
- 2 weeks of Bako Podiatry Dermatopathology Mini-Fellowship Program

Third year

12 months at Kaiser Fontana and Ontario Podiatry – limb salvage, elective forefoot and rearfoot cases, MIS forefoot cases, forefoot and rearfoot trauma

Total surgical procedures = 951

Current Employer

Stockdale Podiatry Group, Inc – effective January 2, 2026