

September 1, 2008

Elliott H. Myrowitz, OD, MPH

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

Johns Hopkins University School of Medicine

July 1, 2002 to present Assistant Professor, Department of Ophthalmology

Personal Data

Office Address: Wilmer Eye Institute at Green Spring Station
10753 Falls Road, Suite 455
Lutherville, Maryland 21093
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Education and Training

Undergraduate

1971-74 University of Maryland, College Park

1975 Bachelor of Science, Pennsylvania College of Optometry

Doctoral

1978 Doctor of Optometry, Pennsylvania College of Optometry

Postdoctoral

1979 Master of Public Health, The Johns Hopkins University School of Hygiene and Public Health

Professional Experience

1974-1978 Research Assistant to the Public Health Department, Pennsylvania College of Optometry

1980-1982 Optometric Consultant, Maryland State Department of Correctional Services

1980-1989 Full Time Staff Optometrist, Department of Ophthalmology, Sinai Hospital, Baltimore, Maryland

1989 - present Team Optometrist Baltimore Orioles Major and Minor Leagues

1989-1992 Private Practice Optometry, Pikesville, Maryland

- 1989-1992 Part Time Optometrist, Patuxent Medical Group
- 1992-1998 Full Time Optometrist, Patuxent Medical Group, Annapolis, Md.
- 1998-2002 Instructor, Wilmer Eye Institute, The Johns Hopkins Medical School.
- 2002 - present Assistant Professor, Wilmer Eye Institute, The Johns Hopkins Medical School
- 2007 - present Chief, Wilmer Eye Institute Optometric Service

RESEARCH ACTIVITIES

Publications, Peer-Reviewed Original Research

1. **Myrowitz EH.** A recent explanation of the entopic phenomenon Haidinger's brushes and its clinical application. *Am J Optom Physiol Opt.* 1979 May; 56 (5):305-308.
2. Brodsky L, **Myrowitz EH.** Motorist visibility of the Surgeon General's smoking warning on cigarette billboards. *Am Journal Optom Physiol Opt.* 1981 Feb;(2):117-24.
3. **Myrowitz EH,** Pearlman P, Goldberg HK. A case of Pseudomonas keratitis in soft contact lens wearer using contaminated chemical disinfection solution. *Contact Intraocular Med J.* 1981 Oct-Dec;7(4):337-8.
4. **Myrowitz EH.** A public health perspective on vision screening. *The Am J Optom Physiol Opt.* 1984 Jun;61 (6):359-60.
5. Ruskiewicz JP, Godio L, **Myrowitz EH,** France L. Cost and quality implications of changes in tonometry by Optometrists. *J Am Optom Assoc.* 1983 Apr;54(4):339-44
6. **Myrowitz EH,** Melia M, O'Brien TP. The relationship of long term contact lens wear and corneal thickness. *CLAO J* 2002 Oct; 28(4):217-20.
7. Jabbur NS, **Myrowitz EH,** Wexler JL, O'Brien TP. Outcome of second surgery in LASIK cases aborted due to flap complications. *J Cataract Refract Surg.* 2004 May;30(5):993-9.
8. **Myrowitz EH,** O'Brien TP. Effect of contact lens use on corneal thickness measurements. *J Cataract Refract Surg.* 2004 Jun;30(6):1154
9. **Myrowitz EH,** Kouzis AC, O'Brien TP. High interocular symmetry in average simulated keratometry, central thickness, and posterior elevation. *Optom Vis Sci* 2005 May;82:428-31.

10. Hindman HB, McCally RL, **Myrowitz EH**, Terry MA, Stark WJ, Weinberg RS, Jun AS. Evaluation of deep lamellar endothelial keratoplasty surgery using scatterometry and wavefront analyses. *Ophthalmology* 2007 April 17
11. **Myrowitz EH**, Ren S, Chuck RS. Comparison of central corneal thickness measured with four pachymeters. *Eye and Contact Lens*, 2007 May; 33(3) 156-160.
12. **Myrowitz EH**. Laser-assisted intrastromal keratomileusis in a Patient with Systemic Mastocytosis. *Optometry*. 2008 Feb;79(2):95-7.

