**Curriculum Vitae**

Samuel D. Friedel, M.D.

Clinical Associate Professor

Vice Chair for Education

Department of Ophthalmology and Visual Sciences

University of Maryland School of Medicine

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**Contact Information**

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University of Maryland Medical Center Midtown Campus

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**Education**

1973 B.S., Zoology, with High Honors

University of Maryland College Park

College Park, Maryland

1977 M.D., University of Maryland School of Medicine

Baltimore, Maryland

**Post Graduate Education and Training**

1977-1978 Internship in Internal Medicine

Maryland General Hospital (DBA UMMC Midtown Campus)

Baltimore, Maryland

1978-1981 Residency in Ophthalmology

Maryland General Hospital (DBA UMMC Midtown Campus)

Baltimore, Maryland

**Certifications**

1982 American Board of Ophthalmology

Lifetime Certification

**Medical Licensures**

Active State of Maryland

**Employment History**

Academic Appointments

2003-2006 Associate Professor, Department of Ophthalmology

St. George’s University

Grenada, West Indies

2009-2012 Clinical Assistant Professor, volunteer

Department of Ophthalmology & Visual Sciences

University of Maryland School of Medicine

2012-2014 Clinical Associate Professor, part-time volunteer

Department of Ophthalmology & Visual Sciences

University of Maryland School of Medicine

2012-present Clinical Associate Professor & Vice Chair for Education

Department of Ophthalmology & Visual Sciences

University of Maryland School of Medicine

Hospital Appointments

1981-2009 Ophthalmology Residency Program Director

Friedenwald Eye Institute, Maryland General Hospital

Baltimore, Maryland

1981-Present Active Medical Staff

University of Maryland Medical Center Midtown Campus (formerly Maryland General Hospital)

Baltimore, Maryland

1982-1998 Active Medical Staff

Sinai Hospital

Baltimore, Maryland

1982-1999 Active Medical Staff

St. Joseph’s Hospital

Baltimore, Maryland

1982-2012 Active Medical Staff

Mercy Hospital

Baltimore, Maryland

1982-2010 Active Medical Staff

Union Memorial Hospital,

Baltimore, Maryland

1988-2009 Clinical Instructor, Ophthalmology

Wilmer Eye Institute, Johns Hopkins Hospital

Baltimore, Maryland

1988-Present Chief of Ophthalmology

Friedenwald Eye Institute, Maryland General Hospital, DBA UMMC Midtown Campus

Baltimore, Maryland

1995-2009 Active Medical Staff, part-time

Johns Hopkins Hospital

Baltimore, Maryland

1996-Present Active Medical Staff

Greater Baltimore Medical Center

Baltimore, Maryland

1998 – Present Special Consultant

Sinai Hospital

Baltimore, Maryland

2007-Present Designated Institutional Official

Maryland General Hospital, DBA UMMC Midtown Campus

Baltimore, Maryland

2009-Present Active Medical Staff

Baltimore VA Medical Center

Baltimore, Maryland

**Professional Society Memberships**

1978-1988 American Medical Association

1981-Present Maryland Society of Eye Physicians and Surgeons

1981-Present Medical and Chirurgical Faculty of Maryland

1981-Present Association of University Professors of Ophthalmology

1981-Present Fellow, American Academy of Ophthalmology

2017-Present Life Member, American Academy of Ophthalmology

1984-Present Fellow, American College of Surgeons

**Honors and Awards**

1980 Chief Resident in Ophthalmology

Maryland General Hospital (DBA UMMC Midtown Campus)

**Clinical Activities**

**Direct Patient Care**

1981- Present Outpatient clinical service, direct supervision of resident’s patient care at Midtown Campus (UMMC residents since 2008)

1981- Present Supervisions of resident ED & inpatient consultations at UMMC Midtown Campus (UMMC residents since 2008)

1981- Present Operating theatre service

* Residents participate on my private ophthalmology surgical procedures at Midtown Campus, rotating UMSOM students observe
* Supervise resident cases weekly at Midtown Campus, rotating UMSOM students observe
* Supervise resident cases at least monthly at VA, , rotating UMSOM students observe

**Indirect Patient Care**

2008- Present Diagnostic tests and consultation referrals

* Refer patients to Midtown Campus & UMMC University Campus as well as UMSOM Ophthalmology faculty practice on Redwood

