

## Harvard Medical School Format for the Curriculum Vitae

**Date** November 2, 2018  
**Prepared:**  
**Name:** Sherleen Huang Chen, M.D.

### Education

1992	A.B. <i>with Distinction</i>	Human Biology	Stanford University
1997	M.D.	Medicine	Harvard Medical School

### Postdoctoral Training

6/97 - 6/98	Intern	Medicine	Mount Auburn Hospital
7/98 - 6/01	Resident	Ophthalmology	Mass Eye & Ear Infirmary

### Faculty Academic Appointments

7/01 - 9/11	Instructor	Ophthalmology	Harvard Medical School
10/11 -	Assistant Professor	Ophthalmology	Harvard Medical School

### Appointments at Hospitals/Affiliated Institutions

7/01- 6/02	Associate Chief	Ophthalmology	Mass Eye & Ear Infirmary
7/01 - 7/11	Assistant Surgeon	Ophthalmology	Mass Eye & Ear Infirmary
7/11 - 11/13	Associate Surgeon	Ophthalmology	Mass Eye & Ear Infirmary
11/13 -	Surgeon	Ophthalmology	Mass Eye & Ear Infirmary
7/01 -	Active Staff	Ophthalmology	Mass Eye & Ear Infirmary
2005 -	Clinical Associate	Surgery Service	Massachusetts General Hospital

## Major Administrative Leadership Positions

### **Local**

7/01-6/02	Director, Eye Trauma Service	Mass Eye & Ear Infirmary
7/01-6/02	Chief Resident, Ophthalmology	Mass Eye & Ear Infirmary
2006 -	Director, Comprehensive Ophthalmology	Mass Eye & Ear Infirmary
2006 – 2011	Co-Director, Edward Murphy and Leo Chylack Distinguished Lectureship in Cataract Surgery	Mass Eye & Ear Infirmary

### **National and International**

2005 -	Co-Chair, Harvard Intensive Cataract Surgical Training Conference	Mass Eye & Ear Infirmary
2006 –	Cataract Section Director, Lancaster Course in Ophthalmology	Mass Eye & Ear Infirmary

## Committee Service

### **Local**

2000-2002	Joint Operating Room Committee	Mass Eye & Ear Infirmary
2007-	2007-2008	Operating Room Work Group
	2007-2009	Operating Room Task Force
	2009-	Ophthalmology Co-Chair
		Operating Room Management Group
2000-2002	Graduate Medical Education Committee	Mass Eye & Ear Infirmary
2000-2002	Ophthalmology Residency Steering Committee	Mass Eye & Ear Infirmary
2006-		
2001-2002	Ophthalmology Fellowship Committee	Mass Eye & Ear Infirmary
2001-2002	Ophthalmology Residency Selection Committee	Mass Eye & Ear Infirmary
2013, 2015	Residency Selection Committee Reviewer	Mass Eye & Ear Infirmary
2002-2008	Human Studies Committee	Mass Eye & Ear Infirmary
2005-2006	Glaucoma Search Committee	Mass Eye & Ear Infirmary
2005-2007	Surgical Case Review Committee	Mass Eye & Ear Infirmary
2005-2008	Comprehensive Ophthalmology Search Committee	Mass Eye & Ear Infirmary
2013-		
2006 -	Quality Assurance, ad hoc reviewer	Mass Eye & Ear Infirmary
2005-2009	Professional Outreach Committee	Mass Eye & Ear Infirmary
2006-	Practice Advisory Committee	Mass Eye & Ear Infirmary
2006	Optometry Task Force	Mass Eye & Ear Infirmary

2007-2008	Maternity and Short-term Disability Committee	Mass Eye & Ear Infirmary
2008-2010 2011	Physician Board of Directors Ophthalmology Reunion Committee	Mass Eye & Ear Associates Mass Eye & Ear Infirmary
2013-	Focused Professional Practice Evaluation coordinator, Department of Ophthalmology	Mass Eye & Ear Infirmary
2014-2016	Femtosecond Laser Clinical Leader	Mass Eye & Ear Infirmary

