

Dr. Agarwal's Curriculum Vitae

Curriculum Vital

GENERAL

INFORMATION

MAIDEN NAME: Madhu R. Chopra

BIRTHPLACE: Los Angeles, California

Board Certification: American Academy of Ophthalmology

Languages: Fluent in Spanish and Hindi

PRIVATE PRACTICE

- ◆ California Orbital Consultants, Redlands

PREVIOUS EMPLOYMENT

- ◆ Associate Professor of Ophthalmology, Loma Linda University Department of Ophthalmology

- ◆ Clinical Instructor in Ophthalmology, Doheny Eye Institute, University of Southern California

EDUCATION

Fellowship

◆ Neuro-ophthalmology and Orbital Surgery (Ophthalmic Plastics/Adult Strabismus) Doheny Eye Institute, University of Southern California

Faculty: Alfredo A. Sadun, M.D., Ph.D. and Peter A. Quiros, M.D.

(7/2003-7/2004)

Residency

◆ Ophthalmology, Doheny Eye Institute, University of Southern California (7/2000-6/2003)

Internship

◆ Internal Medicine, University of California, Los Angeles-Olive View Medical Center, (7/1999-6/2000)

Undergraduate Education

◆ University of California, Los Angeles School of Medicine (8/1995-5/1999)

- Doctor of Medicine

Undergraduate Education

◆ University of California, Los Angeles (9/1992-6/1995)

- Bachelor of Science in Biochemistry

- *Phi Beta Kappa, Magna cum laude*

Professional Activities

◆ Scientific Reviewer, Frontiers in Neuro-Ophthalmology (2010- present)

- ◆ Co-Chair, NANOS Symposium at the American Academy of Ophthalmology Meeting, San Francisco (2009)
- ◆ Committee Member, Neuro-ophthalmology Planning Group for the American Academy of Ophthalmology Sub-specialty Meeting (2009-present)
- ◆ Scientific Reviewer, *Eye* (2008-9)
- ◆ Vice-Chair, Patient Education Committee for North American Neuro-Ophthalmology Society (2008-10)
- ◆ Panel Member/Editor, Practicing Ophthalmologists Committee /Recertification Curriculum in Neuro-ophthalmology for the American Academy of Ophthalmology (2009-2014)
- ◆ Elected Commissioner, Joint Commission of Allied Health Personnel in Ophthalmology (2007-2012)
- ◆ Committee Member, North American Neuro-ophthalmology Society Committee to the American Academy of Ophthalmology (2006-present)
- ◆ Committee Member, LLU Residency Selection Committee (2005, 2006, 2007)
- ◆ Committee Member, LLU School of Medicine Compliance (2005-date)
- ◆ Co-Director of Quality Assurance, LLU Department of Ophthalmology (2005-date)
- ◆ Committee Member, LLU Department of Ophthalmology Marketing (2006-date)
- ◆ Committee Member, LLU Department of Ophthalmology Compensation (2006-2007)
- ◆ Chair, LLU Department of Ophthalmology Resident Research Day (June 2006)
- ◆ Scientific Reviewer, *Ophthalmology* (2005)

Honors

- ◆ UCLA Medical Alumni Association Award for Distinguished Service
- ◆ UCLA Obstetrics and Gynecology Stipend for the Advancement of Breast Cancer Research
- ◆ American Heart Association Student Research Grant/Award

- ◆ Phi Beta Kappa Honors Society
- ◆ Golden Key National Honors Society
- ◆ Alpha Lambda Delta Honors Society
- ◆ UCLA Faculty Women's Club Scholarship liaison
- ◆ National Merit Scholarship
- ◆ UCLA Dean's Honor List All Quarters