**Innovation and Leadership in the Clinical Setting**

2008- Present Specialty clinic

* UMMC Ophthalmology residency Site Director at UMMC Midtown Campus
* Director of Ophthalmology clinic at Midtown Campus

1988- Present Lead clinician

* Lead ophthalmology clinician at Midtown Campus
* UMMC Midtown Campus Ophthalmology Department Chair and director of UMSOM Faculty providing specialty services at Midtown

Leader for quality assurance;

1988- Present Board member and member of the Board’s Patient Quality and Safety Committee, UMMC Midtown Campus

1993 – 2005 Member, Human Investigational Committee, UMMC Midtown Campus

2008 - Present Member of Risk Management & Medical Education Committee, Medical

Mutual Liability Insurance Company of Maryland

2007 – Present Member of Quality Improvement Committee, UMMC Midtown Campus

2012 – Present Organize and facilitated Performance Improvement Projects for UMMC

Ophthalmology residency

2012- Present Organized and oversee Quality Improvement & Risk management activities for UMMC Ophthalmology program and UMSOM

2013- Present Organized and oversee quality and risk management program for UMSOM department of ophthalmology including developing metrics

**Administrative Service**

Institutional Service

1981-Present Medical Executive Committee

Maryland General Hospital

1983-Present Chair, By Laws Committee

Maryland General Hospital

1985-1990 Credentials Committee

Maryland General Hospital

1989-1990, 2001 Chair, Credentials Committee

Maryland General Hospital

1993-2005 Human Investigational Review Board

Maryland General Hospital

1995-Present Graduate Medical Education Committee

Maryland General Hospital

1998-2005 Credentials Committee

Maryland General Hospital

2001 Chair, Search Committee, Chief of Anesthesia

Maryland General Hospital

2001 Search Committee, Chief of Surgery

Maryland General Hospital

2003-2007 Chair, Credentials Committee

Maryland General Hospital

2004 Chair, Search Committee, Chief of Neurosciences

Maryland General Hospital

2004 Search Committee, Chief of Anesthesia

Maryland General Hospital

2007-Present Chair, Graduate Medical Education Committee

Maryland General Hospital

2007-2015 Board of Directors

Maryland General Health Systems & Maryland General Health Systems

2007-2015 Board of Directors, Patient Quality and Safety Committee

Maryland General Hospital

2008-2013 Medical Care Policy and Forms Committee

Maryland General Hospital

2009-2011 Associate Program Director, Ophthalmology Residency

Department of Ophthalmology & Visual Sciences

University of Maryland School of Medicine

2010-Present Credentials Committee (Chair 2014, 2015, 2016)

Maryland General Hospital

2012-Present Program Director, Ophthalmology Residency

Department of Ophthalmology & Visual Sciences

University of Maryland School of Medicine

2015-Present Patient Quality and Safety Counsel

UMMC Midtown Campus,

Local and National Service

1984-1987 Ad Hoc Committee on Physician Identification Regulations

Medical and Chirurgical Faculty of Maryland

1987-1996 Committee on Specialist Identification

Medical and Chirurgical Faculty of Maryland

1988-2015 Member, Board of Directors

Medical and Chirurgical Faculty of Maryland

1992-1996 Chair, Committee on Specialist Identification

Medical and Chirurgical Faculty of Maryland

1995-2015 Executive Board

Maryland Society of Eye Physicians and Surgeons

2008-Present Risk Management & Medical Education Committee

Medical Mutual Liability Insurance Company of Maryland

**Teaching Service**

**Direct Teaching**

**Clinical teaching**

(2008 – present) Inpatient teaching

Supervision of resident ED and inpatient consults at UMMC Midtown Campus

(2008 – Present) Outpatient teaching

Supervise Ophthalmology residents at Midtown clinics 5 half-day sessions per week

(2012 – present) Teach University of Maryland medical students, third and fourth year, during Ophthalmology rotations at Midtown campus in clinic and in OR

* 50 patients per week X 46 weeks per year X 7 yrs = 16,100
* 18 hours per week X 46 weeks X 7 years = 5,796

(2008 – Present) Surgical teaching

Supervise and teach surgery to UMMC Ophthalmology residents at UMMC Midtown Campus and the Baltimore Veterans Administration Hospital

* 6 hours per week X 46 weeks per year X 7 years = 1,932

(2012 – Present) One-on-one remediation

Medical students – meet with all third year and fourth year ophthalmology rotators if remediation is needed

Residents – Ophthalmology Residents, in role as Program Director & mentor

**Classroom teaching**

(2008 – Present) Provide 4 formal lectures per year for residents

“Cataracts Part I: “Indications, and Informed Consent”

“Cataracts Part II” “Techniques and tools”

“CPT and ICD Coding for Ophthalmology”

“Preparation for After Residency: Opportunities, and Interpreting & negotiating employment and partnership contracts, including liability tail coverage and restrictive covenants.”

