

## **CURRICULUM VITAE**

Mona A. Kaleem, M.D.

Assistant Professor, Department of Ophthalmology and Visual Sciences  
University of Maryland School of Medicine

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### **Contact Information**

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Foreign Languages: Hindi, Urdu, French

### **Education**

1999 - 2003 B.A., Economics, Smith College  
2003 - 2005 Intramural Research Training Award, National Institutes of Health  
2005 - 2009 M.D., Howard University College of Medicine

### **Post Graduate Education and Training**

2009 - 2010 Internship, Mercy Medical Center, Baltimore, Maryland  
2010 - 2013 Residency, Ophthalmology, Howard University Hospital  
2011 - 2012 Visiting Post-Doctoral Research Fellow, Wilmer Eye Institute  
2013 - 2014 Fellowship, Glaucoma, Cleveland Clinic Foundation

### **Certifications**

2016 Diplomat, American Board of Ophthalmology

### **Medical Licensures**

2013 Inactive, Ohio  
2014 Active, Maryland  
2019 Active, Washington D.C.

### **Academic Appointments**

2014 - present Assistant Professor, Department of Ophthalmology and Visual Sciences,  
University of Maryland School of Medicine

## **Professional Society Membership**

2005 - present	American Medical Association
2005 - present	National Medical Association
2005 - present	Islamic Medical Association of North America
2007 - present	American Association of Physicians of Indian Origin
2010 - present	American Academy of Ophthalmology
2010 - present	Association of Research in Vision and Ophthalmology
2012 - present	American Society of Cataract and Refractive Surgeons
2012 - present	Women in Ophthalmology
2012 - present	Muslim Ophthalmology Society
2013 - present	American Glaucoma Society
2015 - present	Maryland Society of Eye Physicians and Surgeons

## **Honors and Awards**

2003	Dean's List, Smith College
2003	Office of Multicultural Affairs Prize, Smith College
2006	First Prize, Howard University College of Medicine Research Competition
2007	Trustees Scholarship, Howard University College of Medicine
2008	Trotman Memorial Scholarship, Howard University Medical Alumni Association
2008	Malcolm X Service Award, Howard University College of Medicine, Office of the Dean
2011	First Prize, Roger P. Mason Sr. Glaucoma Symposium
2011	First Prize, Howard University Hospital Clinical Day Presentation
2012	ARVO/Santen Travel Grant
2012	Third Place, Raab Venable Research Symposium
2013	Resident Excellence Award, ASCRS
2017	Second Place, Maryland Society of Eye Physicians and Surgeons Research Poster Symposium
2018	Top Doctor, Baltimore Magazine

## **Clinical Activities**

### **Clinical Expertise**

*Lasers:* Laser trabeculoplasty, laser peripheral iridotomy, laser iridoplasty, laser suture lysis, YAG capsulotomy, trans-scleral diode laser, micropulse diode laser

*Incisional Surgery:* Cataract surgery, secondary intraocular lens implantation, anterior vitrectomy, trabeculectomy, aqueous tube shunt, minimally invasive glaucoma surgery (iStent, goniotomy, XEN gel stent, OMNI, Hydrus, ECP)

## **Scope of Clinical Practice**

2014 – present      Attending physician, University of Maryland Medical Center  
Attending physician, University of Maryland – Midtown Campus  
Attending physician, University of Maryland – Waterloo Campus  
Attending Physician, University of Maryland – Owings Mills  
Attending Physicians, Baltimore VA Hospital  
80% of time spent in clinical duties  
Board certified Ophthalmologist  
Glaucoma Sub-Specialist  
Research focus in low vision and access to eye care

## **Administrative Service**

### **Institutional Service**

2014 - 2017      EMR Physician Champion, UMSOM  
2014 - 2017      Director, Ophthalmic Technician Education Program, UMSOM  
2014 - present      Residency Core Competency Committee, UMSOM  
2015 - present      Interviewer, Admissions Committee, UMSOM  
2015 - 2018      Perioperative Services Committee, UM-Midtown Hospital  
2017 - present      Chair, Infection Control Committee, UMSOM – Waterloo Campus  
2017 - present      Advisor, UM Scholars Program, UMSOM  
2018 - present      Assistant Director of Ophthalmology Clerkship, UMSOM