Extramural Funding

Active

1. Fall 2007. Evaluation of Pataday (Olopatadine 0.2%) in atopic patients with contact lens intolerance. Johns Hopkins IRB 12383 Role: Principal Investigator
2. Fall 2007. Visual performance in Dry Eye patients. Johns Hopkins IRB 15086 Role: Principal Investigator
3. Summer 2008. Study of Health, Emotional Well-Being and LASIK (HEaL Study) Johns Hopkins IRB 17402 Role: Co-Investigator.
4. Fall 2008. A multi-center evaluation of Cooper Vision's Avaira daily wear soft Contact lens sphere versus Vistakon's Oasys spherical daily wear soft contact lens Johns Hopkins IRB 19075 Role: Co-Investigator.
5. Fall 2008. Post approval study of CustomVue LASIK for monovision with the Star S4 IR excimer laser system. Johns Hopkins IRB 19367 Role: Co-Investigator

Previous

4. Fall 2006. Comparison of Restasis versus artificial tears in patients with contact lens intolerance due to discomfort from dryness: A randomized clinical trial. Johns Hopkins IRB 6002 Role: Principal Investigator.
5. Spring 2006. Wavescan guided LASIK for the treatment of high myopic patients with VISX Star IT excimer laser system. Role: Co- Investigator.
6. Spring 2006. Chakshu Ck-0103, eyedrop study for loss of contrast sensitivity in patients with nuclear sclerotic cataracts. Role: Sub-Investigator.
7. Fall 2006. Scatterometry and Wavefront data in corneal refractive surgery patients. Role: Sub-Investigator,

8. Fall 1979.U.S.A.I.D. Epidemiological Survey of Vision Impairment in Leogane, Haiti.
9. 1976-1977. Beta Sigma Kappa National Student Research Grant, “Scintillating Patterns of Coherent Light and the Retinitis Pigmentosa Patient.”

EDUCATIONAL ACTIVITIES

Publications, Other

1. Reestablished and became editor of PROBA, a research activities newsletter Pennsylvania College of Optometry 1976-1977.
2. Myrowitz, EH. Design and Evaluation of Contact Lenses. Manual designed for ophthalmology residents. November, 2005; 1-24.
3. Myrowitz, EH. Co-management of corneal refractive surgery. Maryland Optometry Board of Examiners. June 2007: 1-3
4. Myrowitz, EH. Advanced studies in contact lens care and ocular health. Johns Hopkins Advanced Studies in Ophthalmology, CME Monograph. and at www.JHASIO.com May 2008

Teaching

Classroom Instruction

1. 1980 – 1982. Visiting Lecturer in Epidemiology, Pennsylvania College of Optometry. E. Myrowitz course director, Epidemiology for Optometrists.
2. 2006 – present. Contact lens design and clinical care. Wilmer residents lecturer.
3. 2007 - present Corneal refractive surgery. Wilmer residents lecturer

Clinical Instruction

1. 1987 – 1990. Adjunct Faculty, Pennsylvania College of Optometry 4th year Optometry student externship program.
2. 1998 – present. Full time Faculty The Johns Hopkins University School of Medicine, Wilmer Refractive Surgery Center, teaching ophthalmology residents, cornea fellows, and optometric residents.
3. 2005 – present. Director of Optometric residency, Baltimore Veterans Administration and The Wilmer Eye Institute.

CME Instruction

1. December 4, 1998. Co-director and lecturer, The First Wilmer LASIK

Co Management Program, Lutherville, MD.

2. April 17, 1999. "LASIK patient selection and post operative optometric management" Maryland Optometric- Wilmer Contact Lens and Eye Disease meeting, Baltimore, MD.
3. June 30, 1999. Course director and lecturer, Wilmer Comanagement Program, Lutherville, MD.
4. June 16, 2000. Course director and lecturer, Wilmer Comanagement Program, Lutherville, MD.
5. April 28, 2000. "Evaluation of Instrumentation for Mapping the Anterior And Posterior Corneal Elevation as well as Corneal Thickness Prior to Refractive Surgery." The Sixtieth Wilmer Residents Meeting, Baltimore, MD.
6. December 10, 2001. "The relationship of long-term contact lens wear on corneal thickness." American Academy of Optometry Annual Meeting, Philadelphia, PA.
7. January 19,2000. "Clinical Optics" 7th Annual Education for Ophthalmic technicians course, Wilmer Eye Institute, Baltimore, MD.
8. May 18,2002."The relationship of long term contact lens wear on corneal thickness with implications for LASIK surgery". The Sixty-First Wilmer Residents Meeting, Baltimore, MD.
9. June 4, 2002. O'Brien TP, Myrowitz EH. " Wavefront patterns in professional athletes" ASCRS, Philadelphia, PA.
10. July 30, 2002."Custom Wavefront Guided LASIK". Optometric workshop at The Wilmer Eye Institute at Green Spring Station, Lutherville, MD
11. October 10, 2002. " Presbyopia and computer vision syndrome". JHU CME For Primary Care Providers, Baltimore, MD.
12. May 26, 2004. "Contact lenses and refractive surgery". Wilmer Refractive Journal Club, Lutherville, MD.
13. December 9, 2004. "Clinical Pearls in using Wavefront technology in Refractive surgery". American Academy of Optometry, Tampa, FL.
14. December 11, 2004."High interocular symmetry in average simulated Keratometry, central thickness, and posterior elevation". American Academy of Optometry. Tampa, FL.
15. December 7, 2006" Evaluation of Deep Lamellar Endothelial Keratoplasty

Surgery Using Scatterometry and Wavefront Analyses”. American Academy of Optometry. Denver, CO.

