

Stephen Andrew Gollance, MD

EDUCATION:

July 2002 – June 2005 **Resident in Ophthalmology (PGY-2 through PGY-4).**

The Institute of Ophthalmology and Visual Sciences, New Jersey Medical School, Newark, New Jersey.

July 2000 – June 2001 **Post-Doctoral Fellowship in Eye Pathology.**

The Wilmer Ophthalmological Institute, Johns Hopkins Medical Institutions, Baltimore, Maryland.

July 1999 – June 2000 **Preliminary Year (PGY-1) in Internal Medicine.**

Morristown Memorial Hospital, Morristown, New Jersey.

Sept 1995 - June 1999 **M.D.** (Doctor of Medicine Degree)

Sackler School of Medicine-New York State/American Program, Tel Aviv University, Ramat Aviv, ISRAEL.

Sept 1990 – June 1994 **B.S.** in Biology-Chemistry, Minor in History.

Union College, Schenectady, NY.

EMPLOYMENT / RESEARCH EXPERIENCE:

July 1, 2005 - present **Associate Physician**

Eye Associates of Wayne P.A. Wayne New Jersey. A clinician specializing in general ophthalmology, glaucoma, cataract surgery, and refractive surgery. On faculty as an Attending Physician at Newark Eye and Ear Infirmary (Clara Maass Medical Center) and Chilton Memorial Hospital.

July 2001 – June 2002 **Research Assistant**, Glaucoma Division,

The Institute of Ophthalmology and Visual Sciences, New Jersey Medical School, Newark, New Jersey, Robert D. Fechtner, M.D. Research presented at the ARVO and Wilmer Residents Associations Meetings (see Publications and Abstracts/Meeting Presentations section below).

July 2000 – June 2001 **Post-Doctorate Fellowship in Ocular Pathology**

Johns Hopkins University School of Medicine, The Wilmer Ophthalmological Institute, Baltimore, MD, W. Richard Green, M.D. Interpreted histopathological interpretation of eye pathology specimens and preformed research (see Publications section below).

Aug 1994-Aug 1995 **Research Assistant**

The Robert Wood Johnson Medical School Department of Pharmacology, Piscataway, NJ, Edward T. Browning, Ph.D. Project involved mapping phosphorylation sites on intermediate filament proteins extracted from cultured human astrocytes. Work involved protein purification and characterization via SDS-PAGE, HPLC, and automated sequencing.

June 1993-August 1993 **Research Fellowship**

Union College, Schenectady, NY, John Sowa, Ph.D. Performed synthesis of poly-beta-hydroxy-alkanoates using P. oleovorans. Developed protocol for efficient production and harvesting of polyester using microbiological techniques.

PUBLICATIONS:

Choroidal vascular occlusion in a child with a connective tissue disease and complement C4 deficiency. Ghazi NG, Gollance SA, Green WR. *Ophthalmology*. 2002 Jul;109(7):1272-7.

The uniocular drug trial and second-eye response to glaucoma medications. Realini T, Fechtner RD, Atrides SP, Gollance S. *Ophthalmology*. 2004 Mar;111(3):421-6.

The Proview phosphene tonometer fails to measure ocular pressure accurately in clinical practice. Alvarez TL, Gollance SA, Thomas GA, Greene RJ, Marchetto PM, Moore EJ, Realini T, Liebmann JM, Ritch R, Lama P, Fechtner RD. *Ophthalmology*. 2004 Jun;111(6):1077-85.

Uniocular drug trials: Author reply. Realini T, Fechtner RD, Gollance S, Atrides SP
Ophthalmology - 2004 Dec;111(12):2315-2316.

ABSTRACTS/MEETING PRESENTATIONS:

Aplasia of the Vortex Veins: A New Etiologic Possibility for Idiopathic Uveal Effusion Syndrome. S.A. Gollance, R. Radhakrishnan, M.A. Zarbin, N. Bhagat. Invest. Ophthalmol. Vis. Sci. 2005 46: E-Abstract 5576.