### Professional Societies

2003 -	<b>American Academy of Ophthalmology</b>	Active Fellow
	2010 – 2013	Member, Item-Review Sub-Committee for Assessment and Evaluation, Cataract Representative
	2010 – 2011	Member, Preferred Practice Patterns Review Panel
	2011, 2012, 2013, 2015, 2017	Academy Café Facilitator
	2013 - 2018	Comprehensive Member, Ophthalmic Knowledge Assessment Program Committee
	2014 – 2016	Member, Cataract Preferred Practice Patterns Writing Panel (6 members)
	2013 - 2018	Editorial Advisory Board, EyeNet
2003 -	<b>American Society of Cataract and Refractive Surgery</b>	Member
	2011- 2014	Member, Scientific Poster Judging Committee
	2015 – 2018	Chief Judge, Scientific Poster Judging Committee
	2011-2014	Column Editor (Tips for Teachers), EyeWorld
	2012 -	Editorial Board, Phaco Fundamentals Classroom
2003 -	<b>New England Ophthalmologic Society</b>	Active Member
	2018-	Member, Public Health Committee
2007-2008, 2011	<b>Women in Ophthalmology</b>	Member

2003 -	<b>American Board of Ophthalmology</b>	Diplomate
	2012, 2013	Member, Content Outline Committee, Cataract Section
	2012	Member, Content Rating Committee, Comprehensive Maintenance of Certification Exam
	2013-2019	Member, Certification Exam Development Committee (Exam Writer for Comprehensive Ophthalmology)
	2013-2019	Comprehensive Ophthalmology Representative, Ophthalmic Knowledge Assessment Program Committee Liaison to American Academy of Ophthalmology

### Editorial Activities

Journal of Cataract and Refractive Surgery  
Digital Journal of Ophthalmology

### Honors and Prizes

1992	Phi Beta Kappa	Stanford University	Scholarship
1992	A.B. with Distinction	Stanford University	Highest academic honor, for top 10% of class
1992	Regent's Scholarship	University of California, San Francisco School of Medicine	Highest honor, awarded to 8 students
1994-1995	Medical Student Research Training Award	Howard Hughes Medical Institute, Harvard Medical School	Research grant, 60 awarded nationwide
1995-1997	Medical Student Research Training Scholar	Howard Hughes Medical Institute, Harvard Medical School	Medical school tuition and stipend, awarded to 14 research fellows
2008	Faculty Leadership Course	Harvard Medical School	Leadership potential
2014	Distinguished Service Award	Mass Eye and Ear Infirmary	Outstanding service
2015	Surgical Teacher of the Year	Mass Eye and Ear Infirmary	Elected by residents
2015	Achievement Award	American Academy of Ophthalmology	Recognition of service

## **Report of Funded and Unfunded Projects**

### **Funding Information**

#### **Past**

- 2005-2006 “Phase ½ Study of C-KAD Ophthalmic Solution in Age-Related Low-Grade Nuclear Cataract”, Investigator
- 2006 – 2007 “Phase ½ Study of C-KAD Ophthalmic Solution in Age-Related Low-Grade Nuclear Sclerotic Cataracts in Diabetic Patients”, Investigator

#### **Current**

- 2009 – 2012 “Diagnostic for Age-Related Macular Degeneration”, Apeliotus AdaptDx, Investigator
- 2010 - 2011 Recruit patients for glaucoma studies of Lou Pasquale
- 2011 - 2013 Recruit patients for corneal studies of Pedram Hamrah
- 2015 - 2016 Retrospective comparative analysis of post-refractive hyperopic lens calculation (IRB under Roberto Pineda)

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

#### **Prior to Current Harvard Appointment**

- |           |   |   |
|-----------|---|---|
| 1991-1992 | Human Biology Core Curriculum<br>Teaching Assistant, undergraduate students | Stanford University<br>1-hour weekly seminars for 24 weeks<br>graded essay examinations |
| 1992      | Human Sexuality<br>Teaching Assistant, 100 undergraduate<br>students        | Stanford University<br>develop and grade examinations<br>administrative support         |
| 1995      | Principles of Pharmacology<br>Conference Leader, medical students           | Harvard Medical School<br>1-hour sessions per week for 10 weeks                         |

