

CARLOS E. MARTINEZ, M.D., M.S.

Diplomate of the American Board of Ophthalmology

- WORK EXPERIENCE** **Eye Physicians of Long Beach, A Medical Group, Inc.** 1999 - Present
Long Beach, California
- Assistant clinical Professor of Ophthalmology** 2001-2007
University of California Irvine Irvine, California
- EDUCATION** **Residency, Ophthalmology** Selected Chief Resident, 1998 - 1999
Louisiana State University, LSU Eye Center July, 1995 - June, 1999
New Orleans, Louisiana Four Year Residency
- Internship, Internal Medicine** July, 1994 - June, 1995
Louisiana State University School of Medicine New Orleans, Louisiana
- Doctor of Medicine** August, 1990 - May, 1994
Louisiana State University School of Medicine New Orleans, Louisiana
- Master of Science, Physical Chemistry** May, 1989 - August, 1990
Tulane University New Orleans, Louisiana
Thesis: Theoretical Analysis of Incoherent Exciton Migration in Inorganic Crystals.
Advisor: Michael F. Herman, Ph.D.
- Bachelor of Science, Chemistry** September, 1985 - May, 1989
Tulane University New Orleans, Louisiana
- FDA RELATED RESEARCH** C-01-401-003: A Study To Evaluate The Clinical And Microbial Efficacy And Safety Of 1.0% Azasite™ Compared To Vehicle In The Treatment Of Bacterial Conjunctivitis.
- Protocol XRP1526B-3027 – A Multicenter, Multinational, Randomized, Double Blind, Parallel Group Study of the effects of Ciclososonide HFA-MDI 640ug/day and Beclomethasone HFA- MDI 640 ug/day on lens Opacification in Adult Subjects with Moderate to Severe Asthma. L753099 in COPD Protocol 013-00
- BOOK CHAPTERS** Martinez, CE, Klyce SD. Keratometry and Corneal Topography. Krachmer, JH, Mannis MJ, Holland EJ, Cornea, Third Edition, Elsevier Ltd. 2010:161-175
- Klyce SD, Dohlman CH., and Martínez CE. Corneal Form and Function. Albert DM, Miller, Azar, Blodi (Eds.), Principles and Practice of Ophthalmology, Third Edition Philadelphia, W.B. Saunders, 2008:Vol (1) 441-474.
- Klyce SD, Martínez CE. Corneal Topography. In Albert DM and Jakobiec F (Eds.), Principles and Practice of Ophthalmology, Second Edition Philadelphia, W.B. Saunders, 2000:Vol (2) 668-694.

**JOURNAL
ARTICLES**

Martínez CE, Klyce SD, Waring III GO, El-Maghraby MA. Topography in LASIK. In Pallikaris IG, Siganos DS (Eds.), LASIK. Thorofare, New Jersey, Slack, Inc., 1998: 339-357.

Effect of larger ablation zone and transition zone on corneal optical aberrations after photorefractive keratectomy. Endl MJ, Martínez CE, Klyce SD, McDonald MB, Coopender SJ, Applegate RA, and Howland HC. Arch Ophthalmol. 2001 Aug;119(8):1159-64.

Irregular Astigmatism after Photorefractive Keratectomy; Endl MJ, Martínez CE, Klyce SD, McDonald MB, Coopender SJ, Applegate RA, Howland HC. J Refract Surg. 1999 Mar-Apr;15(2 Suppl):S249-51.

Management of Ocular Toxoplasmosis During Pregnancy; A Case Report and Literature Review. Zhang D, Martínez CE, Conway MC, Peyman G. Int Ophthalmol. 1998-99;22(2):85-8.

Topographic Correlates to Diurnal Variations in Vision in a 10 Year PERK Cohort. Kemp J, Martínez CE, Lucci L, Klyce SD, McDonald MB, Lynn MJ, and the PERK Study Group. J Cataract Refract Surg. 1999; 25:904-910.

