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EDUCATION AND TRAINING

Bascom Palmer Eye Institute/ University of Miami, Miami, FL ■ 1992-1993
Cornea and External Disease

University of Wisconsin, Madison, WI ■ 1989-1992
Ophthalmology

Evanston Hospital, Evanston, IL ■ 1988-1989
Transitional Medicine

University of Miami School of Medicine, Miami, FL ■ 1984-1988
M.D. Honors

University of Miami, Coral Gables, FL ■ 1982-1984
B.S. Honors in Chemistry

PROFESSIONAL EXPERIENCE AND CERTIFICATION

Associate Professor, Clinical Ophthalmology- University of Illinois-Chicago ■ 2005-
Department of Ophthalmology and Visual Science
Director, Cornea and External Disease Service

Assistant Professor- University of Illinois-Chicago ■ 1999-2005
Department of Ophthalmology and Visual Science
Director, Refractive Surgery Service

Assistant Professor- University of Texas HSC- San Antonio
Department of Ophthalmology
Department of Cellular and Molecular Biology (Adjunct)
Director, Cornea and External Disease Service
Residency Program Director

Licensure

Wisconsin, Texas (expired)
Illinois, California (active)
VISX, NIDEK, Ladarvision Certification

NIDEK Trainer Certification
LOCS III Certification

Board Certification

Diplomate- American Board of Ophthalmology ■ 1994
Recertification ■ 2004

AWARDS

University of Illinois-Chicago

Golden Apple – Teaching Award 2007
Best Doctors in America® 1999, 2002-present
Guide to America's Top Ophthalmologists 2002-present

University of Texas HSC- San Antonio

Teacher of the Year Award 1995
Best Doctors in America® 1996

University of Miami School of Medicine

Honors Program in Medical Education
President of the Student Council
Alpha Omega Alpha Honor Society

University of Miami

Phi Beta Kappa Honor Society
Isaac Bashevis Singer Scholar
President's Academic's List
Phi Kappa Phi Honor Society
University Honors Program
Magna Cum Laude, General Honors

RELATED EXPERIENCE

- 1990 **Study Center Coordinator-** Multicenter Ciprofloxacin Conjunctivitis Study,
University of Wisconsin,
- 1995 **Reviewer-** Archives of Ophthalmology
- 1996 **Program Coordinator-** Alamo City Clinical Conference
- 1997 **Lead Ophthalmic Consultant-** Multicenter Drug Trial ZD 1839 (Iressa)
- 1998 Biocompatible Tissue Adhesive, San Antonio Foundation Grant
- 1998 **Reviewer-** Cornea
- 1999 **Program Coordinator-** Alamo City Clinical Conference
- 1999 **Ophthalmic Consultant-** Multicenter Drug Trial CP-358,774
Ophthalmic Consultant- Multicenter Drug Trial TAK-637

- 2001 **Co-investigator**- Corneal Donor Study
- 2001 **Program Coordinator**- Second Annual UIC Cornea Symposium
- 2002 **Co-investigator**- Multicenter Drug Trial 192371-011, Cyclosporine
- 2002 **Reviewer**- Cornea, American Journal of Ophthalmology
- 2003 **Reviewer**- Cornea, American Journal of Ophthalmology
- 2003 **Program Coordinator**- Third Annual UIC Cornea Symposium
- 2004 **Reviewer**- American Journal of Ophthalmology
- 2005 **Reviewer**- Cornea, American Journal of Ophthalmology
- 2006 **Reviewer**- Cornea, American Journal of Ophthalmology, IOVS, Ophthalmology
- 2007 **Reviewer**- Cornea, Clinical Ophthalmology, Ophthalmology, Ophthalmic Plastics and Reconstructive Surgery
Member- AAO POC Panel
- 2008 **Reviewer**- Ophthalmology, IOVS, AJO, Archives of Ophthalmology, Cornea, Eye, Ocular Immunology and Inflammation, Hong Kong Journal of Ophthalmology
Member- AAO POC Panel, AAO External Relations Group
Board Member/ President Elect- Ocular Microbiology and Immunology Group