#### **During Current Harvard Appointment**

- |            |   |   |
|------------|---|---|
| 2001-2002, | Ophthalmology Core Clerkship  | Harvard Medical School                  |
| 2004-2005  | 3 <sup>rd</sup> and 4 <sup>th</sup> year medical students   | Harvard Medical School, 1-hour lectures |
| 2005-2006  | Core Medicine Clerkship I,<br>Ophthalmology section instructor  | Harvard Medical School                  |
|            | 3rd year medical students   | 2-hour lectures per week for 4 weeks    |
| 2007-2011, | Patient Doctor II   | Harvard Medical School                  |
| 2013-2015  | 2 <sup>nd</sup> year medical students<br>Ophthalmology examination                                    | 2-hour sessions each year               |
| 2011       | 2 <sup>nd</sup> year medical students<br>Objective Structured Clinical Examination<br>(OSCE) examiner | Harvard Medical School, 4-hour session  |

### **Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2001-2002	Chief Resident in Ophthalmology 1 <sup>st</sup> year residents, medical students	Harvard Ophthalmology Residency 1-hour sessions 5 times per week for 1 year
2005 - 2007 -	Cataract Surgery Principles Cataract Surgery Morbidity and Mortality Rounds	1-2 1-hour sessions each year 1-hour sessions 4-5 times per year
2011-2016	Harvard Ophthalmology Core Surgical Preceptor (Wet Lab Instructor)	4-hour one-on-one sessions 4 times per year
2014-	Core Ophthalmology Teaching Faculty	Harvard Ophthalmology Residency

### Clinical Supervisory and Training Responsibilities

2001-2002	Chief Resident in Ophthalmology 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> year residents and HMS students	Harvard Ophthalmology Residency Supervise clinical and surgical training in Emergency Department and Comprehensive Ophthalmology throughout year
2001-2002	Director, Eye Trauma Clinic 1 <sup>st</sup> and 3 <sup>rd</sup> year ophthalmology residents 3 <sup>rd</sup> year ophthalmology residents	Mass Eye & Ear Infirmary 2 clinic sessions per week  All trauma surgeries for 1 year Anterior segment surgeries 1 day per week for 1 year
2002 -	Comprehensive Ophthalmology Clinic 1 <sup>st</sup> and 3 <sup>rd</sup> year ophthalmology residents 1 <sup>st</sup> and 3 <sup>rd</sup> year ophthalmology residents	Mass Eye & Ear Infirmary  3-4 clinical sessions per week  1 surgical day per week, training residents as primary surgeons
2004-2009	Ophthalmology Core Clerkship	Harvard Medical School
2005-2006	Ophthalmology Advanced Clerkship	Harvard Medical School

### Formal Teaching of Peers (e.g., CME and other continuing education courses)

2007, 2008	Ophthalmology for Internists	Partners Physician's Day
2008	The Brunescant Cataract	New England Ophthalmologic Society
2011	Update on Biometry Technology in 2011 Meeting on Transforming Cataract Surgery	New England Ophthalmologic Society
2016-17	Moderator, Optimizing Cataract Surgery Outcomes (develop, organize, moderate program)	New England Ophthalmologic Society

## Local Invited Presentations

No presentations below were sponsored by outside entities

2003, 2005, Ophthalmology as a Career, panel presentation to HMS Students  
2005, 2007, HMS Faculty Mentorship Series for Medical Student Career Development, Boston, MA  
2010, 2011,  
2013, 2015,  
2016, 2017,  
2018

2005, 2006 Faculty Advisor  
HMS Specialty Career Advising Reception, Boston, MA

2007 Update on Intraocular Lenses for Cataract Surgery  
Harvard Medical School Department of Ophthalmology Alumni Day, Boston, MA

2016 Update on Cataract Surgery Technology (CME)  
Harvard Medical School Department of Ophthalmology Alumni Day, Boston, MA

