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## **MUNISH SHARMA, MD OD FAAO**

*CHIEF OF OPTOMETRY,*

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### **EDUCATION**

- Health Care Executive MBA, Paul Merage School of Business, UCI, Class of 2019
- Residency (Refractive & Ocular Surgery/Ocular Disease) 2014, OMNI Eye Services, Iselin, NJ
- Doctor of Optometry 2013, SUNY College of Optometry, New York, NY
- Fellowship (Pediatric Ophthalmology) 2007, Children's National Medical Center at George Washington University, Washington, DC.
- Fellowship (Pediatric Ophthalmology and Adult Strabismus) 2006, Wilmer Eye Institute, Johns Hopkins University, Baltimore, MD
- Fellowship (Cornea and Refractive Surgery) 2005 UCI & Boxer Wachler Vision Institute, Beverly Hills, CA
- MD (Ophthalmology) 2004, Dr. R.P. Center of Ophthalmic Sciences, AIIMS, New Delhi, India
- MB,BS (Bachelor of Medicine and Surgery) 2001, All India Institute of Medical Sciences, New Delhi, India

### **BOARD CERTIFICATIONS**

- National Board of Examiners in Optometry (NBEO) 2013 with TMOD
- Education Certificate for Foreign Medical Graduates (ECFMG) 2001.

### **CLINICAL POSITIONS**

- Assistant Professor 2014, College of Optometry, Western University of Health Sciences, Pomona, CA
- Resident Optometry, OMNI eye services of NJ 2013-2014
- Optometric Rotatory Externships 2012-2013 and Optometric Internship 2011-2012
- Kreiger Eye Institute at Sinai Hospital Baltimore, MD 2007 - 2011
- Clinical Fellow (Pediatric Ophthalmology) 2006-2007 CNMC at George Washington University, Washington, DC.
- Clinical Fellow (Pediatric Ophthalmology & Adult Strabismus) 2005- 2006, Wilmer Eye Institute at Johns Hopkins University Medical Institution, Baltimore, MD
- Clinical Fellow (Cornea and Refractive Surgery) 2004-2005, University of California Irvine and Boxer Wachler Vision Institute, Beverly Hills & Irvine, CA
- Ophthalmology Resident 2001-2004
- Rotatory Medical Internship 2000-2001

### **ACADEMIC SERVICES**

- American Optometric Association: Evidence Based Optometry Committee member 2015 – present
  - American Optometric Association: Accreditation Council on Optometric Education member 2015 – present
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- Inland Empire Optometric Society: President-Elect 2017-18, Communication/IT Chair 2015-17, Secretary 2016-17.
  - Chair Student Performance Committee 2017-present, Student Performance Committee: 2014 – present.
  - Western University of Health Sciences Academy Senate Committee 2016 – now.

### **SPECIAL PROJECTS/ POSITIONS**

- Advanced Technology Partnership Committee: technology testing, planning and adaptation 2014 – now
- Academic Support Services and Planning Committee 2016- now
- Epic EMR beta testing, compatibility testing and super-user Fall 2016 - present
- Ophthalmology and Optometry Faculty and Extern scheduling 2013-2014 at OMNI Eye Services, NJ
- EMR selection, testing, paper-chart to digital adaptation 2009-2011 at Kreiger Eye Institute (KEI).
- Ophthalmic device integration, backup and test result visualization with ANKA systems at KEI 2009-11
- Chief, Ophthalmic Research Association 2003-2004
- Co-Founder, Pryatna: students' initiative for patient education and guidance: 1999.
- President, Students Association, All India Institute of Medical Sciences: 1999-2000
- Co-Organizer: Pulse: the largest national medical students' event: Sept. 1999.

### **TEACHING EXPERIENCE**

- Course leader of Posterior Segment and Retina Course Fall 2014 - present
- Course leader of Systemic Disease Course Fall 2015 – present
- Course leader of Lasers and Surgical Procedures in Optometry starting spring 2017
- Guest Lecturer in Neurological Disease Diagnosis and Treatment Anterior Segment Course: Summer 2015 - present
- Guest Lecturer in Anterior Segment Course: Fall 2014 – present
- Guest Lecturer in Patient Presents case Summer 2017 - present
- Facilitator Inter-professional Education (IPE 5000/5100) Case 3 and Case 4 discussion groups Fall 2015, Winter 2015, Spring 2016.
- NBEO review lectures on Posterior Segment and Systemic Disease and Eye

