

Jessica Steen OD, FAAO, Dipl. ABO

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Professional Position

Associate Professor
Director, Glaucoma Service, The Eye Care Institute
Coordinator, Ocular Disease Residency
Director, Alumni Relations and Advancement
Nova Southeastern University College of Optometry
3200 South University Drive
Fort Lauderdale, Florida 33328

Education

Primary Care with Emphasis in Ocular Disease
Optometry Resident
Nova Southeastern University College of Optometry
Fort Lauderdale, Florida

University of Waterloo School of Optometry and Vision Science
Waterloo, Ontario, Canada
Doctor of Optometry (Dean's Honours List)

University of Regina
Regina, Saskatchewan, Canada
Major in Biology

Teaching

Instructor of Record
Ocular Pharmacology
Diagnosis, Pharmacological, & Interventional Management of Glaucoma

Textbook Chapters

Sowka J, **Steen J**, Caldwell G. 2021. Optical coherence tomography in glaucoma diagnosis; Chapter 1. *Advances in Ophthalmology and Optometry Volume 6*. Yanoff (Ed). Elsevier Health Sciences.

Highlighted Publications

Steen J, Ardali M, Kiefer R, Abid M, Amjadian E. Assessment of retinal vasculature for glaucoma detection: a comparative analysis of human expertise and deep learning algorithms. *Invest. Ophthalmol. Vis. Sci.* 2024;65:1865.

Steen J, Kiefer R, Ardali M, Abid M, Amjadian A. Standardized and Open-Access Glaucoma Dataset for Artificial Intelligence Applications. *Invest. Ophthalmol. Vis. Sci.* 2023;64:384.

Amjadian E, Ardali M, Kiefer R, Abid M, **Steen J**. Ground truth validation of publicly available datasets utilized in artificial intelligence models for glaucoma detection. *Invest. Ophthalmol. Vis. Sci.* 2023;64:392.

Becker B, **Steen J**, Gold AS, Murray TG. Circumscribed Choroidal Hemangioma Simulating Choroidal Melanoma on Advanced Ultrawide-Field Pseudocolor Retinal Imaging: A Case Series. *Ophthalmic Surg Lasers Imaging Retina*. 2023;54:292-296.

Rodman J, Prete B, **Steen J**, Shechtman D. Variability in Presentation of Bilateral Vitreomacular Traction. *Optom Vis Sci*. 2016;93:310-7.

Shechtman DL, Gold AS, McIntosh S, **Steen J**, Murray TG. Atypical Exophytic Retinal Capillary Hemangioma and Diagnostic Modalities. *Optom Vis Sci*. 2016;93:107-12.

Masters Theses Supervised

Master of Science in Computer Science, Florida Polytechnic University, Graduate Thesis Committee Member