## **Report of Regional, National and International Invited Teaching and Presentations**

### Invited Presentations and Courses

#### **National**

- 2006 The Small Pupil/Lecture  
Harvard Intensive Cataract Surgical Training Conference, Boston, MA
- 2005-2018 Cataracts-Classification and Anatomy, Anesthesia, Intraocular Lens Calculation and Selection, Viscoelastics, Extracapsular Cataract Extraction/Lectures  
Lancaster Course in Ophthalmology, Waterville, ME
- 2009, 2010, Principles of Vitrectomy for Anterior Segment Surgery/Lecture  
Advanced Cataract Surgery Techniques/Wet Lab Instructor  
UCSF Course on Ophthalmic Advanced Surgical Techniques, San Francisco, CA
- 2009, 2011-  
2013-18 Vitrectomy for the Anterior Segment Surgeon/Skills Transfer Course Instructor  
American Academy of Ophthalmology Annual Meeting  
2009 San Francisco, CA  
2011 Orlando, FL  
2012 Chicago, IL  
2013 New Orleans, LA  
2014 Chicago, IL  
2015 Las Vegas, NV  
2016 Chicago, IL  
2017 New Orleans, LA  
2018 Chicago, IL

- 2010, 2011      Advanced Phacoemulsification Techniques/Skills Transfer Course Instructor  
American Society of Cataract and Refractive Surgeons Annual Meeting  
2010 Boston, MA  
2011 San Diego, CA
- 2010 -2016      Anterior Vitrectomy for Cataract Surgery/Lecture  
Cataract Surgery Techniques-Basic and Advanced/Wet Lab Instructor  
Complementary Ophthalmology Resident Education Program (CME)  
2010 Philadelphia, PA  
2011 Cleveland, OH; Baltimore MD  
2012 Baltimore, MD; Chicago, IL  
2013 Baltimore, MD; Chicago, IL; Carlsbad, CA  
2014 Chicago, IL; Baltimore, MD; Carlsbad, CA  
2015 Salt Lake City, UT  
2016 Chicago, IL; San Diego, CA
- 2010, 2013      Anterior Vitrectomy Principles, Settings, and Set-up/Lecture  
Harvard Intensive Cataract Surgical Training Conference, Boston, MA
- 2011              Unplanned Vitrectomy/Lecture  
Women in Ophthalmology Annual Meeting, Sonoma, CA (CME credits)
- 2012              Biometry Pearls/Lecture  
Unplanned Vitrectomy/Lecture  
Visiting Professor, Bascom Palmer Resident Cataract Course, Miami, FL
- 2013              Advanced Biometry for Refractive Cataract Surgery/Lecture  
UCSF Course on Ophthalmic Advanced Surgical Techniques  
American Society of Cataract and Refractive Surgeons Annual Meeting  
San Francisco, CA
- 2015              Post-Operative Cataract Surgery Management/Lecture  
Course: Pitfalls of the Cataract Surgery Mentor  
American Society of Cataract and Refractive Surgeons Annual Meeting  
San Diego, CA
- 2016              Femtosecond Surgery and Managing the Unhappy Patient/Panel Discussion  
Wet Lab Instructor  
American Society of Cataract and Refractive Surgeons Young Eye Surgeons Advanced  
Cataract Training Program, New York, NY
- 2016              The Cerebral Surgeon/Lecture  
Course: Pitfalls of the Novice Cataract Surgeon  
American Society of Cataract and Refractive Surgeons Annual Meeting, New Orleans, LA