PUBLICATIONS AND PAPERS

1. **Tu EY**, Culbertson W, Pflugfelder SC, Huang AJ and Chodosh J: The Safety and Efficacy of Subconjunctival Steroids in Non- Necrotizing Anterior Scleritis. Ophthalmology 102(5):718-24, 1995. (Impact Factor: 4.621)
2. Sponsel WE, **Tu EY**, Lee B: Prevent Blindness America Visual Field Screening Study(letter; comment). Am J Ophthalmol 121(6):735, 1996. (Impact Factor 2.628)
3. Adderly BA, **Tu EY**, et al. The Doctor's Guide to Over-the-Counter Drugs. Warner Books, 1998
4. Applegate RA, Hilmantel G, Howland HC, **Tu EY**, Starck T, Zayac EJ. Corneal First Surface Optical Aberrations and Visual Performance. J of Refract Surg. 16(5):507-14, 2000. (Impact Factor 1.696)
5. Chodosh J, Miller D, **Tu EY**, Culbertson WW. Tobramycin-responsive Fusarium oxysporum keratitis. Can J Ophthalmol. 35(1):29-30, 2000. (Impact Factor 1.028)
6. Wang JJ, Edward DP, **Tu E**. Xanthogranuloma of the corneoscleral limbus in an adult. Can J Ophthalmol. 36(5):275-7, 2001. (Impact Factor 1.028)
7. **Tu EY**. Update on refractive surgery. Managed Care. 11(1 Suppl):21-3; discussion 24-7, 2002.
8. Buerk BM, **Tu EY**. Confocal Microscopy in Multiple Myeloma Crystalline Keratopathy. Cornea. 2002 Aug;21(6):619-20. (Impact Factor 1.776)

9. **Tu EY**. Confocal Microscopy Helps Determine Ablation Depth for PTK. Refractive Eyecare 2002.
10. Joslin, CE, Koster J, **Tu EY**. Contact Lens Overrefraction Variability in Corneal Power Estimation After Refractive Surgery. J Cataract Refract Surg 2005 Dec;31(12):2287-92. (Impact Factor 2.497)
11. Kapur R, **Tu EY**, Pendland SL, Sugar J. The Effect of Temperature on Microbial Activity in Optisol-GS. Cornea 2006 Apr;25(3):319-24. (Impact Factor 1.776)
12. Joslin CE, **Tu EY**, McMahon TT, Passaro, DJ, Stayner LT, Sugar J. Epidemiologic Characteristics of a Chicago-area Acanthamoeba keratitis outbreak. Am J Ophthalmol 2006 Aug;142(2):212-7. (Impact Factor 2.628)
13. El Mallah M, Munir W, Janda WM, **Tu EY**. Gemella haemolysans infectious crystalline keratopathy. Cornea. 2006 Dec;25(10):1245-7. (Impact Factor 1.776)
14. Desai MA, Vajaranant T, Sulkowski G, **Tu EY**, Kapustiak J, Pak J. Corneal Melt Associated With Idiopathic Dacryoadenitis. Ophthal Plast Reconstr Surg. 2007 January/February;23(1):60-62. (Impact Factor 0.937)
15. **Tu EY**, McCartney D, Beatty R, Edward DE, Levy J. Successful treatment of Resistant Ocular Fusariosis with Posaconazole. Am J Ophthalmol. 2007 Feb;143(2):222-227. (Impact Factor 2.628)
16. **Tu EY**. 101 Pearls in Cataract and Refractive Surgery, Book Review. Am J Ophthalmol 2007 Feb; 143(2):379. (Impact Factor 2.628)
17. **Tu EY**, Park AC. Recalcitrant Beauveria bassiana Keratitis: Confocal Microscopy Findings and Treatment with Posaconazole (Noxafil) Cornea 2007;26:1008-10. (Impact Factor 1.776)
18. Joslin CE, **Tu EY**, Shoff ME, Booton GC, Fuerst PA, McMahon TT, Anderson RJ, Dworkin MS, Sugar J, Davis FG, Stayner LT. The Association of Contact Lens Solution Use and Acanthamoeba Keratitis. Am J Ophthalmol 2007;144:169-180. (Impact Factor 2.628)
19. Sarwal R, **Tu E**, Mendelblatt FI, et al. Atypical ocular presentations of Rosai-Dorfman disease. Ocul Immunol Inflamm 2008;16:9-15. (Impact Factor 1.054)
20. Munir WM, El Mallah MK, Janda WM, **Tu EY**. Gemella haemolysans infectious crystalline keratopathy. Cornea 2008;27:258; author reply 258. (Impact Factor 1.776)
21. **Cornea Donor Study Investigator Group**, Lass JH, Gal RL, Dontchev M, Beck RW, Kollman C, Dunn SP, Heck E, Holland EJ, Mannis MJ, Montoya MM, Schultze RL, Stulting RD, Sugar A, Sugar J, Tennant B, Verdier DD. Donor age and corneal