Is Raynaud's Phenomenon a Risk Factor for Non-Arteritic Ischemic Optic Neuropathy? S.A. Gollance, L.P. Frohman, R.A. Grigorian, R.E. Turbin, M.S. Roy, L.J. Bielory. Invest. Ophthalmol. Vis. Sci. 2004 45: E-Abstract 1590.

An Improved Method of Analyzing Polarimetry Measurements for Detecting Glaucoma: A Wavelet-Fourier Analysis Method Derived on GDx-VCC Polarimetry Data. E.A. Essock, Y.Zheng, R.D. Fechtner, J.M. Liebmann, S.Gollance. Invest. Ophthalmol. Vis. Sci. 2003 44: E-Abstract 3378.

Clinical Evidence of Limited Effectiveness of a Phosphene Method for Ocular Pressure Measurement. S.A. Gollance, R.D. Fechtner, T.Realini, J.M. Liebmann, R.Ritch, P.J. Lama, E.Buroff, T.L. Alvarez, R.J. Greene, G.A. Thomas. Invest. Ophthalmol. Vis. Sci. 2003 44: E-Abstract 2186.

Clinical Evidence of Limited Effectiveness of a Phosphene Method for Ocular Pressure Measurement. Stephen A. Gollance M.D., Robert D. Fechtner M.D., Paul Lama M.D., Gordon A. Thomas Ph.D., Tara L. Alvarez Ph.D., Richard J. Greene M.D.,Ph.D., Tony Realini M.D., Jeffrey M. Liebmann M.D., and Robert Ritch M.D. The Wilmer Residents Association Meeting, April 25 2003, Johns Hopkins University, Baltimore, Maryland.

A Clinical Comparison of the Proview Eye Pressure Monitor with the Goldmann Applanation Tonometer in Healthy Eyes. S.A. Gollance, A.D. Realini, P.J. Lama, R.D. Fechtner. The Wilmer Residents Association Meeting, May 17-18 2002, Johns Hopkins University, Baltimore, Maryland.

Frequency of Contraindications to the Use of Ocular Beta-blockers in Patients at a University General and Glaucoma Eye Clinic. P.J. Lama, S.Agarwal, S.S. Plasner, S.A. Gollance, R.D. Fechtner. Invest. Ophthalmol. Vis. Sci. 2002 43: E-Abstract 4077.

Clinical Comparison of the Proview™ Eye Pressure Monitor with Goldmann Applanation Tonometry in Healthy Eyes. S.A. Gollance, R.D. Fechtner, A.D. Realini, E.Buroff, P.R. D'Amato, P.J. Lama, R.Greene, G.Thomas. Invest. Ophthalmol. Vis. Sci. 2002 43: E-Abstract 1067.

Does the Uniocular Drug Trial Predict Second-eye Response to Glaucoma Medications? A.D. Realini, R.D. Fechtner, S.-P.A. Atrides, S.Gollance. Invest. Ophthalmol. Vis. Sci. 2002 43: E-Abstract 281.

AWARDS, FELLOWSHIPS:

June 2005 Recipient of Irving Shulman, M.D. Memorial Award for Exemplary Compassion and Medical Expertise, The Childrens Eye Care Center of New Jersey.

June 2003 Recipient of the Lions Eye Research Foundation Resident Research Award, The Institute of Ophthalmology and Visual Sciences, New Jersey Medical School, Newark, New Jersey.

May 2003 Recipient of an ARVO/National Eye Institute Travel Fellowship Grant

June 1994 Graduated *cum laude* with Departmental Honors in Biology, Union College, Schenectady, NY.

May 1994 Inducted into Sigma Xi Honor's Research Society.

1991-1994 Dean's List, Union College, Schenectady, NY.

Summer 1993 Research Fellowship, Union College, Schenectady, NY

PROFESSIONAL ORGANIZATIONS:

Associate Member of Sigma Xi Honors Research Society.
Member of the Wilmer Residents Association.
Member of the American Academy of Ophthalmology

INTERESTS/HOBBIES:

Skiing, cycling, golf, guitar, scuba diving, backpacking/camping, chess, photography.