**Jessica S. Chen, MD**

1040 NW 22nd Ave. Suite 200, Portland, OR 97210

**Education**

**Devers Eye Institute** Portland, OR

Cornea Fellow July 2022

**Yale Ophthalmology** New Haven, CT

Resident June, 2021

**Yale Internal Medicine** New Haven, CT

Preliminary Resident June, 2018

**Yale School of Medicine** New Haven, CT

M.D. May, 2017

**Johns Hopkins University** Baltimore, MD

B.S. Molecular and Cellular Biology May, 2012

**Montgomery Blair High School**  Silver Spring, MD

Math, Science, Computer Science Magnet Program June, 2009

**Professional Experience**

**Devers Eye Institute** Portland, OR

Employee Expected September 2022

**Publications**

Ohm-Laursen, Line & Meng, Hailong & Chen, Jessica & Zhou, Julian & Corrigan, Chris & Gould, Hannah & Kleinstein, Steven. (2018). Local Clonal Diversification and Dissemination of B Lymphocytes in the Human Bronchial Mucosa. *Frontiers in Immunology. 9*. 1976. 10.3389/fimmu.2018.01976.

Chen, Jessica S., and Ron A. Adelman. “Hyperacuity Exam Screens for Choroidal Neovascularization in Age-Related Macular Degeneration on a Mobile Device.” *Ophthalmic Surg Lasers Imaging Retina*. 47.8 (2016): 708-715. doi: 10.3928/23258160-20160808-03. Web. PMID: 27548447.

Xu, Chaoying S., Jessica S. Chen, and Ron A. Adelman. “Video Game Use in the Treatment of Amblyopia: Weighing the Risks of Addiction.” *The Yale Journal of Biology and Medicine* 88.3 (2015): 309–317. Print. PMID: 26339215

**Abstracts, Posters, and Presentations**

Chen J, Bauer A, Snyder A, Straiko M, Terry M. The DMEK Learning Curve in Three Fellows. Poster presented at: The Association for Research in Vision and Ophthalmology; 2022 May 1-4; Denver, CO.

Chen J, Snyder A, Bauer A, Straiko M, Terry M. Does the Size and Duration of the Bubble in DMEK Surgery Affect the Attachment and Endothelial Cell Loss of the DMEK Graft? Abstract presented at: Cornea and Eye Banking Forum; 2021 November 12; New Orleans, LA.

Chen J, Bauer A, Terry M, Straiko M. Early Results From Ripasudil Treatment Following DMEK for Fuchs Dystrophy. Poster presented at: American Academy of Ophthalmology; 2021 November 12-15; New Orleans, LA.

Chen J, Tapley J, Bauer A, Straiko M, Terry M. Descemet Membrane Endothelial Keratoplasty Versus Descemet Stripping Automated Endothelial Keratoplasty for Failed Penetrating Keratoplasty. Best Paper of Session. Paper presented at: American Society of Cataract and Refractive Surgery; 2021 July 23-27; Las Vegas, NV.

Chen J, Tapley J, Bauer A, Straiko M, Terry M. Rate of Endothelial Cell Loss and Graft Survival in Descemet Membrane Endothelial Keratoplasty (DMEK) In Eyes Requiring a Rebubble. Paper presented at: American Society of Cataract and Refractive Surgery; 2021 July 23-27; Las Vegas, NV.

Chen J, Chow, J. A Machine Learning Approach to Risk Factors for Complex Cataract Surgery in the Maryland State Ambulatory Services Database. Poster presented at: American Society of Cataract and Refractive Surgery; 2020 May 16-17; Virtual Meeting

Wendy L, Chen J, Chow J. Trends in Penetrating Keratoplasty and Endothelial Keratoplasty in Maryland from 2010 to 2016. Poster presented at: The Association of Research in Vision and Ophthalmology; 2020 May 1-7; Baltimore, MD

Chen J. Grand Rounds: Primary Intraocular Lymphoma. NEOS, Boston, MA. November 2019.

Chen J, Benjamin Y, Chow J. AGREE Instrument Analysis of Clinical Practice Guidelines: Dry Eye, Bacterial Keratitis. Poster presented at: The Association of Research in Vision and Ophthalmology; 2019 April 28- May 2; Vancouver, BC. New England Residents and Fellows in Ophthalmology; 2019 September 6; Boston, MA. New York Academy of Medicine Ophthalmology Resident’s Night; 2019 May 21; New York City, NY.

Chen J, Ohm-Laursen L, Meng H, Zhou J, Corrigan C, Gould H, Kleinstein, S. Local Clonal Diversification and Dissemination of B Lymphocytes in the Human Bronchial Mucosa. Poster presented at: Yale Student Research Day; 2016 April 26; New Haven, CT.

Chen J, Adelman, RA. A Hyperacuity Ipad App Screens for Choroidal Neovascularization in Age-Related Macular Degeneration. “Hot Topic” Poster presented at: The Association for Research in Vision and Ophthalmology; 2015 May 3-7; Denver, CO 2015 Poster Presentation “Hot Topic”

**Honors and Awards**

ASCRS Best Paper of Session: Cornea Procedures and Outcomes – DMEK July 23-27, 2021

Yale University School of Medicine Short Term Research Fellowship August, 2016

Farr Scholar for Excellence in Research May, 2015

Yale University School of Medicine Medical Student Research Fellowship May, 2014

Yale International Clinical Elective Travel Fellowship: Mettapracharak Hospital, Thailand January, 2017 – March, 2017

NCIIA BMEidea 2010 1st place ($10,000 prize) November, 2009

JHU Design Day 2nd place ($3,000 prize) November, 2009

JHU Business Plan Competition Semifinalists ($250 prize) November, 2009

**Leadership Positions**

**Yale New Haven Medical Center Graduate Medical Education Committee; New Haven, CT** July, 2019 – July 2020

**Yale New Haven Hospital Residency Wellness Council Member; New Haven, CT** October, 2017 – June, 2018

**Ophthalmology Interest Group Co-Leader; New Haven, CT** May, 2014 – June, 2017

**Skills**

Languages: Conversational Mandarin Chinese, limited Spanish

Programming: Java, R, Matlab, Minitab, Stata

Biocomputational Methods: Repertoire Sequencing Toolkit (pRESTO), Models of Somatic Hypermutation (SHM)