### **INVITED SPEAKER/ CE TALKS**

- Lasers in Eye Care: IEOS Feb 2017
  - Asian American Optometry Society “Bilateral Proptosis” May 2016
  - Webinar “Ocular Findings in Children with Abusive Head Trauma” March 2016
  - CE Talk “Adaptive Optics” Okularfest 2015
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- Webinar “Advances in Retina Diagnosis and Management” June 2015
  - CE Talk “Cataract Surgery Co-Management” for Luxottica Optometrist Association June 2015
  - OMNI New York CE 2014 Retinal Grand Rounds
  - Bergen Passaic Society of Optometric Physicians 2014, Idiopathic Orbital Inflammatory Syndrome
  - Bergen Passaic Society of Optometric Physicians 2013, Retina Grand Rounds
  - Hudson Valley Optometric Society 2013, Advances in AMD
  - OMNI CE Event 2013, Adaptive Optics.

## RESEARCH TRIALS

- Co-Investigator: Effective Sideline Concussion Screening Technique for High School Football Players.
- Co-Investigator: Maestro 4 Topcon Normative Database study for FDA approval Jan 2015- completion
- Co-Investigator in IRB approved clinical study on “Adjustable muscle surgery in pediatric patients” at Wilmer Eye Institute at Johns Hopkins University Medical Institution, Baltimore, MD 2006
- Co-Investigator in clinical study “Comparison of single-segment and double-segment Intacs for keratoconus and post-LASIK ectasia” at Boxer Wachler Vision Institute, Beverly Hills, CA 2005
- Co-Investigator in clinical study “Effect of inferior-segment Intacs with and without C3-R on keratoconus at Boxer Wachler Vision Institute, Beverly Hills, CA 2005
- Co-Investigator in clinical study “Intacs for Keratoconus and Lasik-Induced Ectasia. at Boxer Wachler Vision Institute, Beverly Hills, CA 2005

## PROFESSIONAL SOCIETY MEMBERSHIPS

- American Academy of Optometry (Fellow) 2012- Present
- American Optometric Association 2012- Present, Member Evidence Based Optometry 2015 - Present
- California Optometric Association 2014- present
- Inland Empire Optometric association 2014- present
- American Academy of Ophthalmology (International Member) 2006 – present
- American Society of Cataract and Refractive Surgery 2005-2008
- American Academy Pediatric Ophthalmology and Strabismus 2006-2009

## AWARDS

- President's Award for distinguished services to Optometry and Eye Care from American Optometric Association 2016.
  - Western University Distinguished Clinical Educator Award 2016
  - Fellow of the American Academy of Optometry 2014, American Academy of Optometry, Denver, CO
  - Received Irvin M Borish Student fellowship at American Academy of Optometry meeting at Seattle, WA 2013
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- Represented SUNY in Prestigious Varilux Student Bowl 2012 at Optometry's Meeting in Chicago
  - Recipient of Graduate Diversity scholarship, Alcon's Academy for Eye Care Excellence, Allergan AOSA Travel Grant for Essay on Dry Eye Management.
  - Apple Product Professional and Apple Sales Professional by Apple Inc.
  - Top rank in All India Pre-Medical and Pre-Dental Examination, 1995 (conducted by CBSE).
  - Top rank in AIIMS MBBS Entrance Examination, 1995.
  - Received National Council Education Research Training Scholarship, 1993.

### ADVANCED TECHNOLOGY PROJECTS

- Service Project for sideline concussion screening for the Pomona Unified School District: [Safesidelines.com](http://Safesidelines.com)
- Co-Organizer of Optometric Hackathons on Interprofessional care and Clinical Education.
- Formative Assessment for clinical education: Web application: [Medilogs.com](http://Medilogs.com) .
- Evidence Based Care Guideline development and sharing project: [Careevidence.com](http://Careevidence.com).

