

Benjamin Harris Bloom, M.D.
September, 2021

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100 Church Road
Ardmore, PA 19003

SSN: xxx-xx-2751

Education:

1963-1968	B.S.E.E. - Northeastern University College of Engineering With High Honors
1968-1970	Medical School Prerequisite - Boston University
1968-1970	Graduate Courses - Massachusetts Institute of Technology Biomedical Instrumentation
1970-1974	M.D. - Tufts University School of Medicine

Postgraduate Training and Fellowship Appointments:

1974-1975	Intern in Medicine, Newton-Wellesley Hospital, Newton, Mass.
1975-1976	PHS Traineeship in Electrophysiology, Tufts-New England Medical Center Hospital, Boston, Mass.
1975-1979	Resident in Ophthalmology, Tufts-New England Medical Center Hospital, Boston, Mass.
1979-1980	Fellowship in Retina/Vitreous Surgery, Manhattan Eye, Ear and Throat Hospital, New York, N.Y.
1979-1980	Fellowship in Retina/Vitreous Surgery, New York Hospital, New York, N.Y.

Faculty Appointments:

1980-1983	Assistant Clinical Professor of Ophthalmology, Department of Ophthalmology, Hahnemann University, Philadelphia, PA
2005-present	Instructor in Ophthalmology, Sidney Kimmel Medical College Thomas Jefferson University, Philadelphia, PA
January, 2019-present	Faculty of Philadelphia College of Osteopathic Medicine

Hospital Appointments:

1980-1981	Assistant Attending Ophthalmic Surgeon, Manhattan Eye, Ear and Throat Hospital, New York, N.Y.
1980-1983	Hahnemann University Hospital, Philadelphia, PA
1991-1999	Hahnemann University Hospital, Philadelphia, PA
1980-1993	Attending Surgeon, Department of Ophthalmology, Frankford Hospital, Philadelphia, PA
1980-1991	Attending Surgeon, Department of Ophthalmology, Rolling Hill Hospital, Elkins Park, PA
1980-1983	Consultant in Ophthalmology, Philadelphia Geriatric Center, Philadelphia, PA
1980-2000	Consultant in Ophthalmology, Friends Hospital, Philadelphia, PA
1982-2010	Attending Ophthalmologist, Germantown Hospital and Medical Center, Philadelphia, PA
1983-2016	Assistant Surgeon, Wills Eye Hospital, Philadelphia, PA
2016-present	Wills Eye Hospital, Educational Staff, Philadelphia, PA
1985-present	Attending Surgeon, Division of Ophthalmology, Albert Einstein Medical Center, Philadelphia, PA
1998-present	Consulting Staff, Bryn Mawr Hospital, Bryn Mawr, PA
2001-present	Active Staff, Lankenau Hospital, Department of Surgery/Division of Ophthalmology, Wynnewood, PA

Specialty Certification:

1980	American Board of Ophthalmology
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Licensure:

1979	Massachusetts #44198 (inactive)
1979	New York #138212 (inactive)
1980	Pennsylvania #MD-024324-E

Awards, Honors:

1965	Tau Beta Pi, National Engineering Honor Society
1966	Eta Kappa Nu, National Electrical Engineering Honor Society
1967	Phi Kappa Phi, National Honor Society

Employment:

1968-1970	Aerospace Technologist, National Aeronautics and Space Administration-Electronics Research Center, Cambridge, Mass.
1970 (summer)	Research Engineer on the "Boston Arm" Project, Liberty Mutual Insurance Company Research Laboratory at Massachusetts General Hospital, Boston, Mass.
1980-1983	Ophthalmologist/Retina Specialist, David B. Soll, M.D. Associates, Philadelphia, PA

Membership in Professional and Scientific Societies:

National Societies:

- American Academy of Ophthalmology (Fellow)
- American College of Surgeons (Fellow)
- American Society of Retina Specialists (Member)

International Societies:

- European Vitreoretinal Society (Member)

Local Societies:

- Philadelphia County Medical Society
- Pennsylvania Medical Society
- The College of Physicians of Philadelphia
- Greater Philadelphia Ophthalmic Society

National Scientific Committees:

- Family Eye Disease Study of the Massachusetts Eye & Ear Infirmary and Harvard Medical School, sponsored by the NIH, NEI and FFB, Examining Ophthalmologist, 1998-present

Editorial Positions:

1982-1984	Editorial Board, <u>Medical Ultrasound</u>
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Committees at Germantown Hospital:

1990-1994	Member, Credentials Committee
1994-2000	Chair, Credentials Committee

Committees at Albert Einstein Hospital:

2000-2003	Member, Credentials Committee
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Consulting Positions:

Physician consultant performing peer review services on Livanta's BFCC QIO contract – 2014 to present

Expert Witness listed with SEAK and Juris Pro (case summary on request)

Deputy Director, Jefferson Center for Injury Research and Prevention

Teaching Responsibilities

- 1) Teaching Wills Eye Hospital residents during CPEC clinic one morning/month
- 2) Teaching Wills Eye Hospital residents in the operating rooms at Einstein Medical Center
- 2) Attending Ophthalmologist for the Lankenau Medical Center Ophthalmology Clinic - January, 2019-present

Lectures by Invitation:

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| March 25, 1970 | "Si-SiO ₂ insulated physiological electrodes", American Association of Medical Instrumentation, 5 th Annual Meeting, Boston, Mass. |
| November 5, 1971 | "Electrical signals from the human visual system using a checker board pattern stimulus", ARVO Atlantic Section Meeting, Sarasota, Florida |
| June 20, 1991 | "CME, Current Concepts", Department of Ophthalmology, Beilinson Medical Center, Petah Tiqvah, Israel |

Bibliography:

Research Publications, peer reviewed:

- Sokol S., Bloom, B.H.: Visually evoked cortical responses of amblyopes to a spatially alternating stimulus. Investigative Ophthalmology 12: 936-939, December, 1973.
- Bloom, B.H., Sokol, S.: A corneal electrode for patterned stimulus electroretinography, American Journal of Ophthalmology 83: 272-275, February, 1977.

Chapters:

Bloom, B.H.: Measurement of the photocathode uniformity of a large end-window photomultiplier. Radium and Mesothorium Poisoning and Dosimetry and Instrumentation Techniques in Applied Radioactivity, MIT 952-4, May, 1967.

Sokol, S., Bloom, B.H.: Macular ERGs elicited by checkerboard pattern stimuli. Proc. of the 14th ISCERG Symposium: Louisville, Kentucky (Dr. W. Junk, b.v. Publishers), 1977.

Bloom, B.H., Corneal Abrasions. Wills Eye Institute 5-Minute Ophthalmology Consult, Wolters Kluwer/Lippincott Williams & Wilkins, pp. 218-219, 2012.

Patents:

Bloom, Benjamin H.: Double flap envelope. U.S. Patent Number 5,626,281, May 6, 1997

Clinical Research:

A 12-month, randomized, rater- and dose-blinded study to compare the efficacy and safety of fingolimod 0.25 mg and 0.5 mg administered orally once daily with glatiramer acetate 20 mg administered subcutaneously once daily in patients with relapsing-remitting multiple sclerosis: Consulting Ophthalmologist, Dec. 2014 - present.

Deputy Director, Jefferson Center for Injury Research and Prevention, Division of Trauma, Sidney Kimmel Medical College, October, 2018 – present

Assistant Clinical Professor, Affiliate Clinical Faculty, Lankenau Institute for Medical Research, September, 2021 - present