

Stanford



Carolyn Pan, MD

Clinical Assistant Professor, Ophthalmology

CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Dr. Pan is a board-certified ophthalmologist and fellowship-trained vitreoretinal surgeon. She focuses on retinal vascular diseases, macular degeneration, and surgical repair of retinal detachments, macular pathology, and complications from cataract surgery. She has co-authored peer-reviewed articles on topics ranging from optical coherence tomography imaging to embryonic stem cells for macular degeneration.

In addition to her clinical practice, she is dedicated to the education and training of medical students, residents, and fellows. As recognition of her efforts, she received the Faculty Teaching Award in 2016 from the Byers Eye Institute at Stanford University.

Dr. Pan's clinical practice is mainly based at Santa Clara Valley Medical Center, where she serves as chief of the retina service.

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Ophthalmology
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director of Outreach Services, Stanford University, Department of Ophthalmology, Retina Division, (2017- present)
- Director, Retinal Imaging Conference, Stanford University, Department of Ophthalmology, (2013- present)
- Chief, Vitreoretinal Diseases and Surgery, Santa Clara Valley Medical Center, (2013- present)

HONORS AND AWARDS

- AAMC Early Career Women Faculty Leadership Development Seminar, AAMC (2019)
- Faculty Teaching Award, Byers Eye Institute at Stanford University (2016)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Special Projects Committee, Retina/Uveitis representative, America Academy of Ophthalmology (2015 - present)
- President, Peninsula Eye Society (2018 - present)

- Diplomate, American Academy of Ophthalmology (2012 - present)
- Member, American Society of Retina Specialists (2018 - present)
- Member, Alpha Omega Alpha Honor Medical Society (2006 - present)
- Member, Women in Ophthalmology (2018 - present)

PROFESSIONAL EDUCATION

- Fellowship, University of California Los Angeles, David Geffen School of Medicine, Jules Stein Eye Institute , Vitreoretinal Diseases and Surgery (2013)
- Residency, University of Colorado, Department of Ophthalmology , Ophthalmology (2011)
- Internship, The Jewish Hospital of Cincinnati , Internal Medicine (2008)
- M.D., Wayne State University School of Medicine (2007)
- B.S., Massachusetts Institute of Technology , Chemical Engineering (2003)

Publications

PUBLICATIONS

- **ENDOGENOUS KLEBSIELLA PNEUMONIAE ENDOPHTHALMITIS IN NORTHERN CALIFORNIA.** *Retina (Philadelphia, Pa.)*
Shields, R. A., Smith, S. J., Pan, C. K., Do, D. V.
2019; 39 (3): 614–20
- **ENDOGENOUS KLEBSIELLA PNEUMONIAE ENDOPHTHALMITIS IN NORTHERN CALIFORNIA** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Shields, R. A., Smith, S. J., Pan, C. K., Do, D. V.
2019; 39 (3): 614–20
- **Baseline characteristics associated with good visual acuity outcomes in myopic choroidal neovascularization: results from the RADIANCE trial**
Pan, C., Do, D. V., Hill, L., Ecoiffier, T., Stoilov, I.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **POLYPOIDAL CHOROIDAL VASCULOPATHY: A CLINICOPATHOLOGIC STUDY.** *Retinal cases & brief reports*
Moussa, K., Bloomer, M. M., Schwartz, D. M., Pan, C. K., Toy, B. C., Crawford, J. B., Afshar, A. R.
2017; 11 Suppl 1: S128–S131
- **Smartphone-Based Tele-Ophthalmology Screening for Diabetic Retinopathy**
Toy, B. C., Prabhu, M., Pan, C., Leung, L., Blumenkranz, M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2016
- **SMARTPHONE-BASED DILATED FUNDUS PHOTOGRAPHY AND NEAR VISUAL ACUITY TESTING AS INEXPENSIVE SCREENING TOOLS TO DETECT REFERRAL WARRANTED DIABETIC EYE DISEASE** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
Toy, B. C., Myung, D. J., He, L., Pan, C. K., Chang, R. T., Polkinhorne, A., Merrell, D., Foster, D., Blumenkranz, M. S.
2016; 36 (5): 1000-1008
- **Spontaneous Resolution of Clinically Apparent Submacular Fluid After Scleral Buckling Surgery** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Lin, W., Pan, C. K., Tsui, I.
2014; 45 (5): 474–77
- **Morphologic features and evolution of inner retinal dimples on optical coherence tomography after internal limiting membrane peeling.** *Retina (Philadelphia, Pa.)*
Amouyal, F., Shah, S. U., Pan, C. K., Schwartz, S. D., Hubschman, J. P.
2014; 34 (10): 2096–2102
- **Embryonic stem cells as a treatment for macular degeneration.** *Expert opinion on biological therapy*
Pan, C. K., Heilweil, G., Lanza, R., Schwartz, S. D.
2013; 13 (8): 1125–33
- **Peripheral fluorescein angiographic findings in fellow eyes of patients with branch retinal vein occlusion.** *International journal of inflammation*

Tsui, I., Bajwa, A., Franco-Cardenas, V., Pan, C. K., Kim, H. Y., Schwartz, S. D.
2013; 2013: 464127

● **Ocriplasmin for Vitreoretinal Diseases** *JOURNAL OF BIOMEDICINE AND BIOTECHNOLOGY*

Tsui, I., Pan, C. K., Rahimy, E., Schwartz, S. D.
2012: 354979

● **Embryonic stem cell trials for macular degeneration: a preliminary report.** *Lancet (London, England)*

Schwartz, S. D., Hubschman, J. P., Heilwell, G., Franco-Cardenas, V., Pan, C. K., Ostrick, R. M., Mickunas, E., Gay, R., Klimanskaya, I., Lanza, R.
2012; 379 (9817): 713–20

● **Comparison of Long-Acting Bevacizumab Formulations in the Treatment of Choroidal Neovascularization in a Rat Model** *JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS*

Pan, C. K., Durairaj, C., Kompella, U. B., Agwu, O., Oliver, S. C., Quiroz-Mercado, H., Mandava, N., Olson, J. L.
2011; 27 (3): 219-224