16. December 8, 2006. “Comparison of Central Corneal Thickness measured with four Pachymeters”. Am Academy of Optometry. Denver, CO.
17. April 29, 2007. “Clinical Pearls in using Wavefront technology in Refractive surgery”. New England Professional Conferences. Timonium, MD
18. October 26, 2007 “Long term efficacy of photorefractive keratectomy for elevated subepithelial nodules in patients with keratoconus who are contact lens intolerant. Am Academy of Optometry Tampa Fla.
19. May 9, 2007. “Comparison of Central Corneal Thickness measured with four Pachymeters”. Assoc for Research in Vision and Ophth.FtLauderdale, FL.
20. March 9, 2008 “Ocular Allergy” Allegheny Optical National lecture Series VIII, Hagerstown, MD.
21. March 30, 2008 “Evidence based care in contact lens, corneal therapeutics and glaucoma”. Wilmer Eye Institute, Baltimore, MD
22. March 30, 2008 “Monovision compared to multifocal contact lenses. Wilmer Eye Institute, Baltimore, MD

CLINICAL ACTIVITIES

Certification

Optometry Licensure

Maryland Optometric License number TA0756 Expiration Date 6/30/09

Specialty Certification

1981-present Fellow American Academy of Optometry

Service Responsibilities

August 2005 - present Director of Baltimore VA Optometric Residency at Wilmer

November 2006 - present Leader of Wilmer Optometric Service

Clinical Program Building/ Leadership

November 2006 – August 2007 Peer elected leader of Wilmer Optometric group

August 2007 – present First appointed Chief of Wilmer Optometric Services

ORGANIZATIONAL ACTIVITIES

August 1998 – present Wilmer Eye Institute Refractive surgery committee

August 2006 – present Wilmer 2010 Implementation team, Residency subcommittee

August 2006 – present Maryland Board of Optometry Quality improvement committee

Sept. 2006 – present Am. Acad. of Optometry Fellowship entrance committee

Journal Peer Review Activities
Journal of Refractive Surgery

Professional Societies

American Academy of Optometry

- | | |
|-----------------|---------------|
| 1978 to present | Active member |
| 1981 to present | Fellow |
| 2006 | Service Award |

Optometric Council on Refractive Technology

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| 2007 | Active member |
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Conference Organizer

1. June 30, 1999. Course Director and lecturer, Wilmer Comanagement Program, Lutherville, MD.
2. June 16, 2000. Course Director and lecturer, Wilmer Comanagement Program, Lutherville, MD.
3. July 30, 2002. “Custom Wavefront Guided LASIK”. Optometric workshop at The Wilmer Eye Institute at Green Spring Station, Lutherville, MD
4. March 30, 2008 “ Evidence based care in Contact Lens , Glaucoma, and Cornea Therapeutics”. Course Director Wilmer/ Maryland Optometric Assoc Balto. MD
5. March 22, 2009 “Evidence based care in Keratoconus, Ophthalmic Nutraceuticals, and Visual Impairment and Rehabilitation. Course Director Wilmer/ Maryland Optometric Assoc. Balto. MD.

Leadership Training

1. May 15, 2007. Practical communication skills in clinical care using MBTI Personality theory.
2. May 31, 2007. Negotiation skills for faculty.
3. May 29, 2008. Performance management through five key conversations

RECOGNITION

Awards, Honors

1. 2006 Peer selected Optometric Leader, Wilmer Eye Institute
2. 2006 American Academy of Optometry Service Award
3. 1978-79 U.S. Public Health Service Traineeship Grant
4. 1978 Vodnoy Clinical Optometry Award
5. 1978 J. Harold Bailey Award
6. 1978 Vision Service Plan Award

7. 1977 Gold Key International (Optometric Leadership)
8. 1974-78 Beta Sigma Kappa (Academic Honor)
9. 1971-72 Phi Eta Sigma (Freshman Scholastic)

OTHER PROFESSIONAL ACCOMPLISHMENTS

With Terrence O'Brien, MD, Nada Jabbur, MD, and Roy Chuck, MD created a successful Wilmer Laser Vision Center. In ten years this program has been a source of FDA clinical research, patient care excellence, residency and fellowship teaching, and substantial profits for the Wilmer Eye Institute.