### **National Service**

2003 - 2008      Vice President, Smith College Alumnae Class of 2003  
2010 - present      Ad Hoc Reviewer, *Asian Journal of Ophthalmology* (1x/year)  
2011 - 2012      Editor, *Journal of the American Association of Physicians of Indian Origin (MSRF)*  
2012 - present      Executive Committee, Muslim Ophthalmology Society  
2014 – 2018      Pediatric Section Subcommittee, American Glaucoma Society  
2016 - present      Vision Rehab Committee, American Academy of Ophthalmology  
2017 - present      Mentor, AAO/AUPO Minority Mentoring Program  
2017 - present      Education Division, American Academy of Ophthalmology  
2018 - present      Government Relations Committee, ASCRS  
2018 - present      Program Committee Chair, EnVision Summit  
2018 - present      Ad Hoc Reviewer, *British Journal of Ophthalmology* (1x/year)  
2018 - present      Ad Hoc Reviewer, *American Journal of Ophthalmology* (1x/year)  
2018 - present      Ad Hoc Reviewer, *Ophthalmology* (1x/year)

### **Local Service**

2006 - present      Volunteer, MCC Medical Clinic  
2008 - present      Volunteer, Student Sight Savers Program  
2010                  Volunteer, University of Maryland Shock Trauma, Maryland in Haiti Relief Mission

2011 Volunteer, Virginia Hospital Center Brigade, Comayagua, Honduras  
2018 - present Chair, Technology Committee, Maryland Society for Eye Physicians and Surgeons

### **Teaching Service**

#### **High School Student Teaching**

2015 - present Mentor, Summer Bioscience Internship Program, Baltimore City high school students, 8 hours/week (June through August each year)

#### **Graduate Degree Student Teaching**

2018 - 2019 Advisor, MPH Candidate, Epidemiology Program, UMSOM

#### **Medical Student Teaching**

2014 Clinical Instructor, Introduction to Clinical Medicine, Medical Student Practical, 2nd year medical students, 20 students, 1 hour  
2014 - present Attending Physician, Ophthalmology Outpatient and Surgical Services, Surgery Rotation, 3rd & 4th year medical students, 2 students, 8 hours per week  
2016 Clinical Instructor, Small Group Session: Eye Infections, Introduction to Clinical Medicine, 2nd year medical students, 20 students, 1 hour  
2016 Lecturer, Ophtho 101 for Family Medicine, Family Medicine Rotation, 3rd year medical students, 20 students, 1 hour  
2016 Lecturer, Acute Vision Loss, Department of Internal Medicine, 3rd/4th year medical students and Internal Medicine residents, 80 students, 1 hour  
2017 Lecturer, Ophtho 101 for Family Medicine, Family Medicine Rotation, 3rd year medical students, 20 students, 4 hours  
2018 Lecturer, Pathophysiology and Therapeutics 2: Neuroanatomy Block, 2nd year medical students, 160 students, 1 hour  
2018 Lecturer, Ophtho 101 for Family Medicine, Family Medicine Rotation, 3rd year medical students, 20 students, 3 hours  
2018 Lecturer, Acute Vision Loss, Department of Internal Medicine, 3rd/4th year medical students and Internal Medicine residents, 80 students, 1 hour  
2019 Lecturer, Ophtho 101 for Family Medicine, Family Medicine Rotation, 3rd year medical students, 20 students, 2 hours

#### **Resident and Fellow Teaching**

2014 Perimetry Essentials, 12 hours  
2014 Laser Therapy, 12 hours  
2014 Difficult Discs, 12 hours  
2014 Role of Prostaglandin Analogs in Uveitic Patients, 12 hours  
2014 A Decade of Selective Laser Trabeculoplasty, 12 hours  
2014 Impact of Cataract Surgery on Glaucoma Care, 12 hours  
2015 iStent, 12 hours