- 2016            Intraoperative Surgical Issues/Lecture  
Course: Pitfalls of the Cataract Surgery Mentor  
American Society of Cataract and Refractive Surgeons Annual Meeting, New Orleans, LA
- 2017            Cataract Surgery in High Myopia/Lecture  
Continuing Specialized Education for 2<sup>nd</sup> year Ophthalmology Residents (CME)  
Fort Worth, TX  
February 2017
- 2017-            Advanced Biometry Principles/Lecture  
Continuing Specialized Education for 2<sup>nd</sup> year Ophthalmology Residents (CME)  
Fort Worth, TX  
February 2017  
December 2017  
December 2018
- 2017-18        Anterior Vitrectomy/Lecture  
Wet Lab Instructor  
Continuing Specialized Education for 2<sup>nd</sup> year Ophthalmology Residents (CME)  
Fort Worth, TX  
February 2017  
December 2017  
February 2018  
March 2018  
August 2018  
December 2018
- 2017-            Advanced Phacoemulsification Skills Transfer Course, Wetlab Skills Transfer Instructor  
November 13, 2017 New Orleans, LA  
October 29, 2018 Chicago, IL
- 2017-            Advanced Phacoemulsification Skills Transfer Course/Wetlab Skills Transfer Instructor  
American Society of Cataract and Refractive Surgeons Annual Meeting  
2017 Los Angeles, CA  
2018 Washington, DC
- 2017            Floppy Iris, Cystoid Macular Edema, Retina Complications/Panelist Discussant and Judge  
American Society of Cataract and Refractive Surgeons Annual Meeting, Los Angeles, CA
- International**
- 2012            Tips and Pearls for Teaching Cataract Surgery/Lecture  
Cataract Surgery after Retina Surgery/Lecture  
Unplanned Vitrectomy/Lecture

- Cataract Surgery in High Myopia/Lecture  
Surgical Advisor  
Shanghai Eye and Ear Nose and Throat Phacoemulsification Course for Practicing Ophthalmologists, Shanghai, China
- 2013 Cataract Surgery in High Myopia/Lecture  
Cataract Surgery in Retina Patients/Lecture  
Anterior Vitrectomy Pearls/Lecture  
Surgeon and Visiting Consultant, Clinical and Surgical Cases  
China Foundation for Lifeline Express Visiting Consultants Program  
Beijing, Hong Kong, XinXiang (Henan Province), China
- 2016 Anterior Vitrectomy for the Beginning Cataract Surgeon/Lecture  
Course: Phaco Pearls for the Beginning Cataract Surgeon  
Asia-Pacific Academy of Ophthalmology Annual Meeting, Taipei, Taiwan
- 2018 The Small Pupil/Lecture  
Principles of Vitrectomy/Lecture  
Surgeon and Visiting Consultant, Clinical and Surgical Cases  
China Foundation for Lifeline Express Visiting Consultants Program  
Hong Kong, China

## **Report of Clinical Activities and Innovations**

### **Current Licensure and Certification**

- 5/01 Board of Registration in Medicine, Commonwealth of Massachusetts  
6/03 Board Certification in Ophthalmology, American Board of Ophthalmology  
9/12 Renewal of Board Certification in Ophthalmology, American Board of Ophthalmology

### **Practice Activities**

- |           |  |                             |  |
|-----------|--|-----------------------------|--|
| 2001-2002 | Ocular Trauma  | Mass Eye & Ear<br>Infirmary | Two sessions per week,<br>on-call for all trauma<br>operations full-time for<br>one year and resident<br>surgeries one day per<br>week             |
| 2005 -    | Comprehensive<br>Ophthalmology and<br>Cataract Surgery | Mass Eye & Ear<br>Infirmary | Three to four sessions<br>per week with 75 patient<br>visits each week, one<br>day per week in<br>operating room with 7-<br>10 surgeries each week |

## **Report of Education of Patients and Service to the Community**

### **Recognition**

2009-2014 2017-2019	Best Doctors	
2011, 2013	Boston Super Doctors Boston Globe	5% of physicians in Boston area by peer nominations, Blue Ribbon Panel review process, independent research
2014	Vitals Patients' Choice Award	5% of physicians nation-wide