[endothelial cell loss 5 years after successful corneal transplantation. Specular microscopy ancillary study results.](#) Ophthalmology. 2008 Apr;115(4):627-632. (Impact Factor 4.621)

22. **Cornea Donor Study Investigator Group**, gal RL, Dontchev M, Beck RW, Mannis MJ, Holland EJ, Kollman C, Dunn SP, Heck EL, Lass JH, Montoya MM, Schultze RL, Stulting RD, Sugar A, Sugar J, Tennant B, Verdier DD. [The effect of donor age on corneal transplantation outcome results of the cornea donor study.](#) Ophthalmology. 2008 Apr;115(4):620-626. (Impact Factor 4.621)
23. **Tu EY**, Joslin CE, Sugar J, Booton GC, Shoff ME, Fuerst PA. [The Relative Value of Confocal Microscopy and Superficial Corneal Scrapings in the Diagnosis of *Acanthamoeba* Keratitis.](#) Cornea 2008;27(7):764-772. (Impact Factor 1.776)
24. Shoff ME, Joslin CE, **Tu EY**, Fuerst PA. [Efficacy of Contact Lens Systems Against Recent Clinical and Tap Water *Acanthamoeba* Isolates.](#) Cornea 2008;27(6):713-719. (Impact Factor 1.776)
25. Kapur R, **Tu EY**, Toyran S, Shah P, Vangveeravong S, Lloyd WC, Edward DP. [Corneal Pathology in Microphthalmia With Linear Skin Defects Syndrome.](#) Cornea 2008;27(6):734-738. (Impact Factor 1.776)
26. **Tu EY**, Joslin CE, Sugar J, Shoff ME, Booton GC. [Prognostic Factors Affecting Visual Outcome in *Acanthamoeba* Keratitis.](#) Ophthalmology 115(11): 1998-2003. (Impact Factor 4.621)
27. **Tu EY.** [Alternaria Keratitis: Clinical Presentation and Resolution with Topical Fluconazole or Intrastromal Voriconazole and Topical Caspofungin.](#) Cornea 2009;28(1):116-9. (Impact Factor 1.776)
28. Dunn SP, Stark WJ, Stulting RD, Lass JH, Sugar A, Pavilack MA, Smith PW, Tanner JP, Dontchev M, Gal RL, Beck RW, Kollman C, Mannis MJ, Holland EJ; **Cornea Donor Study Investigator Group.** [The effect of ABO blood incompatibility on corneal transplant failure in conditions with low-risk of graft rejection.](#) Am J Ophthalmol. 2009 Mar;147(3):432-438. (Impact Factor 2.638)
29. **Tu EY**, Joslin CE, Nijm LM, Shoff ME, Feder RS, Jain S. [Polymicrobial Keratitis: *Acanthamoeba* and Infectious Crystalline Keratopathy.](#) Am J Ophthalmol 2009 (forthcoming). (Impact Factor 2.628)
30. Booton GC, Joslin CE, Shoff ME, **Tu EY**, Kelly DJ, Fuerst PA. [Genotypic Identification of *Acanthamoeba* sp. Isolates Associated with an Outbreak of *Acanthamoeba* keratitis.](#) Cornea. *In press.* (Impact Factor 1.776)
31. Joslin CE, **Tu EY**, Shoff ME, Anderson RJ, Davis FD. [Shifting distribution of Chicago area *Acanthamoeba* keratitis cases.](#) *Submitted.*

PEER REVIEWED ABSTRACTS

Tu EY, Michael J, Rapoza PA: Tolerance of Hydroxyapatite in the Rabbit Cornea. Invest Ophthalmol Vis Sci. 1992;33(suppl):1503.