2015	Mechanisms of IOP Elevations Following Anti-VEGF Therapy, 12 hours
2015	Perimetry Essentials, 12 hours
2015	Gonioscopy Practicum, 12 hours
2015	Barriers to Medication Adherence in Glaucoma Patients, 12 hours
2015	Management of Bleb Leaks, 12 hours
2016	Diagnosis and Treatment Options for Blebitis, 12 hours
2016	Introduction to Glaucoma Evaluation and Treatment, 48 hours
2017	Diode Laser for Refractory Glaucoma, 12 hours
2017	Glaucoma Management After Cornea Transplant Surgery, 12 hours
2017	Review of the Ocular Hypertension Treatment Study, 12 hours
2017	Introduction to Glaucoma Evaluation and Treatment, 48 hours
2017	Perimetry Essentials, 12 hours
2017	Glaucoma Imaging, 12 hours
2017	Trends Among Various Glaucoma Surgeries and Procedures, 12 hours
2017	Trabeculectomy Complications, 12 hours
2018	Disinfection of Tonometers, 12 hours
2018	Do the Size and Location of an LPI Matter?, 12 hours
2018	Introduction to Glaucoma Evaluation and Treatment, 48 hours
2018	Diet and Glaucoma, 12 hours
2019	Comparing the Ocular Reponse Analyzer to other Tonometers, 12 hours
2019	Medical Marijuana and Glaucoma
2019	Introduction to Glaucoma Evaluation and Treatment, 48 hours
2019	Perimetry Essentials, 12 hours
2019	Glaucoma Imaging, 12 hours

### **Grant Support**

#### **Active Grants**

1/1/17 – 1/1/21	(PI: 10%) <i>Examining the Burden of Ophthalmic Disease in the Underserved in Baltimore</i> Abell Foundation \$28,000
11/1/18 – 11/30/19	(PI: 10%) <i>Characteristics of Glaucoma Patients Attending Vision Rehabilitation</i> America Glaucoma Society, MAPS Award \$10,000

#### **Completed Grants**

2014 - 2017	(PI: 20%) <i>Referral to Low Vision Services for Glaucoma Patients</i> American Glaucoma Society, MAPS Award \$10,000
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## Publications

### Peer-reviewed journal articles

1. Miller DW, Wilson CR, **Kaleem MA**, Blackinton J, Cookson MR. Identification of the epitope of a monoclonal antibody to DJ-1. *Neurosci Lett*. 2005 Feb 21;374(3):203-6.
2. Blackinton J, Ahmad R, Miller DW, van der Brug MP, Canet-Aviles RM, Hague SM, **Kaleem M**, Cookson MR. Effects of DJ-1 mutations and polymorphisms on protein stability and subcellular localization. *Brain Res Mol Brain Res*. 2005 Mar 24;134(1):76-83.
3. Bandopadhyay R, Miller DW, Kingsbury AE, Jowett TP, **Kaleem M**, Pittman AM, de Silva R, Cookson MR, Lees AJ. Development, characterisation and epitope mapping of novel monoclonal antibodies for DJ-1 (PARK7) protein. *Neurosci Lett*. 2005 Aug 5;383(3):225-30.
4. Myers AJ, **Kaleem M**, Marlowe L, Pittman AM, Lees A, Fung HC, Duckworth J, Leung D, Gibson A, Morris CM, de Silva R and Hardy J. The H1c Haplotype at the MAPT locus is associated with Alzheimer's Disease. *Hum Mol Genet*. 2005 Aug 15;14(16):2399-404.
5. Pittman AM, Myers AJ, Abou-Sleiman P, Fung HC, **Kaleem M**, Marlowe L, Duckworth J, Leung D, Williams D, Kilford L, Thomas N, Morris CM, Dickson DW, Wood NW, Hardy J, Lees AJ, de Silva R. Linkage disequilibrium fine-mapping and haplotype association analysis of the tau gene in progressive supranuclear palsy and corticobasal degeneration. *J Med Genet*. 2005 Nov;42(11):837-46.
6. Smemo S, Nowotny P, Hinrichs AL, Kauwe JS, Cherny S, Erickson K, Myers AJ, **Kaleem M**, Marlowe L, Gibson AM, Hollingworth P, O'donovan MC, Morris CM, Holmans P, Lovestone S, Morris JC, Thal L, Li Y, Grupe A, Hardy J, Owen MJ, Williams J, Goate A. Ubiquilin 1 polymorphisms are not associated with late-onset Alzheimer's disease. *Ann Neurol*. 2006 Jan;59(1):21-6.
7. Grupe A, Li Y, Rowland C, Nowotny P, Hinrichs AL, Smemo S, Kauwe JS, Maxwell TJ, Cherny S, Doil L, Tacey K, van Luchene R, Myers A, Wavrant-De Vrieze F, **Kaleem M**, Hollingworth P, Jehu L, Foy C, Archer N, Hamilton G, Holmans P, Morris CM, Catanese J, Sninsky J, White TJ, Powell J, Hardy J, O'Donovan M, Lovestone S, Jones L, Morris JC, Thal L, Owen M, Williams J, Goate A. A scan of chromosome 10 identifies a novel locus showing strong association with late-onset Alzheimer disease. *Am J Hum Genet*. 2006 Jan;78(1):78-88.
8. Myers AJ, Pittman AM, Zhao AS, Rohrer K, **Kaleem M**, Marlowe L, Lees A, Leung D, McKeith IG, Perry RH, Morris CM, Trojanowski JQ, Clark C, Karlawish J, Arnold S, Forman MS, Van Deerlin V, de Silva R, Hardy J. The MAPT H1c risk haplotype is associated with increased expression of tau and especially of 4 repeat containing transcripts. *Neurobiol Dis*. 2007 Mar;25(3):561-70.
9. Coon KD, Myers AJ, Craig DW, Webster JA, Pearson JV, Lince DH, Zismann VL, Beach TG, Leung D, Bryden L, Halperin RF, Marlowe L, **Kaleem M**, Walker DG, Ravid R, Heward CB, Rogers J, Papassotiropoulos A, Reiman EM, Hardy J, Stephan DA. A high-density whole-genome association study reveals that APOE is the major susceptibility gene for sporadic late-onset Alzheimer's disease. *J Clin Psychiatry*. 2007 Apr;68(4):613-8.