* 10 hours per year X 7 years = 70 hours of classroom teaching

**Advising and Mentoring**

(2008 – Present) Mentoring

Assist residents in fellowship search, applications and ranking

Assist residents in deciding on post residency careers

Help with obtaining fellowships and/or jobs

Review job offers and contracts for residents

(2012 – Present) Advising

As Program Director meet with residents twice yearly to advise and mentor

* Individuals mentored: Drs. Paul Kouyoumjian, Susannah Mist, Rony Sayegh, Jennifer Nottage, Dale Brown, Margaret Phillips, Aaron Parnes, Gayatri Reilly, Lisa Law, Andrew Cheek, Armando Alegret, Mehrak Marzban, Rachel Robbins, Elena Geraymovych, Eli Moses, Nirali Bhatt, Anuj Chawala, Moran (Roni) Levin, Kiersten George (now in Psychiatry at UMMC) Marc Malouf, Nora Khatib, Tatyana Albukh, Ethan Tittler, Cindy Mi, Lee Katzman, Angelique Pillar, Erica Archer, Jordan Margo, Katherine Duncan, Nishant Soni.

**Educational Leadership and Scholarship**

(2012 – Present)

Developed and instituted the residency portfolio

Wrote the ophthalmology residency manual, including;

Defining all educational goals and objectives for the residency program

Rotation specific, competency based education goals and objectives for each PGY level to meet current ACGME requirements

(2010 – Present)

Organized, sponsored and facilitated the first ever Ophthalmology residency retreat in 2010

Provided feedback to faculty, and recommendation for program improvements and curriculum enhancements

(2008 – Present)

Educated faculty and residents in methodology and tools for Performance

Improvement Projects

Developed and started the first ever residency performance improvement project in 2012 on Handoffs and Information sharing for the UMMC Consult service

Residency organization activities

Established first formal ophthalmology resident evaluation committee, now transitioned in the Clinical Competency Committee

Established the first formal Residency Program Evaluation Committee in 2011, which is now an annual activity

(2008 – Present)

Faculty program/development

Provide formal presentation to the faculty:

“New ACGME common and program specific residency requirements”, highlighting faculty responsibilities and changes needed to curriculum

“Introduction to NAS” (the next accreditation system)

“The Clinical Competency Committee (CCC):

Duties, responsibilities

Wrote the policy for the Ophthalmology Department CCC

“Continuous Quality Improvement” an overview of the PDSA process

Put together the first Ophthalmology faculty facilitated resident participation Performance Improvement project in 2012 (now completing follow up of effectiveness of process changes made)

**Publications**

1. McEwan JR, Massengill MD, Friedel SD. Effect of keratometer and axial length measurement errors or primary implant power calculations. *J Cataract Refractive Surgery* 16:1990.

2. Dibble RF, Friedel SD. A simplified method of monocanalicular silicone intubation. *Ophthalmic Surgery* 21(2):1990.

3. Friedman RF, Ganiban GJ, Liss RA, Friedel SD. Ocular syphilis and neurosyphilis in a patient with human immunodeficiency virus infection. *MD Med J* 44(4):1995.

4. Sleath B, Robin AL, Covert D, Byrd JE, Tudor G, Svarstad B (Friedel SD, contributor). Patient-reported behavior and problems in using glaucoma medications. *Ophthalmology* 113(3):431-426, 2006.

**Presentations**

Ariss M, Friedel SD. Outcomes of single piece IOL placement in the ciliary sulcus. Presented at the 19th Annual Friedenwald Research Conference, June 5, 2008.

S.D. Friedel, “Contracting 101 for Residents” Presented at the Maryland Society of Eye Physicians and Surgeons Annual Meeting, May 26, 2016, Linthicum Heights, Maryland.

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