## **Report of Scholarship**

### **Publications**

#### **Peer reviewed publications in print or other media**

1. Bayles KW, Brunskill EW, Iandolo JJ, Hruska LL, **Huang S**, Pattee PA, Smiley BK, Yasbin RE. A genetic and molecular characterization of the recA gene from Staphylococcus aureus. Gene. 1994; 147(1):13-20.
2. Ho PJ, Gesundheit N, Wong WL, **Huang SH**, Friberg RD, Barkan AL. Dynamic changes of growth hormone-binding protein concentrations in normal men and patients with acromegaly: effects of short-term fasting. Metabolism. 1995;44(5):667-72.
3. **Huang SH**, Pittler SJ, Huang X, Oliveira L, Berson EL, Dryja TP. Autosomal recessive retinitis pigmentosa caused by mutations in the alpha subunit of rod cGMP phosphodiesterase. Nat Genet. 1995; 11(4) 468-71.
4. **Huang SH**, Adamis AP, Widerschain DG, Shima DT, Shing Y, Moses MA. Matrix metalloproteinases and their inhibitors in aqueous humor. Exp Eye Res. 1996;62(5):481-90.
5. Dryja TP, Rucinski DE, **Chen SH**, Berson EL. Frequency of mutations in the gene encoding the alpha subunit of rod cGMP-phosphodiesterase in autosomal recessive retinitis pigmentosa. Invest Ophthalmol Vis Sci. 1999;40(8):1859-65.
6. Hatton M, **Chen SH**, Bernardino CR, Rubin PA, D'Amico DJ, Eskandar E. Transorbital foreign body with intracranial extension. J Trauma. 2006;61(3):752-4.
7. Aaron MM, **Chen S**, Davison JA, Johnson AT, Miller KM. Choice of IOL after an anterior capsular tear. Cataract & Refractive Surgery Today. June 2011;11(6):43-6.

8. Jiwani, AZ, Rhee DJ, Brauner SC, Gardiner MF, Chen TC, Shen LQ, **Chen SH**, Grosskreutz CL, Chang KK, Kloek CE, Greenstein SH, Borboli-Gerogiannis S, Pasquale DL, Chaudhry S, Loomis S, Wiggs JL, Pasquale LR, Turalba AV. Effects of caffeinated coffee consumption on intraocular pressure, ocular perfusion pressure, and ocular pulse amplitude: a randomized controlled trial. *Eye*. 2012;26:1122-1130.
9. Simon SS, Chee YE, Haddadin RI, Veldman PB, Borboli-Gerogiannis S, Brauner SC, Chang KK, **Chen SH**, Gardiner MF, Greenstein SH, Kloek CE, Chen TC. Achieving target refraction after cataract surgery. *Ophthalmology*. 2014;121(2):440-44.
10. Cohen LP, Wong J, Jiwani AZ, Greenstein SH, Brauner SC, **Chen SH**, Turalba AV, Chen TH, Shen L, Rhee DJ, Wiggs JL, Kang JH, Loomis S, Pasquale LR. A survey of pre-operative blood tests in primary open angle glaucoma patients versus cataract surgery patients. *Digit J Ophthalmol*. 2014 Jun;20(2):20-8.
11. Pasquale LR, Jiwani AZ, Zehavi-Dorin T, Majd A, Rhee DJ, Chen T, Turalba A, Shen L, Brauner S, Grosskreutz C, Gardiner M, **Chen S**, Borboli-Gerogiannis S, Greenstein SH, Chang K, Ritch R, Loomis S, Kang JH, Wiggs JL, Levkovitch-Verbin H. Solar exposure and residential geographic history in relation to exfoliation syndrome in the United States and Israel. *JAMA Ophthalmol*. 2014;132(12):1439-45.
12. Finn AP, Borboli-Gerogiannis S, Brauner S, Chang HY, **Chen S**, Gardiner M, Greenstein SH, Kloek C, Miller JW, Chen TC. Assessing resident cataract surgery outcomes using Medicare physician quality reporting system measures. *J Surg Educ* 2016 73(5):774-9.
13. Olson RJ, Braga-Mele R, **Chen SH**, Miller KM, Pineda R, Tweeten JP, Musch DC. Cataract in the Adult Eye Preferred Practice Pattern. *Ophthalmology* 2017 Feb;124(2):P1-P119.
14. Borkar DS, Moustafa GA, Eton EA, Koullisis N, Kloek CE, Brauner S, Borboli-Gerogiannis S, Chang HP, Chang K, **Chen SH**, Gardiner M, Lobo AM, Luo ZK, Greenstein S. Incidence of unexpected peripheral retinal findings on dilated examination 1 month After cataract surgery: Results in the Perioperative Care for Intraocular Lens Study. *J Cataract Refract Surg*. 2018 Jun;44(6):780-1.
15. Borboli-Gerogiannis S, Jeng-Miller KW, Koullisis N, Moustafa GA, Chang KK, **Chen SH**, Gardiner MF, Greenstein SH, Luo Z, Chen TC, Loewenstein JI, Miller JW, Haviland MJ, Kloek CE. A comprehensive surgical curriculum reduced intra-operative complication rates of resident-performed cataract surgeries. *J Surg Educ* 2018 Aug; DOI 10.1016/j.jsurg.2018.07.009.
16. Borkar, DS, Lains I, Eton EA, Koullisis N, Moustafa GA, van Zyl T, Kloek CE , Brauner S, Borboli-Gerogiannis S, Chang HP, Chang K, **Chen S**, Gardiner M, Lobo AM, Luo, ZK, Greenstein S. Incidence of management changes at the postoperative week one visit after cataract surgery: Results from the PCIOL Study. *Am J Ophthalmol* 2018 Oct; DOI 10.1016/j.ajo.2018.10.013.