10. Reiman EM, Webster JA, Myers AJ, Hardy J, Dunckley T, Zismann VL, Joshipura KD, Pearson JV, Hu-Lince D, Huentelman MJ, Craig DW, Coon KD, Liang WS, Herbert RH, Beach T, Rohrer KC, Zhao AS, Leung D, Bryden L, Marlowe L, **Kaleem M**, Mastroeni D, Grover A, Heward CB, Ravid R, Rogers J, Hutton ML, Melquist S, Petersen RC, Alexander GE, Caselli RJ, Kukull W, Papassotiropoulos A, Stephan DA. GAB2 alleles modify Alzheimer's risk in APOE epsilon4 carriers. *Neuron*. 2007 Jun 7;54(5):713-20.
11. Myers AJ, Gibbs JR, Webster JA, Rohrer K, Zhao A, Marlowe L, **Kaleem M**, Leung D, Bryden L, Nath P, Zismann VL, Joshipura K, Huentelman MJ, Hu-Lince D, Coon KD, Craig DW, Pearson JV, Holmans P, Heward CB, Reiman EM, Stephan D, Hardy J. A survey of genetic human cortical gene expression. *Nat Genet*. 2007 Dec;39(12):1494-9.
12. **Kaleem M**, Zhao A, Hamshere M, Myers AJ. Identification of a novel valosin-containing protein polymorphism in late-onset Alzheimer's disease. *Neurodegener Dis*. 2007;4(5):376-81.
13. Webster JA, Myers AJ, Pearson JV, Craig DW, Hu-Lince D, Coon KD, Zismann VL, Beach T, Leung D, Bryden L, Halperin RF, Marlowe L, **Kaleem M**, Huentelman MJ, Joshipura K, Walker D, Heward CB, Ravid R, Rogers J, Papassotiropoulos A, Hardy J, Reiman EM, Stephan DA. Sor11 as an Alzheimer's Disease Predisposition Gene? *Neurodegener Dis*. 2008;5(2):60-4.
14. Webster JA, Gibbs JR, Clarke J, Ray M, Zhang W, Holmans P, Rohrer K, Zhao A, Marlowe L, **Kaleem M**, McCorquodale DS 3rd, Cuello C, Leung D, Bryden L, Nath P, Zismann VL, Joshipura K, Huentelman MJ, Hu-Lince D, Coon KD, Craig DW, Pearson JV; NACC-Neuropathology Group, Heward CB, Reiman EM, Stephan D, Hardy J, Myers AJ. Genetic control of human brain transcript expression in Alzheimer disease. *Am J Hum Genet*. 2009 Apr;84(4):445-58.
15. Webster J, Reiman EM, Zismann VL, Joshipura KD, Pearson JV, Hu-Lince D, Huentelman MJ, Craig DW, Coon KD, Beach T, Rohrer KC, Zhao AS, Leung D, Bryden L, Marlowe L, **Kaleem M**, Mastroeni D, Grover A, Rogers J, Heun R, Jessen F, Kölsch H, Heward CB, Ravid R, Hutton ML, Melquist S, Petersen RC, Caselli RJ, Papassotiropoulos A, Stephan DA, Hardy J, Myers A. Whole genome association analysis shows that ACE is a risk factor for Alzheimer's disease and fails to replicate most candidates from Meta-analysis. *Int J Mol Epidemiol Genet*. 2010;1(1):19-30.
16. **Kaleem MA**, Ramsahai S, del Fierro K, Rasul S, Onumah C, Copeland RA, Lerebours, V, Gajjala J, Jones LS. Ocular Findings in Human Immunodeficiency Virus Patients in Washington D.C. *International Ophthalmology*. 2012 Apr;32(2):145-151.
17. **Kaleem MA**, Munoz BE, Munro CA, Gower, EW, West SK. Visual Characteristics of Elderly Night Drivers in the Salisbury Eye Evaluation Driving Study. *IOVS*. 2012 Aug;53(9):5161-7.
18. Hwang S, Haidara M, **Kaleem MA**, Mathews M. Myelomatous Meningitis Presenting as Infiltrative Optic Neuropathy. *Advances in Ophthalmology & Visual Systems*. 2015 Oct;3(1):72-4.
19. **Kaleem MA**, Oberfeld S, Eisengart J. Chronic Pseudophakic Aqueous Misdirection. *Asian Journal of Ophthalmology*. 2016;15(1):47-52.
20. **Kaleem MA**, West SK, Im L, Swenor BK. Referral to Low Vision Services for Glaucoma Patients: Referral patterns and characteristics of those who refer. *J Glaucoma*. 2017 Feb;26(2):e115-e120.
21. Pabon S, Sunness JS, **Kaleem MA**. Low Vision Therapy for Glaucoma Patients. *Curr Ophthalmol Rep*. 2017. DOI:10.1007/s40135-017-0124-5.

