



Ira Schachar, MD, MSc

Assistant Professor of Ophthalmology at the Stanford University Medical Center

CLINICAL OFFICES

- **Santa Clara Valley Medical Center Dept of Ophthalmology**

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Bio

BIO

Dr. Schachar is a board-certified ophthalmologist and vitreoretinal surgeon. He spends his clinical time helping the underserved population at Santa Clara Valley Medical Center. It is there that Dr. Schachar treats some of the most challenging conditions facing ophthalmologists today. He has expertise in the areas of ocular complications of diabetes, retinal detachments, and uveitis. In addition to his adult patients, Dr. Schachar screens and treats premature infants at Lucile Packard Children's Hospital who are at risk for retinopathy for prematurity. His overarching goal is to capitalize on the most advanced surgical techniques, laser treatments, and drug therapies to minimize patient discomfort, accelerate healing, and maximize long-term outcomes.

When Dr. Schachar is not seeing patients, he is working to advance the field of ophthalmology through translational research. His basic science research is primarily dedicated towards mechanisms to increase the duration of action and enhance the effectiveness of antibodies, such as Avastin, Lucentis, and Eylea, which are injected into the eye. Separately, he is refining surgical implants for the treatment of presbyopia and is a co-founder and board member of Vitrean, Inc., a pharmaceutical company developing novel treatments for retinal detachments.

Biography:

Dr. Schachar graduated Summa Cum Laude with a Bachelor of Science in Mathematics from Duke University. From there he traveled to Oxford, where he received a master's degree in biology. He attended the premier Washington University School of Medicine in St. Louis where he was inducted into the AOA Honor Medical Society. After graduating from medical school, he went on to complete his Medical Internship at the prestigious Brigham and Women's Hospital in Boston and then completed his Ophthalmology residency at the world renown University of Michigan in Ann Arbor. During residency, he received numerous awards related to teaching, research, and clinical expertise. He then completed his fellowship training in vitreoretinal surgery at Stanford University.

In addition to these accomplishments, Dr. Schachar has an appreciation for underappreciated hobbies. Some of his favorites are card magic, juggling, yo-yoing, and collecting insects.

CLINICAL FOCUS

- Ophthalmology

- Vitreoretinal Diseases
- Diabetic Retinopathy
- Retinal Detachment
- Retinopathy of Prematurity

ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Ophthalmology

PROFESSIONAL EDUCATION

- Residency: University of Michigan Dept of Ophthalmology (2014) MI
- Board Certification: Ophthalmology, American Board of Ophthalmology (2015)
- Fellowship: Stanford Health Services - Ophthalmology CA
- Internship: Brigham and Women's Hospital Harvard Medical School (2011) MA
- Medical Education: Washington Univ School Of Med (2010) MO

Teaching

COURSES

2020-21

- Clinical Topics in Ophthalmology: OPHT 201 (Aut)
- Clinical Topics in Ophthalmology: OPHT 202 (Spr)
- Elective in Ophthalmology: OPHT 398A (Aut)
- Introduction to Ophthalmology Clerkship: OPHT 301A (Aut)
- Ophthalmology Clerkship: OPHT 300A (Aut)

2019-20

- Clinical Topics in Ophthalmology: OPHT 201 (Aut, Win, Spr)
- Clinical Topics in Ophthalmology: OPHT 202 (Spr)
- Elective in Ophthalmology: OPHT 398A (Aut)
- Introduction to Ophthalmology Clerkship: OPHT 301A (Aut)
- Ophthalmology Clerkship: OPHT 300A (Aut)

2018-19

- Clinical Topics in Ophthalmology: OPHT 201 (Aut, Win, Spr)
- Clinical Topics in Ophthalmology: OPHT 202 (Spr)
- Elective in Ophthalmology: OPHT 398A (Aut)
- Introduction to Ophthalmology: OPHT 301A (Aut)
- Ophthalmology Clerkship: OPHT 300A (Aut)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Quanqing Helen Gao

Publications

PUBLICATIONS

- **Surgical timing and presence of a vitreoretinal fellow on postoperative adverse events following pars plana vitrectomy.** *European journal of ophthalmology*
Shields, R. A., Ludwig, C. A., Powers, M. A., Tijerina, J. D., Schachar, I. H., Moshfeghi, D. M.
2018; 1120672118811980
- **A spectrum of regression following intravitreal bevacizumab in retinopathy of prematurity.** *American journal of ophthalmology*
Chen, T. A., Shields, R. A., Bodnar, Z. H., Callaway, N., Schachar, I. H., Moshfeghi, D. M.
2018
- **Progressive Reductions in Acuity Occur even within the First Three Days After a Macula-Off Retinal Detachment**
Greven, M., Leng, T., Leung, L., Moshfeghi, D. M., Sanislo, S., Silva, R., Schachar, I.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **Mechanisms of electrical vasoconstriction** *JOURNAL OF NEUROENGINEERING AND REHABILITATION*
Brinton, M., Mandel, Y., Schachar, I., Palanker, D.
2018; 15: 43
- **Outcomes of Intravitreal Bevacizumab and Diode Laser Photocoagulation for Treatment-Warranted Retinopathy of Prematurity** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Chen, T. A., Schachar, I. H., Moshfeghi, D. M.
2018; 49 (2): 126–31
- **Chronic Vascular Arrest as a Predictor of Bevacizumab Treatment Failure in Retinopathy of Prematurity.** *Ophthalmology*
Toy, B. C., Schachar, I. H., Tan, G. S., Moshfeghi, D. M.
2016; 123 (10): 2166-2175
- **Multi-Modal Longitudinal Evaluation of Subthreshold Laser Lesions in Human Retina, Including Scanning Laser Ophthalmoscope-Adaptive Optics Imaging.** *Ophthalmic surgery, lasers & imaging retina*
Wood, E. H., Leng, T., Schachar, I. H., Karth, P. A.
2016; 47 (3): 268-275