**Non-peer reviewed scientific or medical publications/materials in print or other media**

**Reviews, chapters, monographs and editorials**

1. **Chen SH**, Pineda R. Epithelial and fibrous downgrowth: mechanisms of disease. *Ophthalmol Clin North Am.* 2002;15(1):41-8.
2. **Chen S**, Gragoudas E. Complications of cataract extraction. *Semin Ophthalmol.* 2002 Sep-Dec;17(3-4):101.
3. Complications of cataract extraction: anterior segment. *Semin Ophthalmol.* **Chen SH** and Gragoudas ES, Guest Editors. 2002;17(3):149-216.
4. Complications of cataract extraction: posterior segment. *Semin Ophthalmol.* **Chen SH** and Gragoudas ES, Guest Editors. 2002;17(4):149-216.
5. **Chen SH**, Pineda R. “The Small Pupil” in Essentials of Cataract Surgery, 1<sup>st</sup> edition, Bonnie Henderson, Editor. Thorofare, NJ: SLACK, 2007.
6. **Chen SH**. “Acute Visual Loss” in Decision Making in Medicine: An Algorithmic Approach (Clinical Decision Making). Stuart B. Mushlin and Harry L. Green, Editors. Mosby, 2009.
7. **Chen SH**. “Conjunctivitis” in Decision Making in Medicine: An Algorithmic Approach (Clinical Decision Making). Stuart B. Mushlin and Harry L. Green, Editors. Mosby, 2009.
8. **Chen SH**. “Corneal Abrasion” in Decision Making in Medicine: An Algorithmic Approach (Clinical Decision Making). Stuart B. Mushlin and Harry L. Green, Editors. Mosby, 2009.
9. **Chen SH**. “Dilated Pupil” in Decision Making in Medicine: An Algorithmic Approach (Clinical Decision Making). Stuart B. Mushlin and Harry L. Green, Editors. Mosby, 2009.
10. Tanhehco T, **Chen SH**. Pseudoexfoliation syndrome and cataract surgery. *Int Ophthalmol Clin.* 2010 Winter;50(1):81-93.
11. Shah AS, **Chen SH**. Cataract surgery and diabetes. *Curr Opin Ophthalmol.* 2010 Jan;21(1):4-9.
12. Borboli S, Greenstein SH, Kloek C. “Cataract tips from the teachers”. **Chen SH** and Pineda RP, Column Editors. EyeWorld, Sept 2011: 71-73.
13. Tsai LM, Cohen KL, Waxman EL. “Cataract tips from the teachers: learning to use the non-dominant hand” **Chen SH** and Pineda RP, Column Editors. EyeWorld, Oct 2011:89-90.

