Stanford



Shazia Dharssi, MD

Clinical Assistant Professor, Ophthalmology

CLINICAL OFFICE (PRIMARY)

- **Byers Eye Institute in Livermore**
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Bio

BIO

Dr. Shazia Dharssi is a board-certified ophthalmologist and fellowship-trained oculoplastic and reconstructive surgeon with Stanford Health Care. She is also a clinical assistant professor in the Department of Ophthalmology, Division of Ophthalmic Plastic and Reconstructive Surgery at Stanford University School of Medicine.

Dr. Dharssi specializes in diagnosing and treating conditions that affect the eyelid and surrounding structures of the orbit. She specializes in advanced oculoplastic and reconstructive surgery, including both functional and cosmetic eyelid surgery, tear duct surgery, and orbital surgeries. Her expertise also includes diagnosing and treating facial nerve palsy, ptosis, thyroid eye disease, ocular cancers, and skin cancer that affects the eyes. Dr. Dharssi is dedicated to providing personalized, high-quality care to achieve the best possible outcomes for her patients.

Dr. Dharssi's research focuses on applying deep learning and related computational tools to improve the diagnosis and treatment of ocular diseases, including age-related macular degeneration. She is particularly interested in developing technologies that enhance precision, efficiency, and patient outcomes in ophthalmic care. Her long-term goal is to integrate these innovations into the field of oculoplastic surgery to advance both functional and reconstructive outcomes.

Dr. Dharssi has published her research in peer-reviewed journals, such as Ophthalmic Epidemiology, Ophthalmic Plastic & Reconstructive Surgery, Journal of Academic Ophthalmology, and Ophthalmology. She has presented to her peers at international and national meetings, including the American Academy of Ophthalmology (AAO), the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS), the Association for Research in Vision and Ophthalmology (ARVO), and Women in Ophthalmology (WIO).

Dr. Dharssi is a candidate member of ASOPRS and a member of AAO, ARVO, and WIO.

CLINICAL FOCUS

- Ophthalmic Plastic and Reconstructive Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Ophthalmology

HONORS AND AWARDS

- Bartley Frueh, MD, Award for YASOPRS Presentation, American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Foundation
- Housestaff Teaching Award, Johns Hopkins Wilmer Eye Institute (2022, 2023)
- NIH Medical Research Scholar Program,, National Eye Institute
- Richard Green Housestaff Teaching Award, Johns Hopkins School of Medicine
- Stephen J. Ryan, M.D. Prize in Ophthalmology, Johns Hopkins School of Medicine
- Women's Board Scholarship Recipient, Johns Hopkins School of Medicine

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Candidate Member, American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) (2023 - present)
- Member, American Academy of Ophthalmology (AAO) (2018 - present)
- Member, Association for Research in Vision and Ophthalmology (ARVO) (2018 - present)
- Member, Women in Ophthalmology (2021 - present)

PROFESSIONAL EDUCATION

- Board Certification: Ophthalmology, American Board of Ophthalmology (2025)
- Fellowship: Johns Hopkins University Ophthalmology Fellowships (2025) MD
- Residency: Johns Hopkins University School of Medicine (2023) MD
- Internship: MountainView Hospital Transitional Year (2020) NV
- Medical Education: Johns Hopkins University School of Medicine (2019) MD

Publications

PUBLICATIONS

- **Epidemiology of Orbital and Preseptal Cellulitis in the United States: A 13-Year Analysis.** *Ophthalmic epidemiology*
  Dharssi, S., Taneja, K., Rajaii, F.
  2025; 32 (5): 553-560

- **Inflammatory Markers as Predictors of Orbital Infection Severity.** *Ophthalmic plastic and reconstructive surgery*
  Gibbons, A., Cherkas, E., Kaur, M., Dharssi, S., Elsharawi, R., Ashraf, D. C., Li, E.
  2025; 41 (5): 530-534

- **Crystalline lens dislocation as a presenting sign of Streptococcus pyogenes invasive infections**
  Liberman , P., Light , J., Howard , T., Lu , J., Simner , P., Carroll , K., Ho , C.
  Access Microbiology.
  2025

- **Autoimmune Antibodies in Thyroid Eye Disease**
  Dharssi , S., Rosas-Gonzalez , M., Rajaii , F.
  Advances in Ophthalmology and Optometry.
  2025 277-295

- **Multiple Retinal Emboli and Medial Canthal Swelling Following Injection of Acellular Porcine Urinary Bladder Matrix for Hair Restoration.** *Ophthalmic plastic and reconstructive surgery*
  Schultz, H., Dharssi, S., Bacorn, C., Priluck, A. Z., Cai, S., Mahoney, N. R.
  2023; 39 (4): e126-e128

- **Ophthalmic applicant perceptions of two residency application services: the San Francisco Match Central Application Service and Electronic Residency Application Service**
  Dharssi , S., Woreta , F., Boland , M.
  Journal of Academic Ophthalmology.
  2021

- **Objective resident characteristics associated with performance on the Ophthalmic Knowledge Assessment Program Examination**
  Fliotsos , M., Zafar , S., Dharssi, S., Srikumaran, D., Chow , J., Singman , E., Woreta , F.
  Journal of Academic Ophthalmology.
  2021

- **A Deep Learning Approach for Automated Detection of Geographic Atrophy from Color Fundus Photographs.** *Ophthalmology*
  Keenan, T. D., Dharssi, S., Peng, Y., Chen, Q., Agrón, E., Wong, W. T., Lu, Z., Chew, E. Y.
  2019; 126 (11): 1533-1540

- **A multi-task deep learning model for the classification of Age-related Macular Degeneration.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Chen, Q., Peng, Y., Keenan, T., Dharssi, S., Agro N, E., Wong, W. T., Chew, E. Y., Lu, Z.
  2019; 2019: 505-514

- **DeepSeeNet: A Deep Learning Model for Automated Classification of Patient-based Age-related Macular Degeneration Severity from Color Fundus Photographs.** *Ophthalmology*
  Peng, Y., Dharssi, S., Chen, Q., Keenan, T. D., Agrón, E., Wong, W. T., Chew, E. Y., Lu, Z.
  2019; 126 (4): 565-575

- **Text Mining for Drug Discovery.** *Methods in molecular biology (Clifton, N.J.)*
  Zheng, S., Dharssi, S., Wu, M., Li, J., Lu, Z.
  2019; 1939: 231-252

- **Improved partial volume correction method for detecting brain activation in disease using Arterial Spin Labeling (ASL) fMRI.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*
  Bruening, D. E., Dharssi, S., Lazar, R. M., Marshall, R. S., Asllani, I.
  2015; 2015: 5441-4