Tu EY, Pflugfelder SC: Immunohistochemical Analysis of Ice-Blue Corneal Subepithelial Opacities. Invest Ophthalmol Vis Sci. 1993;34(suppl):1597.

Price M, **Tu EY**: MLS: Microphthalmia Linear Streak. Invest Ophthalmol Vis Sci. 1996; 37(suppl):S657.

Baca W, **Tu EY**, Haverly RF, Chalfin S: Evaluation of Periocular Pathogens in Ophthalmic Surgery. Invest Ophthalmol Vis Sci. 1996; 37(suppl):S1034.

Rugwani RM, **Tu EY**, Sponsel WE. Effect of Corneal Thickness on the Correlation of Manometric and Applanation Pressure Measurements of Eye Bank Whole Globes. Invest Ophthalmol Vis Sci. 1998; 39(suppl):S4319.

Applegate RA, Hilmantel G, Ballentine CS, **Tu EY**, Starck T, Zayac EJ, Howland HC. Corneal Optical Aberrations from Various Causes Induce Predictable Decreases in Visual Performance. Invest Ophthalmol Vis Sci. 1998;39(suppl):S2132.

Tu EY, Chalfin S. Evaluation of Video Telestration in the Teaching of Slit Lamp Biomicroscopy. Invest Ophthalmol Vis Sci. 1998;39(suppl):S4777.

Applegate RA, Hilmantel G, Ballentine CS, **Tu EY**, Starck T, Zayac EJ. Corneal First Surface Optical Aberrations from Various Causes are Significantly Correlated to High and Low Contrast Acuity. J Am Acad Optom 1998; 75(12)suppl:69.

Hilmantel G, Applegate RA, **Tu EY**, Starck T, Zayac EJ Howland HC. Low Contrast Acuity: A Substitute for Contrast Sensitivity? Invest Opthtalmol Vis Sci. 1999;(suppl):

Tu EY, Khan NK, Trajkovic D, Harmon JM, Koki AT, Duffy M, McMahon T. Cyclooxygenase-2 (COX-2) is Upregulated in Human Acute Corneal Inflammation. Invest Ophthalmol Vis Sci. 2002; 43(suppl):S26.

Tu EY, Fiscella RG, Kapur R, Edward DP, Duffy MT. Pharmacologic Modulation of Trauma-induced Cyclooxygenase-1 and 2 expression in the Rat Cornea. Invest Ophthalmol Vis Sci. 2004 45: E-Abstract 124.

Kapur R, **Tu EY**, Pendland SL, Sugar J. The Effect of Temperature on Microbial Activity in Optisol-GS. Invest Ophthalmol Vis Sci. 2004 45: E-Abstract 4908.

Joslin CE, Koster J, and **Tu EY**. Corneal Refractive Power Post Refractive Surgery. Invest. Ophthalmol. Vis. Sci. 2004 45: E-Abstract 308.

Joslin CE, **Tu EY**, McMahon TT, and Sugar J. IOL Power Calculation in Eyes Having Undergone Myopic Refractive Surgery and Cataract Surgery. Invest. Ophthalmol. Vis. Sci. 2005 46: E-Abstract 859.

Munir WM, **Tu EY**, Joslin CE, and McMahon TT. Comparison of Hartmann Shack Aberrometer and OPD Scan in Postkeratoplasty Wavefront Analysis of Interrupted Suturing versus Combined Interrupted and Continuous Suturing Techniques. Invest. Ophthalmol. Vis. Sci. 2005 46: E-Abstract 847.

Ekdawi NS, Fiscella R, Schreckenberger P, and **Tu EY**. Topical Linezolid in Streptococcus Pneumoniae Corneal Ulcer Model in Rabbits. Invest. Ophthalmol. Vis. Sci. 2005 46: E-Abstract 4910.