22. **Kaleem M**, Ridha F, Shwani Z, Swenor B, Goshe J, Singh A. Rates of Intraocular Pressure Elevation and Use of Topical Anti-Hypertensive Medication After Descemet's Stripping Automated Endothelial Keratoplasty. *Cornea*. 2017 Jun;36(6):669-674.
23. Schehlein EM, **Kaleem MA**, Swamy R, Saeedi, OJ. Microinvasive Glaucoma Surgery: An Evidence-Based Assessment. *Expert Rev Ophthalmology*. 2017;12(4):331-343.
24. Fontenot JL, Bona MD, **Kaleem MA**, McLaughlin WM, Morse AR, Schwartz TL, Shepherd JD, Jackson ML. Vision Rehabilitation Preferred Practice Pattern. *Ophthalmology*. 2018 Jan;125(1):228-278.
25. Qureshi A, Chen H, Saeedi OS, **Kaleem M**, Margo J, Kalarn S, Alexander J. Anterior Segment Ultrasound Biomicroscopy Image Analysis Using ImageJ Software: Intra-observer Repeatability and Inter-observer Agreement. *International Ophthalmology*. 2018 March; doi: 10.1007/s10792-018-0882-6
26. Qin VL, **Kaleem M**, Rockwood EJ, Singh A, Sood-Mendiratta S, Sears JE, Silva FQ, Conti FF, Eisengart J, Singh RP. Long-term clinical outcomes of pars plana versus anterior chamber placement of glaucoma drainage devices. *J Glaucoma*. 2018 May;27(5):440-4.
27. **Kaleem MA**, West SK, Im L, Swenor BK. Referral to Low Vision Services for Glaucoma Patients: Referral Criteria and Barriers. *J Glaucoma*. 2018 July;27(7):653-655.
28. **Kaleem MA**, Swenor BK, West SK, Im L, Shepherd JD. Editorial: Low Vision Services and the Glaucoma Patient. *Ophthalmology Glaucoma*. 2019 May-June;2(3):127-129.
29. Hom J, Sarwar S, **Kaleem MA**, Messina CD, Sepah YJ, Nguyen QD. Cochrane Eyes and Vision Group. Topical mydriatics as adjunctive therapy for traumatic iridocyclitis and iritis. *Cochrane Database of Systemic Reviews*. Accepted 2/6/19. Tentative publication date 6/6/19.
30. Ou MT, Kleiman H, Kalarn S, Moradi A, Shukla S, Danielson M, **Kaleem M**, Shulman M, Boland M, Robin A, Saeedi OJ. A Pilot Study on the Effects of Physician Gaze on Patient Satisfaction in the Setting of Electronic Health Records. *The Journal of Academic Ophthalmology*. Accepted 6/28/19.
31. Stoleru G, Qureshi A, Kalarn S, Martinez C, Levin M, **Kaleem M**, Saeedi O, Magder L, Karwoski B, Jaafar M, Madigan W, Alexander J. Anterior segment growth from infancy to early adulthood using ultrasound biomicroscopy. *IOVS*. Submitted 7/25/18.
32. Tracey B, Mayo L, Le C, Chen V, Weichsel J, Renner C, Li J, Tsai J, Kalarn S, Ou M, Chang L, Mohammed T, Mohammed I, Shah K, Thompson G, Jones A, Im L, **Kaleem M**, Saeedi O. Measurement of Retinal Microvascular Blood Velocity Using Erythrocyte Mediated Velocimetry. *Scientific American*. Accepted 9/9/19.
33. DeVience E, Schechet S, DeVience S, Shukhla S, **Kaleem M**. Survey of Musculoskeletal Pain Among U.S. Ophthalmologists. *Canadian Journal of Ophthalmology*. Submitted 7/17/19.