Presentations

- ◆ "Double Trouble: A Look at Breast Cancer Metastases in Your Neighborhood." Doheny Eye Institute. Los Angeles, CA. April 10, 2010.
- ◆ "Hang in There: Myasthenia Gravis." American Academy of Ophthalmology Meeting, San Francisco, October 24, 2009.
- ◆ "Ischemic Optic Neuropathies." Inland Empire Optometric Symposium. Ontario, CA. March 15, 2009.
- ◆ "Taking a History in the Evaluation of Optic Atrophy." Doheny Eye Institute at USC. December 13, 2008.
- ◆ "Eyelid Skin Cancer." California Optometric Association/Optowest. Monterey, CA. November 16, 2008.
- ◆ "Neuro-ophthalmology Basics." California Optometric Association/Optowest. Monterey, CA. November 15, 2008.
- ◆ "Understanding MS and Other Neurological Conditions." California Optometric Association/Optowest. Monterey, CA. November 14, 2008.
- ◆ "Ptosis: Nuances for the Clinician." Joint Commission for Allied Health Professionals in Ophthalmology National Meeting. New Orleans. November 9, 2008.
- ◆ "Giant Cell Arteritis." Joint Commission for Allied Health Professionals in Ophthalmology National Meeting. New Orleans. November 10, 2008.
- ◆ "So You Think It's Just Ptosis." Senior Instructor for the American Academy of Ophthalmology Conference. New Orleans, November 10, 2008.

- ◆ “Thyroid Eye Disease”. Department of Ophthalmology Conference for Optometrists. Loma Linda University. November 4, 2008.
- ◆ Moderator/Speaker. Walsh Meeting at the North American Neuro-ophthalmology Society Meeting. Orlando, FL. March 9, 2008.
- ◆ “Review of Neuro-ophthalmology and Oculoplastics.” Inland Empire Optometry Society. February 22, 2008.
- ◆ “Understanding Diplopia.” Doheny Eye Institute at USC. December 8, 2007.
- ◆ “Ocular Malingering”. Department of Ophthalmology Conference for Optometrists. Loma Linda University. November 4, 2007.
- ◆ “Ophthalmology and Multiple Sclerosis: Breakfast with the Experts.” American Academy of Ophthalmology Conference. New Orleans. November 12, 2007.
- ◆ “Thyroid Eye Disease: Nuances for the Clinician.” Joint Commission for Allied Health Professionals in Ophthalmology National Meeting. New Orleans. November 9, 2007.
- ◆ “So You Think It’s Just Ptosis.” Senior Instructor for the American Academy of Ophthalmology Conference. New Orleans. November 11, 2007
- ◆ “Challenging Syndromes in Neuro-ophthalmology”. C and E Optometry Symposium. Anaheim Marriot. October 29, 2007.
- ◆ “Ophthalmology and Multiple Sclerosis: Breakfast with the Experts.” American Academy of Ophthalmology Conference. Las Vegas, Nevada. November 14, 2006.
- ◆ “Around the World in Neuro-ophthalmology and Oculoplastics.” Department of Ophthalmology Conference for Optometrists. Loma Linda University. November 5, 2006.
- ◆ “Neuro-ophthalmology Basics.” Neuro-ophthalmology Symposium. Anaheim Marriot. October 29, 2006.
- ◆ “Posterior Ischemic Optic Neuropathy.” Department of Anesthesiology Grand Rounds. Loma Linda University. October 11, 2006.
- ◆ “Trigeminal Neuralgia.” Doheny Eye Institute’s Ophthalmic Pain Symposium. September 9, 2006.
- ◆ “Thyroid Eye Disease.” Department of Medicine Grand Rounds. Loma Linda University. August 6, 2006.
- ◆ “Oculoplastics for the Beginning Ophthalmology Resident.” Department of Ophthalmology Grand Rounds. Loma Linda University. July 20, 2006.