14. Ramanathan S, Thliveris A, Bagga, A. "Cataract tips from the teachers: what is the best way to practice a continuous curvilinear capsulorhexis" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Nov 2011:30-31.
15. Yung CR, Kolin T, Bailey RS. "Cataract tips from the teachers: instrument and microscope myopia: what's all the focus about?" **Chen SH** and Pineda RP, Column Editors, EyeWorld, Dec 2011:44-46.
16. Reisman J, Johnson AT, Chiu C. "Cataract tips from the teachers: practice makes perfect: but how in the wet lab?" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Jan 2012:58-59.
17. Aaron MM, Chopra V, MacDonald SM. "Cataract tips from the teachers: growing pains: when should an attending take over vs. letting a resident continue with the surgery?" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Feb 2012: 90-91.
18. Karp CL, Mian SI, Miller EG. "Cataract tips from the teachers: in the wake of a shake" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Mar 2012: 114-117.
19. Afshari N, Blackmon DM, Rowe S. "Cataract tips from the teachers: treading too lightly" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Apr 2012:66-68.
20. Oetting TA, Pyfer MF, Jeng BH. "Cataract tips from the teachers: the heavy hand" **Chen SH** and Pineda RP, Column Editors. EyeWorld, May 2012:54-55.
21. Daly MK, Naseri A, Henderson BA. "Cataract tips from the teachers: of synthetics and simulators, part 1." **Chen SH** and Pineda RP, Column Editors, EyeWorld, Jul 2012: 50-51.
22. Khalifa YM, Park L, Dunn JP. Daly MK, Naseri A, Henderson BA. "Cataract tips from the teachers: of synthetics and simulators, part 2, there's nothing like the real thing baby or is there?" **Chen SH** and Pineda RP, Column Editors, EyeWorld, Sept 2012.
23. delaCruz J, Metzinger RC, Ciralsky J. "Cataract tips from the teachers: the first cut is the deepest." **Chen SH** and Pineda RP, Column Editors. EyeWorld, Nov 2012.
24. Pineda RP, Ksiazek S. "Informed Consent: Not just a signature on a document." **Chen SH** and Pineda RP, Column Editors. EyeWorld, Feb 2013.
25. Banta JT, Gardiner M, Vann RR. "Measure twice, cut once." **Chen SH** and Pineda RP, Column Editors. EyeWorld, Apr 2013.
26. Avery B, Devgan U, Siracuse-Lee D. "Go with the flow!" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Jul 2013.

27. Bishop FM, Rosenberg M, Sauer S. "Rising to the occasion." **Chen SH** and Pineda RP, Column Editors. EyeWorld, Oct 2013.
28. Broocker G, Mohay J, Bloomer M. "Take it to the limit: a surgical training cataract dilemma." **Chen SH** and Pineda RP, Column Editors. EyeWorld, Dec 2013.
29. Krishnan D, Rhee MK, Urken S. "Elementary, my dear Watson! Now ready, aim, fire!" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Feb 2014.
30. Sikder S, Boghani S, Srur L. "Cataract tips from the teachers: The secret is in the sauce-don't blink!" **Chen SH** and Pineda RP, Column Editors. EyeWorld, Sept 2014.
31. **Chen SH**, Pineda R. "The Small Pupil" in Essentials of Cataract Surgery, 2<sup>nd</sup> edition, Bonnie Henderson, Editor. Thorofare, NJ: SLACK, 2014.
32. Hu WF, **Chen SH**. Advances in capsulorrhexis. *Curr Opin Ophthalmol*. 2018, in press

### **Books/Textbooks**

1. Henderson BA, Editor. Pineda R, Ament C, **Chen SH**, Kim J, Associate Editors. Essentials of Cataract Surgery, 1<sup>st</sup> Edition. Thorofare, NJ; SLACK, 2007.
2. Henderson BA, Editor. Pineda R, **Chen SH**, Associate Editors. Essentials of Cataract Surgery, 2<sup>nd</sup> Edition. Thorofare, NJ; SLACK, 2014.

### **Professional educational materials or reports, in print or other media**

1. **Chen SH**. Harvard Medical School Ophthalmology Resident Surgical Curriculum. 2005.

### **Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings**

1. **Chen SH**, Pineda R. Comparison of Mini-Flared 45° Kelman and Mini-Flared OZil 12 Tips in Resident and Attending Torsional Phaco Cases. American Society of Cataract and Refractive Surgeons, Annual Meeting 2008.
2. Borboli-Gerogiannis S, Simon SS, **Chen SH**, Chen TC. Refractive Outcomes after Cataract Surgery at an Academic Institution. American Society of Cataract and Refractive Surgeons, Annual Meeting 2013.