

## Maylon Hsu, M.D.

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### Education:

- 7/11-present John A. Moran Eye Center, University of Utah School of Medicine  
Cornea and Refractive Surgery Fellowship
- 7/08-6/11 Loyola University Medical Center, Maywood, IL  
Ophthalmology Residency
- 7/07-6/08 Advocate Illinois Masonic Medical Center, Chicago, IL  
Internal Medicine Internship
- 8/03-6/07 University of Texas Southwestern Medical School, Dallas, TX
- 8/98-5/02 University of Texas at Austin, B.A., Plan II Honors/ Biology

### Awards/Honors:

- **2011 Chicago Ophthalmology Society Beem-Fisher Research Award, First Place.** Indications and Outcomes of Amniotic Membranes in Acute Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis.
- **2011 Robert J. Barnes Award Best Alumni Day Presentation.** Loyola University, Department of Ophthalmology.
- **2001 American Society of Microbiology Undergraduate Fellowship.** Does Disruption of Osteopontin's Cell Adhesive and Chemotactic Function Abrogate Mutant Phenotypes of T-BOP Transfected CTL Lines? PI: Paul Gottlieb, Ph.D.
- **1998 Carl B. & Florence E. King Foundation Research Fellowship.** The University of Texas M. D. Anderson Cancer Center. Reduced expression of cyclooxygenase 2 proteins in hereditary nonpolyposis colorectal cancers relative to sporadic cancers. PI: Marsha L. Frazier, Ph.D.

### Organizations:

- American Academy of Ophthalmology
- American Society of Cataract and Refractive Surgery
- Cornea Society

### Research:

#### Posters/Presentations:

- **Hsu M, Nolan M, Lin A.** "Indications and outcomes of scleral contact lens for severe ocular surface disease in the acute inpatient setting," presented at ARVO, Fort Lauderdale, FL, USA, May 2011
- **Hsu M, Nolan M, Lin A.** "Factors affecting the rate of dissolution of temporary sutureless amniotic membrane, ProKera, applied to the ocular surface," presented at ASCRS, San Diego, CA, USA, March 2011

- **Hsu M**, Jayaram A, Verner R, Clements J, Lin A, Bouchard CS. "Indications and outcomes of amniotic membranes in acute Stevens-Johnson syndrome," presented at AAO, Chicago, IL, USA, October 2010
- **Hsu M**, Saeed H, Mata C, Tailor U, Song C, Badlani V. "The Association of Diabetes Mellitus and Primary Open Angle Glaucoma: Hines VA study," presented at the American Glaucoma Society, Naples, FL, USA, March 2010 and ARVO, Fort Lauderdale, FL, USA, May 2010
- Wang H, **Hsu M**, Johnston J, He Y. "Role of platelet-activating factor in the migration and proliferation of the choroidal endothelial cells," presented at ARVO, Fort Lauderdale, FL, USA May 2007
- Dudney BW, Syrquin MG, He Y, **Hsu M**, Sullivan BR. "Topical trimethoprim/polymyxin B as prophylactic antibiotic therapy following intravitreal injections," presented at the ASCRS, San Diego, CA, USA, April 2007

#### Other Presentations:

- **Hsu M**. "Surgery of the ocular surface and corneal transplantation" presented at Moran Eye Center, resident BSCS lectures series, Salt Lake City, UT on September 26, 2011
- **Hsu M**, Moshirfar. "Overview of Dry Eye and Its Treatment" presented at the Sjogren's Society Foundation, Salt Lake City Area Support Group Meeting, Salt Lake City, UT, September 26, 2011
- Moshirfar M, **Hsu M**. "Keratoprosthesis and Artificial Corneas" to be presented at the Moran Eye Center Optometric Continuing Education Courses, Salt Lake City, UT, October 4, 2011
- Moshirfar M, **Hsu M**. "Femtosecond Laser-Assisted Cataract Surgery" to be presented at the Moran Eye Center Optometric Continuing Education Courses, Salt Lake City, UT, October 4, 2011
- **Hsu M**, Bouchard C. "Contact Lens Keratitis" presented at the Chicago Cornea Association Meeting, Glenview, Illinois, May 17, 2011 and the Chicago Ophthalmological Society, Chicago, IL, May 5, 2011
- **Hsu M**, De Alba F. "Punctate Inner Chorioretinopathy" presented at the Chicago Rabb Retina Meeting, Chicago, IL, December 8, 2008