Shoff ME, Joslin CE, Booton GC, **Tu EY**, et al. Prevalence of Acanthamoeba in Chicago Tap Water IOVS;48:ARVO E-Abstract 338.

Joslin CE, **Tu EY**, Shoff ME, Booton GC, et al. Domestic Tap Water Exposure and the Association with Acanthamoeba Keratitis (AK) IOVS;48:ARVO E-Abstract 752.

Tu EY, Joslin CE, Shoff ME, Booton GC. Differential Rates of Isolation From Two Laboratories During an Ongoing Outbreak of Acanthamoeba Keratitis. IOVS;48:ARVO E-Abstract 753.

Glonek T, Levinson DJ, **Tu EY**, Kenyon KR, Greiner JV. A Microbial Cellulose Graft for Ocular Surface Defects. IOVS;48:ARVO E-Abstract 787.

Nijm LM, Ulanski LJ, **Tu EY**, Fiscella, Peterson R. Using the Staar Collamer Intraocular Lens as a Drug Delivery System for the Prevention of Endophthalmitis. IOVS;48:ARVO E-Abstract 2673.

Booton GC, Joslin CE, Shoff ME, **Tu EY**, Kelly DJ, Fuerst PA. Genotypic Identification of Acanthamoeba sp. Isolates Associated with an Outbreak of Acanthamoeba Keratitis. IOVS;48:ARVO E-Abstract 3234.

Slover CM, Sheth V, Danziger LH, **Tu EY**, Fiscella RG. Evaluation of Topical Linezolid (LN), Daptomycin (DP), and Tigecycline (TG) Compared to Vancomycin (VN) in a Rabbit (RB) Model of Streptococcus pneumoniae (SP) Corneal Ulceration (CU). IOVS;48:ARVO E-Abstract 4744.

Tu EY, Shoff ME, Joslin CE, Kubatko L, Fuerst PA. Investigation of the Role of a Taurine-Containing Lens Disinfection Solution in the Ongoing Acanthamoeba Keratitis Outbreak. OMIG Abstract 18. October, 2007.

Shoff ME, Joslin CE, **Tu EY**, Fuerst PA. Taurine effects on Acanthamoeba survival. Annual Meeting of the American Academy of Optometry, December 2007.

Shoff ME, Joslin CE, **Tu EY**, Fuerst PA. Taurine effects on Acanthamoeba survival. Annual Meeting of the American Academy of Optometry, December 2007.

Shoff ME, Joslin CE, Booton GC, **Tu EY**, and Fuerst PA. Prevalence of Acanthamoeba in Chicago Area Tap Water. XII International Conference on the Biology and Pathogenicity of Free-Living Amoebae. Wako, Japan 2007.

Booton GC, Joslin CE, Shoff ME, **Tu EY**, Kelly D, Fuerst PA. Molecular Identification of Acanthamoeba sp. Isolates in an Acanthamoeba Keratitis Outbreak. XII International Conference on the Biology and Pathogenicity of Free-Living Amoebae. Wako, Japan 2007.

Tu EY, Joslin CE, Sugar J, Shoff ME. Outcomes of Penetrating Keratoplasty in Acanthamoeba Keratitis. ARVO 2008

Joslin CE, **Tu EY**, Shoff ME. Temporal Acanthamoeba Keratitis Case Distribution and Cumulative Incidence Rates. ARVO 2008

Davis LT, Glickman RD, Kumar N, Nijm LM, **Tu EY**, Ulanski LJ, Fiscella R. Development of an Adaptable HPLC Method for the Analysis of Frequently Used Antibiotics in Ocular Samples. ARVO 2008.

Nijm LM, **Tu EY**, Ulanski LJ, Fiscella R, Peterson R, Davis LT, Glickman RD. The Future of Endophthalmitis Prophylaxis? Intraocular Drug Delivery of Gatifloxacin via a Hydrophilic IOL. ARVO 2008

Tu EY, Joslin CE, Lee JA, Djalilian A. Recrudescence Acanthamoeba Keratitis Related to Persistent Contact Lens Wear. ASCRS 2008.