- ◆ “Neuro-ophthalmology and Oculoplastics.” Inland Empire Ophthalmic Technician Meeting. July 12, 2006.
- ◆ “Cita Con Su Medico.” Spanish Radio Show about Ophthalmology. June 25, 2006.
- ◆ “Eyelid Reconstruction.” Department of Dermatology Grand Rounds. Loma Linda University. April 26, 2006.
- ◆ “Eyelid Cancer.” Inland Empire Optometry Symposium. Ontario Marriot. March 26, 2006.
- ◆ “Painful Clinical Syndromes in Neuro-ophthalmology and Orbital Surgery”. Alumni Weekend, APC. Loma Linda University. March 5, 2006.
- ◆ “Oculoplastics.” Lecture for Loma Linda University Housestaff. Loma Linda. February 8, 2006
- ◆ “Neuro-ophthalmology Update.” “Neurosurgery Update.” Department of Neurosurgery. Loma Linda University. February 15, 2006.
- ◆ “Oculoplastics for the Plastic Surgeon.” Department of Plastic Surgery Grand Rounds. Loma Linda University. February 8, 2006.
- ◆ “Understanding Blepharospasm.” Dystonia Support Group of the Inland Empire. Loma Linda University. February 2, 2006.
- ◆ “Hook, Line, and Sink: Surprising Outcomes in Neuro-ophthalmology and Orbital Surgery.” Inland Empire Optometric Society. Ontario, CA. January 11, 2006.
- ◆ “Neuro-ophthalmology and Orbital Surgery.” Department of Family Medicine Grand Rounds. Loma Linda University. December 9, 2006.
- ◆ “The Double Whammy.” Department of Ophthalmology Conference for Optometrists. Loma Linda University. November 6, 2005.
- ◆ “Comprehensive Review of Ophthalmology.” Loma Linda University School of Medicine. October 28, 2005.
- ◆ “Neuro-ophthalmology and Orbital Disease.” Department of Neurology Grand Rounds. Loma Linda University School of Medicine. October 26, 2005.
- ◆ “Cranial Nerve Palsies.” Women in Optometry. Riverside, CA. September 21, 2005.
- ◆ “The Wild World of Disc Edema.” Inland Empire Optometric Society. Ontario, CA March 20, 2005.
- ◆ “Clinicopathology of Tumors of the Ccular Adnexa.” Annual Postgraduate Conference. Loma Linda University Medical Center. March 6, 2005.

- ◆ “Painful Clinical Syndromes in Neuro-ophthalmology and Orbital Disease.” Pain Management Symposium. Doheny Eye Institute. February 12, 2005.
 - ◆ “Benign intracranial hypertension: Is it really benign?” Women in Optometry. Inland Empire Optometric Society. January 18, 2005.
 - ◆ “Giant Cell Arteritis.” Conference in Ophthalmology for Optometrists. Loma Linda University. October 31, 2004.
 - ◆ “Amniotic Membrane Transplantation.” Department of Ophthalmology, Resident Research Day. Loma Linda University Medical Center. June 5, 2004.
 - ◆ “Orbital Pseudotumor with Cranial Invasion and Bone Destruction.” North American Neuro-ophthalmology Society/Walsh Presentation. March 28, 2004.
 - ◆ “Facial Pain Syndromes.” Neuro-ophthalmology Symposium. Doheny Eye Institute. February 14, 2004.
 - ◆ “Amniotic Membrane Transplant in the Treatment of Fat Adherence Syndrome.” Doheny Alumni Conference. June 14, 2003.
 - ◆ “Canalicular Stenosis in a Patient Treated with Systemic 5-fluorouracil.” Doheny Alumni Conference. June 7, 2002.
 - ◆ “Severe Sebaceous Cell Carcinoma Necessitating Evisceration in a 97 Year-old Male.” Doheny Eye Institute Resident Conference. January 2002.
- “Neurotrophic Keratitis.” Doheny Alumni and Residents’ Conference. June 16, 2001.**
- ◆ “Choroidal Metastasis as Presenting Sign of Systemic Malignancy in a 35 Year-old Male.” Doheny Eye Institute Grand Rounds. June 1, 2001.
 - ◆ “Hypertensive Retinopathy in a 44 Year-old Male.” Doheny Eye Institute Grand Rounds. May 18, 2001.
 - ◆ “Ocular Rosacea in a 42 Year-old Male.” Doheny Eye Institute Grand Rounds. April 13, 2001.
 - ◆ “Ocular Malingering in a 16 Year-old Female.” Doheny Eye Institute Grand Rounds. March 9, 2001.
 - ◆ “Cat-scratch Neuroretinitis in a 53 Year-old Female.” Doheny Eye Institute Grand Rounds. February 9, 2001.
 - ◆ “Neurofibromatosis II in a 23 Year-old Male.” Residents’ Day Conference. Doheny Eye Institute. January 13, 2001.