### PEER REVIEWED PUBLICATIONS/PRESENTATIONS

1. Fahim, NM, Sharma M Anatomical Explanation of Optic Disc Pit Maculopathy Associated with Good Visual Acuity Poster Presentation at Annual Optometry's Meeting 2017 at Washington, DC.
  2. Sharma M, Pham C, Gordon RL, Sharma G Case report describing management of recurrent corneal erosion secondary to Filamentary Keratitis with dried amniotic extracellular matrix. Poster Presentation at American Academy of Optometry Annual Meeting 2016 at Anaheim, CA.
  3. Van K, Yumori J, Sharma M, Jakirlic N, Ballas L Lymphoma of MALT in a case of Chronic Conjunctivitis. Poster Presentation at American Academy of Optometry Annual Meeting 2016 at Anaheim, CA.
  4. Sharma M, Gordon, RL Case Report of Keratoconus associated with Melnick Needles Syndrome. Poster Presentation at American Academy of Optometry Annual Meeting 2015 at New Orleans, LA.
  5. Sharma M, Sharma G Evaluation of clinical response to treatment with FDA-cleared Avenova (i-Lid Cleanser) in patients with blepharitis in an optometric practice. Poster Presentation at the Association for Research in Vision and Ophthalmology Annual Meeting 2015 at Denver, CO.
  6. Sharma M, Davey PG, Maeda R. Case series describing Retinal Manifestations along with OCT findings amongst patients of Fabry Disease. Poster Presentation at The American Optometric Association Annual Meeting 2015 at Seattle, WA.
  7. Nehmad L, Yang A, Sharma M. A Comparative Study of Methods used to evaluate Visual field Progression in Glaucoma Poster Presentation at American Academy of Optometry Annual Meeting 2013 at Seattle, WA.
  8. Sharma M, Bass S, Chirumbolo A. Case of concurrent CME and Primary Open Angle Glaucoma responding positively to single medication: Topical Carbonic Anhydrase Inhibitors at American Academy of Optometry Annual Meeting 2013 at Seattle, WA.
  9. Awadein A, Sharma M, Bazemore MG, Saeed HA, Guyton DL. Adjustable Suture Strabismus Surgery in infants and children J AAPOS. 2008 Dec;12(6):585-90
  10. Sharma M, Boxer Wachler BS, Chan CC. Higher Order Aberrations and Relative Risk of Symptoms After LASIK. Journal of Refractive Surgery. 2007 Mar;23(3):252-6.
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11. Chan CC, Sharma M, Boxer Wachler BS. Effect of inferior-segment Intacs with and without C3-R on keratoconus. *J Cataract Refract Surg.* 2007 Jan;33(1):75-80.
  12. Sharma M, Boxer Wachler BS. Comparison of single-segment and double-segment Intacs for keratoconus and post-LASIK ectasia. *American Journal of Ophthalmology.* 2006 May;141(5):891-5.
  13. Sharma M, Boxer Wachler BS. Intacs for Keratoconus and Lasik-Induced Ectasia. *Techniques in Ophthalmology.* 2004 Dec;2(4):137-141.
  14. Sharma M, Guyton DL. Poster Presentation: Removable noose in adjustable surgery in strabismus. *American Academy of Pediatric Ophthalmology and Strabismus Annual Meeting,* 3/2006.
  15. Sharma M, Guyton DL. Paper: Adjustable muscle surgery in pediatric patients. *International Strabismological Association in São Paulo, Brazil,* 2/2006.
  16. Sharma M, Boxer Wachler BS. Paper: Corneal collagen crosslinking with riboflavin increases effect (lower L-U ratio) of single segment Intacs in post-lasik ectasia and keratoconus. *American Academy of Ophthalmology Annual Meeting,* 10/2005.
  17. Sharma M, Boxer Wachler BS. Paper: Corneal collagen crosslinking with riboflavin for corneal stabilization. *American Academy of Ophthalmology Annual Meeting,* 10/2005.
  18. Sharma M, Boxer Wachler BS. Paper: Establishing thresholds of post-LASIK induced aberrations in symptomatic patients. *American Society of Cataract and Refractive Surgery Annual Meeting,* 4/2005.
  19. Sharma M, Boxer Wachler BS. Paper: Technique for bilateral simultaneous Verisyse lens implantations. *American Society of Cataract and Refractive Surgery Annual Meeting,* 4/2005.
  20. Sharma M, Boxer Wachler BS. Paper: Treatment protocol for LASIK-induced ectasia. *American Society of Cataract and Refractive Surgery Annual Meeting,* 4/2005.
  21. Sharma M, Boxer Wachler BS, Chao L. Paper: Intacs for keratoconus. *American Society of Cataract and Refractive Surgery Annual Meeting,* 4/2005.
  22. Panda A, Sharma M, Madhavi P. Poster Presentation: Yet another therapy for the management of acute Hydrops. *All India Ophthalmic Society Annual Meeting,* 1/2004.
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