Joslin CE, **Tu EY**, Shoff ME, Booton GC, Fuerst PA, Stayner LT, Davis. The Association between Acanthamoeba keratitis and contamination of water supplies. Annual Meeting of the American Academy of Optometry, December 2008 (submitted).

Joslin CE, **Tu EY**, Stayner LT, Davis FG. The association between Acanthamoeba keratitis and showering with contact lenses. Annual Meeting of the American Academy of Optometry, December 2008.

Joslin CE, **Tu EY**, Shoff ME, Booton GC, Fuerst PA, Stayner LT, Davis. The Association between Acanthamoeba Keratitis and the presence of Acanthamoeba in water supplies sampled from the home. International Society for Environmental Epidemiology, October 2008.

Joslin CE, **Tu EY**, Stayner LT, Davis FG. The association between showering with contact lenses and Acanthamoeba keratitis. American College of Epidemiology, September 2008 (submitted).

Joslin CE, **Tu EY**, Anderson RJ, Davis FG. Shifting spatial-temporal distribution of Chicago area Acanthamoeba keratitis cases. Society for Epidemiologic Research Annual Meeting, June 2008.

Joslin CE, **Tu EY**, Anderson RJ, Davis FG. Shifting spatial-temporal distribution of Chicago area *Acanthamoeba* keratitis cases. UIC School of Public Health Student Research Forum and Awards Day, April 2008.

Gupta S., **Tu EY**, Joslin CE. *Acanthamoeba* keratitis and contact lens solutions: the recent University of Illinois at Chicago experience after the Advanced Medical Optics Complete Moistureplus solution recall *Invest. Ophthalmol. Vis. Sci.* 2009;50:ARVO E-Abstract 3114.

Joslin CE, **Tu EY**, Shoff ME. The association between *Acanthamoeba* keratitis and recent contact lens initiation. *Invest. Ophthalmol. Vis. Sci.* 2009;50:ARVO E-Abstract 5121.

Tu EY, Joslin CE, Shoff ME. Polymicrobial *Acanthamoeba* keratitis. *Invest. Ophthalmol. Vis. Sci.* 2009;50:ARVO E-Abstract 5936.

L.J. Ulanski, II, L. Nijm, S. Winkler, R. Fiscella, L. Trager, **E. Tu**. *In Vitro* Drug Delivery Characteristics of the STARR, Akreos, and Hydrophobic Lenses *Invest Ophthalmol. Vis Sci.*; 50:ARVO E-Abstract 1154.

S. Elderkin, A. Djalilian, **E. Tu**, J. Sugar, S. Reddy, A. Kadakia, R. Ramaswamy, O. Lopez. Outcomes of Descemet Stripping Automated Endothelial Keratoplasty (DSAEK) in Patients With a Pre-Existing Anterior Chamber Intraocular Lens. *Invest Ophthalmol. Vis Sci.*; 50:ARVO E-Abstract 2185.

BOOK CHAPTERS

1. McDermott ML, **Tu EY**. Punctate Corneal Staining in Decision Making in Ophthalmology. St. Louis: CV Mosby, 2000.
2. McDermott ML, **Tu EY**. Corneal Crystals in Decision Making in Ophthalmology. St. Louis: CV Mosby, 2000.
3. **Tu EY**, McDermott ML. Corneal Hypesthesia in Decision Making in Ophthalmology. St. Louis: CV Mosby, 2000.
4. McDermott ML, **Tu EY**. Corneal Pigmentation in Decision Making in Ophthalmology. St. Louis: CV Mosby, 2000.
5. **Tu EY**. Parinaud's Oculoglandular Syndrome in Duane's Clinical Ophthalmology.
6. **Tu EY**, Rheinstrom S. Dry Eye in Ophthalmology 2e, Yanoff et al 2003.
7. **Tu EY**, Sugar JS. Defects of the Cornea. in Emery AND Rimoin's Principles and Practice of Medical Genetics 4e. 2006

