

## **Celia D. Chao, D.O.**

### **CURRENT POSITION (February 2025-PRESENT)**

Associate comprehensive ophthalmologist at Optic Eye Care-Arcadia, Monterey Park, CA

Proficient in adult cataract extraction with intraocular lens implant, pterygium excision with conjunctival autograft, Yag Cap, chalazion excision, eyelid lesion excision, Ellman epilation, intravitreal injections, tap and inject, pan retinal photocoagulation, focal laser, glaucoma management, SLT, LPI, uveitis management, refractions.

### **PREVIOUS POSITIONS**

Associate comprehensive ophthalmologist at Intelligent Eye Care- Arcadia, CA *Jan 2023-Feb 2025*

Associate comprehensive ophthalmologist at Sani Eye Center-Templeton, CA *Aug. 2020 to Dec. 2022*

### **LICENSURE & CERTIFICATION**

- NPI #1447600309 Issued June 21, 2016

- California Medical License #20A16425 Issued April 23, 2018

- National Board of Osteopathic Medical Examiners (NBOME) ID # 413057

Level I Completed 6/25/2014

Level II Completed 4/17/2014

Level II-PE Completed 7/15/15

Level III Completed 12/16/16

- American Osteopathic Board of Ophthalmology and Otolaryngology board certified:

Passed written board December 2020

Passed oral boards November 2021

### **EDUCATION & TRAINING**

7/2017 - June 2020 **Residency, Ophthalmology**

Arrowhead Regional Medical Center, Colton, CA

6/2016 - 6/2017 **Traditional Rotating Internship**

Harnett Health Systems, Harnett County, NC

2012 - 2016 **Doctorate of Osteopathy**

Touro University California, College of Osteopathic Medicine, Vallejo, CA

2008 - 2010 **Bachelor of Science in Environmental Sciences**

University of California, Berkeley

2006-2008 **Matriculation to University of Maryland Honors Program**

University of Maryland, College Park

### **PROFESSIONAL MEMBERSHIP**

- American Osteopathic Colleges of Ophthalmology and Otolaryngology, Head & Neck Surgery
- American Academy of Ophthalmology
- Osteopathic Physicians & Surgeons of California

## **PAST WORK EXPERIENCE**

### ***Ophthalmic Technician at Rockville Eye Physicians 3/2011-6/2012***

- Worked up patients, performed pre- and post-surgical refraction, used manual keratometry and Lenstar to take measurements in preparation for cataract surgery, performed OCT, VF, topography testing, managed front desk reception duties in busy private practice.

***Lab Technician at the Energy and Bioscience Institute, UC Berkeley 8/2008-4/2009*** • Prepared plant and bacteria growth plates (MS and LB plates), harvested seeds, autoclaved soil, mixed buffers, and wrote protocols for each procedure.

### ***Veterinary Technician at Maple Springs Veterinary Hospital 6/2006-1/2008***

- Assisted veterinarians during medical procedures for animals, maintained cleanliness and sterility, prepared examination rooms, and managed reception desk.

## **RESEARCH EXPERIENCE**

### ***Arrowhead Regional Medical Center Research Day 2019***

- Case report poster presentation on clostridium perfringens endophthalmitis and orbital cellulitis.

### ***Arrowhead Regional Medical Center Research Day 2018***

- Case report poster presentation on orbital mucormycosis.

***Neuroscience Research aside Dr. Tamira Elul at Touro University 10/2014-6/2016*** • Examined how the APC-adenomatous polyposis coli—a target of the Wnt ligand, which has the role of stabilizing beta catenin and regulating microtubule organization, controls pathfinding of optic nerve axons. Used ImageJ64 to count and measure branch tips of optic axon arbors.

- Presented preliminary findings at the 2014 Neuroscience Meeting in Washington, D.C

### ***Schistosomiasis Project in Shirati, Tanzania Summer 2013***

- Surveyed nearly 800 villagers to access human waste sanitation as a cause for the spread of schistosomiasis. Collected data on where villagers used the toilet and mapped these data points using GIS GRASS software. Projected areas where latrines and docks could be built to mitigate prevalence of schistosomiasis.
- Presented findings poster at 2013 OMED Conference in Las Vegas, NV as part of the Global Health Panel.

### ***Undergraduate Researcher, EBI of UC Berkeley 4/2009-5/2010***

- Worked for the Energy and Bioscience Institute (EBI) in Dr. Chris Somerville's lab. Performed molecular biology techniques such as PCR, mini-prep, gel electrophoresis, bacterial and plant transformations and GUS gene-staining.
- Completed thesis report of findings for Environmental Science Bachelor's of Science degree.

***Undergraduate Researcher, University of Maryland, College Park 1/2008-5/2008*** • Worked for the Psychology Department's division on Neurobiology and Behavior in Dr. Jens Herberholz's crayfish lab. Contributed experimental set up and data collection.

## **HONORS & ACTIVITIES**

***Columbia University Basic Science Course in Ophthalmology, New York, NY 1/2019***

***Jules Stein Eye Institute Review Course, Los Angeles, CA 3/2018***

***Touro University-California COM Gold Humanism Honor Society 2/2015- 6/2016*** • Nominated by peers and selected by school faculty to uphold the following ideals in medicine: compassion, professionalism, commitment to the highest standard of patient care, ethics, and volunteering in the community.

- Lead the promotion of humanism in medical education and the medical field through physician training and community outreach.

***Global Physicians Corps 10/2012-6/2016***

- Fundraised and gathered medical supplies (MedShare) for Shirati Hospital in rural Tanzania in local Bay Area California events prior to the international trip.
- International trip to set up clinics at remote villages on weekends along Lake Victoria in Shirati to screen and treat villagers for schistosomiasis and other parasites.
- Rounded with physicians and assisted in procedures during the weekdays at Shirati Hospital. • Set up education sessions for villagers to help prevent the spread of HIV , malaria, and schistosomiasis.

***Volunteer East Bay Center for the Blind Fall 2013-Spring 2014***

- V olunteered at various events and fundraisers for the center, helped with event operations such as set up, registration, and clean up. Organized groups of medical students to attend events as volunteers.
- Offered services such as mail readings, paperwork readings, assistance of form • s and documents.

***Sigma Sigma Phi, Tau Chapter Osteopathic Honors Fraternity 8/2013-6/2016*** • Attended and organized volunteer opportunities for fellow medical students for the surrounding community.

- Promoted osteopathic medicine in the community.

***Suitcase Clinic, Osteopathic Services, Director 4/2013- 2014***

- Suitcase Clinic provides dental, acupuncture, medical, osteopathic, laundry, food, and hygiene services to the homeless population of Berkeley twice a month.
- Organized Osteopathic services and recruited students and staff from Touro University to attend.
- Provided osteopathic manipulative medicine to clients of the Suitcase Clinic.

***Ophthalmology Club, President 1/2013-4/2014***

- Introduced field of ophthalmology and available residency programs to classmates. • Presented case studies, workshops on methods of refraction, discussions of surgical techniques, and instrumentations used in the field.
- Invited several osteopathic ophthalmologists to give presentations.
- Held tutoring sessions for classmates prior to examinations on relevant subjects.

## **LANGUAGES**

- colloquial and ophthalmology related medical Chinese (Mandarin)
- ophthalmology related medical Spanish