#### Journal Publications:

- Moshirfar M, Betts B, Churgin D, **Hsu M**, Neuffer M, Sikder S, Church D, Mifflin MD. (In Press) A prospective, randomized, fellow eye comparison of WaveLight® Allegretto Wave® Eye-Q versus VISX CustomVue™ STAR S4 IRTM in laser in situ keratomileusis (LASIK): analysis of visual outcomes and higher-order aberrations. *Clin Ophthalmol.* 2011;5: 1339 - 1347. Epub 2011 Sept 19
- DeMill D, Moshirfar M., Neuffer M, **Hsu M**, Sikder S. (In Press) A Comparison of the American Society of Cataract and Refractive Surgery Post-Keratorefractive Intraocular Lens (IOL) Calculator and the Ocular MD IOL Calculator. *Clin Ophthalmol.* 2011; 5: 1409-1414. Epub 2011 Sept 25
- DeMill D, **Hsu M**, Moshirfar M. Evaluation of the American Society of Cataract and Refractive Surgery Intraocular Lens Calculator for Eyes with Prior Radial Keratotomy. *Clin Ophthalmol.* 2011;5: 1243-1247. Epub 2011 Aug 31

- Moshirfar M, Betts BS, **Hsu M**, Holz HHA, McEntire W. Bilateral total Descemet's membrane detachments after strangulation. *Clin Ophthalmol*. 2011;5: 1221-1222. Epub 2011 Aug 29
- Moshirfar M, Churgin DS, Betts BS, **Hsu M**, Sikder S, Neuffer M, Church D, Mifflin MD. Prospective, randomized, fellow eye comparison of WaveLight® Allegretto Wave® Eye-Q versus VISX CustomVue™ STAR S4 IR™ in photorefractive keratectomy: analysis of visual outcomes and higher-order aberrations. *Clin Ophthalmol*. 2011;5: 1185-1193. Epub 2011 Aug 22
- **Hsu M**, Tu EY, Bouchard CS. Confocal Microscopy of Contact Lens Keratitis Presenting as Central Toxic Keratopathy. *Eye Contact Lens*. 2011 Jul 29
- He Yuguang, Wang H, Zhao B, **Hsu M**, Liao D, Johnston J. Functional Analysis of Platelet-Activating Factor in the Retinal Pigment Epithelial Cells and Choroidal Endothelial Cells. *Curr Eye Res*. 2009;34(11):957-65

Pending Publications:

- **Hsu M**, Jayaram A, Verner R, Lin A, Bouchard CS. (In Press) Indications and Outcomes of Amniotic Membrane Transplantation in the Management of Acute Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis: A Case-Control Study. *Cornea*
- Moshirfar M, Churgin D, **Hsu M**. Femtosecond (Ultrafast) Laser-Assisted Cataract Surgery: a Current Review (In Press). *Middle East Afr J Ophthalmol*
- Moshirfar M. **Hsu M**. Khalifa YM. (In Press) Surgical Technique: Coupling of Intrastromal Corneal Ring Segments for Ectatic Corneal Disorders in Eye Bank Corneas. *Clin Ophthalmol*

Book Chapters:

- McDonnell J, Bansal R, Vukosavljevic M, **Hsu M**. (2011). Pediatric Ophthalmology. Thomas John MD Foreward Richard L. Lindstrom, MD (Eds.), *The Chicago Eye and Emergency Manual* (1st, pp. 343-362). Jaypee-Highlights Medical Publishers, Inc.

Languages:

- Conversational Spanish

Hobbies/Interests:

- Tennis, Running, Travel