8. **Tu EY.** Interstitial Keratitis in Principles and Practice of Ophthalmology 3e, Jakobiec ed 2007.
9. **Tu EY.** Conjunctivitis in Clinical Infectious Disease, 3e. Schlossberg ed., 2007.
10. **Tu EY,** Sugar J. Temporary Keratoprosthesis. In Brightbill's Corneal Surgery, 4e 2008.
11. **Tu EY,** Rheinstrom S. Dry Eye in Ophthalmology 3e, Yanoff et al 2008.
12. **Tu EY.** Acanthamoeba and Other Parasitic Corneal Infections. In Cornea, 3e Krachmer, Mannis, Holland, eds., 2009
13. **Tu EY.** Acanthamoeba Keratitis. In Atlas of Clinical Wisdom, Melki, ed. (Submitted)
14. **Tu EY.** Fungal Keratitis. In Atlas of Clinical Wisdom, Melki, ed. (Submitted)
15. **Tu EY.** Acanthamoeba Keratitis. In Curbside Consultation in Cornea, Price, Letko, eds. (Submitted)
16. Cortina S, **Tu EY.** Focal Points: Antibiotic Use in Corneal and External Eye Infections. Stern, ed. (in preparation).

INVITED PRESENTATIONS

A New Material for Keratoprosthetic Implants, presented at Residents' Day, University of Wisconsin Department of Ophthalmology 1991

Ocular Cicatricial Pemphigoid and Tear IgG, presented at Alamo City Resident's Day 1995

Allergic vs. Infectious Conjunctivitis, presented at the Contact Lens Society of Texas, San Antonio, Texas (04/14/96)

Allergic Conjunctivitis, presented at spring Symposium of Texas Ophthalmic Professional Society 1996

Corneal Indications and Complications, presented at Glaucoma Shunts '97 (03/15/97)

Ocular effects of ZD1839 (Iressa), presented at the ZD 1839 investigators meeting, Ft. Myers, FL 1997

Confocal Microscopy in Cornea and Refractive Disease, presented at the First Annual NIDEK User's Meeting, Las Vegas, NV 2001

Update on Refractive Surgery, presented at the AMCP Meeting Dallas 2001

Confocal Microscopy in Infectious Keratitis, presented at BPEI 40 th Anniversary Meeting, Miami, FL 2002

Confocal Microscopy, Global Chinese Ophthalmic Conference, Taipei, Taiwan 2002

Bajandas Lecture Corneal Imaging: Clinical Experience with Confocal Microscopy, presented at the University of Texas HSC- San Antonio Resident's Day 2004

Anti-Inflammatory Use in Anterior Segment Disease, presented at the UTHSC-SA Resident's Day 2004

Confocal Microscopy of Endothelial Disorders, presented at the Confocal SIG, ARVO 2006

Acanthamoeba Keratitis: Clinical Characteristics, presented at UIC Alumni Day 2006

Acanthamoeba Keratitis: Where Do We Stand in 2007?, presented at Cornea Day at ASCRS 2007

Confocal Microscopy of Atypical Keratitis, presented at AAO 2007

The Role of a Taurine-Containing Contact Lens Disinfection Solution in the Current Acanthamoeba Outbreak, presented at OMIG 2007

Visual Outcomes of Medical Therapy and Penetrating Keratoplasty in *Acanthamoeba* Keratitis, presented at Federated Societies Meeting 2007

Acanthamoeba Keratitis: Is it on the Rise Again? Why?, presented at Cornea Day at AAO 2007

Acanthamoeba keratitis- On the Rise Again?, presented at the AAO Cornea Press Conference 2007

Contact Lens Related Keratitis: Management and Prevention, presented at Cornea Day ASCRS 2008

Corneal Controversies in the Correction of Ametropia: Contact Lenses, presented at Hot Topics in Cornea ASCRS 2008

Management of *Acanthamoeba* Keratitis, presented at Illinois Eye and Ear Infirmary Management of Complex Corneal Cases, ASCRS 2008

Position Statement for American Academy of Ophthalmology, American Society of Cataract and Refractive Surgeons, Contact Lens Association of Ophthalmologists and the Cornea Society. Food and Drug Administration (FDA) Ophthalmic Devices Advisory Panel, Center for Devices and Radiological Health Advisory Committee, Washington, DC, June 10, 2008.