- ◆ “Pseudoexfoliation Syndrome.” Residents’ Day Conference. Doheny Eye Institute. January 13, 2001.
- ◆ “Central Retinal Artery Occlusion in a 60 Year-old Male.” Doheny Eye Institute Grand Rounds. November 17, 2000.
- ◆ “Blebitis Post-trabeculectomy in an 81 Year-old Female.” Doheny Eye Institute Grand Rounds. October 13, 2000.
- ◆ “56 Year-old Male with New Onset Diplopia Secondary to Neurocysticercosis.” Doheny Eye Institute Grand Rounds. September 1, 2000
- ◆ “Candida Chorioretinitis in a 35 Year-old Male IV Drug User.” Doheny Eye Institute Grand Rounds. August 18, 2000.
- ◆ “Central Serous Retinopathy in a 30 Year-old Male.” Doheny Eye Institute Grand Rounds. July 28, 2000.
- ◆ “Anterior Uveitis in a 22 Year-old Female with Crohn’s Disease.” Doheny Eye Institute Grand Rounds. July 14, 2000.
- ◆ “Pseudoexfoliation Glaucoma.” Jules Stein Eye Institute Glaucoma Conference. September, 1998.

Publications

- ◆ Hoehn A, **Agarwal MR**, Saini A. Third nerve palsy as a presenting sign of preeclampsia. *Obstetrics and Gynecology*. Pending
- ◆ Tokuhara K, **Agarwal MR**. A Severe case of adult onset asthma associated orbital xanthogranuloma. *Archives of Ophthalmology*. Pending
- ◆ Hsu V, **Agarwal MR**. Ig A associated orbital plasmacytoma. *Journal of the Ophthalmic Plastic and Reconstructive Surgery*. Pending.
- ◆ Hsu V, **Agarwal MR**. Squamous cell carcinoma in the anophthalmic socket. *Journal of Ophthalmic Plastic and Reconstructive Surgery*. Pending publication.
- ◆ Sorenson K, **Agarwal MR**. Septo-Optic Dysplasia as Failure to Thrive. *Journal of Family Medicine*, 2007, p. E2-E4.
- ◆ Bekendam P, Narvaez J, **Agarwal MR**. Corneal Melting associated with the use of topical nepafenac. *Cornea*, 2007, p. 1002-1003.

- ◆ **Agarwal MR**, Yoo JH. Optic nerve sheath fenestration for vision preservation in Idiopathic Intracranial Hypertension. *Journal of Neurosurgery/Neurosurgery Focus*, November 2007, 23(5): E7 (p. 1-4).
- ◆ Kronberg B, **Agarwal MR**. Pituitary apoplexy with catastrophic visual field loss. *Resident and Staff Physician*, January 7, 2008, E1-4.
- ◆ Dovich J, **Agarwal MR**. Deep Venous Malformation extending from lower face to deep orbit causing intermittent pupillary defect. *North American Neuro-Ophthalmology Society*, February 28, 2006.
- ◆ **Agarwal MR**, Wagner P. Disc edema as first sign of recurrence of acute lymphoblastic leukemia. *Journal of Pediatric*, May 2006, 148(5):703.
- ◆ Zoumalan CI, **Agarwal M**, Sadun AA. Optical coherence tomography can measure axonal loss in patients with ethambutol-induced optic neuropathy. *Graefes Arch Clin Exp Ophthalmol*, May 2005, 243(5):410-6.
- ◆ **Agarwal MR**, Esmaeli B, Burnstine MA. Squamous metaplasia of the canaliculi associated with 5-fluorouracil: A clinicopathologic case report. *Ophthalmology*, 2002;109(12): 2359-61.
- ◆ King JA, Affeldt JC, **Agarwal MR**. Etiologic profile of vortex keratopathy. *Investigative Ophthalmology and Visual Science*, 2003; 44(4):277.
- ◆ Jacobson E K, Affeldt JC, **Agarwal MR**. Contact lens related limbal stem cell deficiency. *Investigative Ophthalmology and Visual Science*, 2003; 44(4):301.
- ◆ Hedayi RS, Affeldt JC, **Agarwal MR**. Epithelial basement membrane dystrophy and dry eye. *Investigative Ophthalmology and Visual Science*, 2003; 44(4):460.
- ◆ Hunter K, Affeldt J, **Agarwal MR**. Efficacy of staged punctal occlusion for treatment of neurotrophic keratitis. *Investigative Ophthalmology and Visual Science*, 2003; 44(4):406.
- ◆ Row PK, Affeldt JC, **Agarwal MR**. Central isolated band keratopathy and neurotrophic keratitis. *Investigative Ophthalmology and Visual Science*, 2003; 44(4):410.
- ◆ **Agarwal MR**, Feldon SE, Nguyen V. Clinical features of Graves' ophthalmopathy in a Latino incidence cohort. *Investigative Ophthalmology and Visual Science*, 2002; 43(4):337.