Effect of Pupillary Dilation on Corneal Optical Aberrations after Photorefractive Keratectomy. Martínez CE, Applegate HC, Klyce SD, McDonald MB, Medina JP, Howland RA. Arch Ophthalmol. 1998 Aug;116(8):1053-62.

Ciliary Body Leiomyoma Endoresection. Peyman G, Martínez CE, Hew AY, Peralta E, Kraut R. Canadian Journal of Ophthalmology. 1998; 33(1): 32-34.

Corneal Topography in Cataract Surgery. McQueen B, Martínez CE, Klyce SD. Current Opinion in Ophthalmology. 1997; 8(1): 22-28.

Corneal Topography in Cataract Surgery. Martínez CE, Klyce SD. Current Opinion in Ophthalmology. 1996; 7(1): 31-39.

Scaling Analysis of Exciton Annihilations in Highly Anisotropic Crystals. Deal M, Gharavi A, McPherson GL, Martínez CE, Herman MF. Chemical Physics. 1993; 174: 81-92.

Approximate Scaling Relations for Exciton Migration with Trapping. Herman MF, Martínez CE. Chemical Physics. 1990; 148: 85-93.

Exciton Annihilation in One Dimensional Crystals: Power Dependent Luminescence Decay Curves from $(\text{CH}_3)_4\text{NMnCl}_3$ (TMMC), $(\text{CH}_3)_4\text{NMnBr}_3$ (TMMB) and CsMnBr_3 (CMB). Blakley RL, Martínez CE, Herman MF, McPherson GL. Chemical Physics. 1990; 146(3): 373-380.

ABSTRACTS

Optical Aberrations of the Cornea after Laser Refractive Surgery for Small and Large Pupils. Martínez CE. Abstracts of the 1997 Pre-Academy Meeting of the ISRS, San Francisco, CA, October 24-26, 1997.

Optical Aberrations of the Cornea after Laser Refractive Surgery for Small and Large Pupils. Martínez CE. Abstracts of the 1997 Pre-Academy Meeting of the ISRS, San Francisco, CA, October 24-26, 1997.

Bilateral Macular Holes Associated with Wagner's Vitreoretinopathy. Martínez CE, Ganiban GJ, Peyman GA. Invest Ophthalmol Vis Sci. 1997; 38: #3463.

Internal Resection of Benign Iris-Ciliary Body Lesions. Peyman GA, Peralta E, Martínez CE, Kraut R, Hew A, Conway MD, Navarro GC. Invest Ophthalmol Vis Sci. 1997; 38: #5214.

Photorefractive Keratectomy and the Monochromatic Aberrations of the Cornea. Martínez CE, Applegate RA, Howland HC, Klyce SD, McDonald MB, Medina JP. Abstracts of the 1996 Pre-Academy Meeting of the ISRS, Chicago, IL, October 24-26, 1996.

Changes in Corneal Aberration Structure after Photorefractive Keratectomy. Martínez CE, Applegate RA, Howland HC, Klyce SD, McDonald MB, Medina JP. Invest Ophthalmol Vis Sci. 1996; 37:#4277.

Topographic Correlates to Diurnal Variations in Vision in a 10 Year PERK Cohort. Lucci L, Martínez CE, Klyce SD, McDonald MB, Lynn MJ, Waring III GO, the PERK Study Group. Abstracts of the 1995 Pre-Academy Meeting of the ISRS. Atlanta, GA, October 26-28, 1995.

Exciton Dynamics in One-Dimensional Crystals Containing Scatterers and/or Traps: Time Resolved Luminescence from $(\text{CH}_3)_4\text{NMnCl}_3$ (TMMC) Doped with Cd^{2+} and/or Cu^{2+} . Martínez CE, Herman MF, McPherson GL, Waguespack YY, Rodríguez WJ, Southwest Conference on Theoretical Chemistry Proceedings. Austin, TX, November, 1989.

ADDITIONAL RESEARCH

Research Assistant, David Kline, MD, Professor and Chairman Department of Neurosurgery, LSU School of Medicine, New Orleans, Louisiana. A Study of the Histological Changes in the Cervical and Thoracic Spinal Cord Segments after C5-T1 Ventral Root Avulsion. 1993 – 1994.