The Chicago *Acanthamoeba* Outbreak, presented at the World Ophthalmology Congress, Hong Kong, PRC 2008

Molecular Diagnosis of Bacterial Keratitis, presented at the World Ophthalmology Congress, Hong Kong, PRC 2008

LASIK-Related Infections, presented at the World Ophthalmology Congress, Hong Kong, PRC 2008

The Chicago *Acanthamoeba* Outbreak, presented at the Jules Stein Eye Institute, Los Angeles, CA Cornea Rounds 2008

The Chicago *Acanthamoeba* Outbreak, presented at the CLAO-ERF, Las Vegas, NV 2008

Management of *Acanthamoeba* Keratitis, presented at Polish Ophthalmology Congress, Warsaw, Poland 2008

Optisol-GS Antifungal Properties presented at the Federated Society Fall Symposium 2008

Non-Fungal/Non-Bacterial Corneal Infections presented at Cornea Day AAO 2008

Have We Conquered *Acanthamoeba* Keratitis? presented at the OMIG AAO Symposium 2008

Acanthamoeba/Fungal Keratitis presented at the Cornea Society AAO Symposium 2008

American Academy of Ophthalmology Closing Statement Contact Lens Microbiology Workshop. Co-sponsored by the Food and Drug Administration (FDA) and professional organizations. January 22 – 23, 2009.

CME PRESENTATIONS

Allergic Conjunctivitis, presented at UTHSC-SA Optometric Continuing Medical Education 1994

Keratorefractive Surgery Update, presented at UTHSC-SA Optometric Continuing Medical Education 1995

Corneal Transplantation, presented at UTHSC-SA Optometric Continuing Medical Education 1995

Refractive Surgery: Past, Present and Future, presented at UTHSC-SA Optometric Continuing Medical Education 1996

Cataract Surgery: Post-Operative Management, presented at UTHSC-SA Optometric Continuing Education Program 1997

Alamo City Clinical Conference, Director (3/4/96)

Corneal Infections and Contact Lens-Related Disease, presented at UTHSC-SA Optometric Continuing Medical Education (10/05/97)

A Systematic Approach to Ocular Surface Disease, presented at UTHSC-SA Optometric Continuing Medical Education 1997

Cornea and External Disease: Pearls and Pitfalls, presented at UTHSC-SA Optometric Continuing Medical Education 1997

Alamo City Clinical Conference, Director (3/4/99)

Corneal Inflammation and Keratolysis, presented at the Second Annual Cornea Symposium, Chicago, IL 2001

Anti-Inflammatory Use in Anterior Segment Disease: Management of Ulcerative Keratitis, presented at the Third Annual Cornea Symposium, Chicago, IL 2003

Wavefront Maps: What do they Mean?, presented at the Ophthalmology Update, Punta Cana, Dominican Republic 2004

Confocal Microscopy- Clinical Cases, presented at the Ophthalmology Update, Punta Cana, Dominican Republic 2004

The Relative Value of Confocal Microscopy and Superficial Scrapings in the Diagnosis of Acanthamoeba Keratitis, presented at UIC Alumni Day 2005

Lamellar Keratoplasty, presented at Ophthalmology Update, Punta Cana, Dominican Republic 2006

Acanthamoeba Keratitis, presented at Ophthalmology Update, Punta Cana, Dominican Republic 2006

Immune Mediated Diseases, presented at the Illinois Eye Review, Chicago, Illinois 2008

Infectious Diseases, presented at the Illinois Eye Review, Chicago, Illinois 2008

Surgical Techniques, presented at the Illinois Eye Review, Chicago, Illinois 2008

Cataract Complications, presented at the Illinois Eye Review, Chicago, Illinois 2008

Immune Mediated Diseases, presented at the Illinois Eye Review, Chicago, Illinois 2009

Infectious Diseases, presented at the Illinois Eye Review, Chicago, Illinois 2009

Surgical Techniques, presented at the Illinois Eye Review, Chicago, Illinois 2009

Cataract Complications, presented at the Illinois Eye Review, Chicago, Illinois 2009

MEMBERSHIPS

American Academy of Ophthalmology

Association for Research in Vision and Ophthalmology

International Ocular Surface Society

American Society of Cataract and Refractive Surgery

Ocular Microbiology and Immunology Group