- ◆ Jacobson E K, Affeldt JC, Quiroz B, **Agarwal MR**, et al. Retinal surgery related neurotrophic keratitis. *Investigative Ophthalmology and Visual Science*, 2002; 43(4):57.
- ◆ King JA, Affeldt JC, **Agarwal MR**. Central Corneal Hypoesthesia Secondary to Peripheral Corneal Inflammatory Disease. *Investigative Ophthalmology and Visual Science*, 2002; 43(4):34.
- ◆ Kurteeva K, Affeldt JC, Albini T, **Agarwal MR**. Fibrillary lines: new clinical, ultrastructure, and theoretic observations. *Investigative Ophthalmology and Visual Science*, 2002; 43(4):1663.
- ◆ Affeldt JC, **Agarwal MR**. Lasik-related stage III neurotrophic keratitis. *Investigative Ophthalmology and Visual Science*, 2002; 43(4):2120.
- ◆ **Agarwal MR**, Affeldt JC, Heidar-Hunter K. Dry Eye and the Treatment of Neurotrophic Keratitis. *Investigative Ophthalmology and Visual Science*, 2001; 42(4):S31
- ◆ Prendiville P, **Chopra M**, Gauderman WJ, Feldon SE. The role of restricted motility in determining outcomes for vertical strabismus surgery in Graves' ophthalmopathy. *Ophthalmology*, 2000; 107(3):545-549.
- ◆ Radziszewski W, **Chopra M**, Zembowicz A, Gryglewski R, Ignarro LJ, Chaudhuri G. Nitric oxide donors induce extrusion of cyclic GMP from isolated human blood platelets by a mechanism which may be modulated by prostaglandins. *Intl J Cardiol*, 1995; 51:211-220.
- ◆ Radziszewski W, Zembowicz A, **Chopra M**, Gryglewski R., Ignarro LJ, Chaudhuri G. Nitric oxide donors induce efflux of cyclic GMP from human blood platelets. *The Federation of the American Society of Experimental Biologists (FASEB) Journal*, 1994; 8(4):A337.

Book Chapters

- ◆ **Sadun AA and Agarwal MR: Topical Diagnoses in Neuro-ophthalmology. In Walsh and Hoyt's Clinical Neuro-Ophthalmology. Sixth Edition. Williams & Wilkins, Baltimore. 2005.**

Professional Certifications

- ◆ Board Certified, American Academy of Ophthalmology

- ◆ North American Neuro-ophthalmological Society
- ◆ American Academy of Ophthalmology
- ◆ American Society of Cataract and Refractive Surgery
- ◆ UCLA Association of Chemists and Biochemists

Volunteer Experience

- ◆ Board of Directors, UCLA Medical Alumni Association (1995-1999)

“ UCLA Medical Center Career Conference Planning Committee (1995-1999)

- ◆ Celebration of Sight at Cedars Sinai Medical Center (1998)
- ◆ San Fernando Valley Health Fair- Ophthalmic screening exams (1998)
- ◆ Camp Ronald McDonald for Good Times- Pediatric Oncology (1997-1999)
- ◆ Umma Free Clinic- Downtown Los Angeles (1997-1999)
- ◆ Salvation Army Homeless Clinic (1997-1998)

Personal Interests

- ◆ Ballroom dance, cooking, running