Research Assistant, **Nobel Prize Laureate Andrew Schally, MD**, Veterans Administration Hospital, New Orleans, Louisiana. Intravenous Administration of Selected Peptides and their Effect on Canine Gastric Acid Production. January, 1986 - May, 1987.

PRESENTATIONS

Corneal Aberration Structure before and after photorefractive keratectomy with the NIDEK EC-5000 for small and large pupils. Resident-Alumni Day, New Orleans, LA, June, 1997.

The Topography of LASIK. Resident-Alumni Day, New Orleans, LA, June, 1997.

Changes in Spherical and Coma-Like Aberrations Before and After Photorefractive Keratectomy for Small and Large Pupils. Otorhinolaryngology and Ophthalmology Meeting, Biloxi, Mississippi, April 24-25, 1997.

Two Year Follow Up of Corneal Aberration Change after Photorefractive Keratectomy; Its Correlation to Attempted Correction, Pupillary Diameter and Visual Acuity. Resident-Alumni Day, New Orleans, LA, June, 1996.

Photorefractive Keratectomy and the Monochromatic Aberrations of the Cornea. 1996 Pre-Academy Meeting of the ISRS, Chicago, IL, October 24-26, 1996.

Changes in Corneal Aberration Structure after Photorefractive Keratectomy. Martínez CE, ARVO, Ft Lauderdale, FL, 1996.

Exciton Dynamics in One-Dimensional Crystals Containing Scatterers and/or Traps: Time Resolved Luminescence from $(\text{CH}_3)_4\text{NMnCl}_3$ (TMMC) Doped with Cd^{2+} and/or Cu^{2+} . Southwest Conference on Theoretical Chemistry, Austin, Texas, November 1989.

CERTIFICATION

Diplomate American Board of Ophthalmology

PROFESSIONAL MEMBERSHIPS

American Academy of Ophthalmology.

American Society of Cataract and Refractive Surgery

Contact Lens Association of Ophthalmologists, 1995-1999.

California Medical Association

International Society of Refractive Surgery

Los Angeles County Medical Association

Louisiana State Medical Society, 1990-1993.

New Orleans Academy of Ophthalmology, 1996 – 1999.

The Association for Research in Vision and Ophthalmology, 1995-1997.

HONORS AND AWARDS

Chairman, Department of Ophthalmology at Long Beach Memorial Center 2007-Present, **Vice-Chair** 2005-2007, **Chair Educational Committee**, 2001-2005, **Medical Executive Committee** 2007- Present, **Quality assurance**, 2007- present

Reagan Street Surgery Center, **Quality assurance**, 2006- Present, **Medical Advisory Committee**, 2006- Present

Who's Who in Professionals and Executives-2006

Expert reviewer for the Journal of Refractive Surgery 2004-Present

Doctor of the Month at Los Alamitos Hospital, November 2002.

Moderator for the corneal topography and refractive surgery session of the International Society of Refractive Surgery Pre-Academy Conference, 1998.

Keynote Speaker in "Highlights of ISRS Meeting" a DVD featuring the most important lectures of the 1998 ISRS Meeting.

Invited Guest Speaker at the International Society of Refractive Surgery Pre-Academy Conference, 1997 and 1998.

First resident selected to teach the Neuro-ophthalmology section of the Medical Student Ophthalmology course at LSU 1998.

Most Outstanding Research Lecture, Resident-Alumni Research Day, 1996, 1997, and 1998 (Co-investigator in 1998).

Tulane University Graduate Student Fellowship, 1989-1990.

American Chemical Society's Outstanding Student in Chemistry, Tulane University, 1988.

Co-Chairman, Honor Board, Tulane University, 1988, 1989.

Premedical Honor Society, ALPHA EPSILON DELTA, 1986-1989.

Freshmen Honor Society, PHI ETA SIGMA, 1986.

LANGUAGES

Fluent in written and spoken Spanish (Native speaker)