### **Non-peer-reviewed journal articles**

1. **Kaleem MA**. The Mysterious Stroke. EyeWiki, Grand Rounds, (<http://eyewiki.aaopt.org>), Published 9 April 2012.
2. Francomacaro S, **Kaleem MA**. Low Vision and Vision Rehabilitation in Glaucoma. EyeWiki, Glaucoma, (<http://eyewiki.aaopt.org>), Published 25 August 2017.



## **Book Chapters**

1. Roy NK, Bennett DM, Ally S, **Kaleem M**, Mansour D. Essentials: Renal, Gastrointestinal and Hepatobiliary Systems. iUniverse 2007: Lincoln, NE.
2. **Kaleem MA**, Copeland RA. "Phlyctenular Keratoconjunctivitis." Copeland and Afshari's Principles and Practice of Cornea. Ed. Copeland RA, Ed. Afshari N. Jaypee Brothers Medical Publishing 2013: India.
3. **Kaleem MA**. "Riley Day Syndrome." Encyclopedia of Ophthalmology. Ed. Schmidt-Erfurth UM, Kohnen T. Springer 2015: New Delhi, India.
4. **Kaleem MA**. "Chelation Therapy for Band Keratopathy." Encyclopedia of Ophthalmology. Ed. Schmidt-Erfurth UM, Kohnen T. Springer 2015: New Delhi, India.
5. Knight O, **Kaleem M**, Melvani R, Bregman J, Hunter T, Couser NL. "Eye Genetic Abnormalities with Glaucoma". Ophthalmic Genetic Diseases: A Quick Reference Guide to the Eye and External Ocular Adenexa Abnormalities. Ed: Couser NL. Elsevier 2018: St. Louis, MO.
6. Bregman J, Alexander J, Fard S, **Kaleem MA**. "History of Pediatric Glaucoma". Ed: Couser NL. Elsevier. Expected early 2019.

## **Major Invited Speeches**

### **Local**

1. **Kaleem, MA**, Pediatric Ophthalmology Volunteer Experiences in Honduras, Lions Club International, Broadview Heights, OH, 2014.
2. **Kaleem, MA**, Novel Approaches in Challenging Glaucoma Surgical Cases, Roger P. Mason Sr. Glaucoma Symposium, Howard University Hospital, Washington D.C., 2014.
3. **Kaleem, MA**, Moderator, Surgery, Laser Therapy, and Wound Healing, ARVO, Baltimore, MD, 2017.
4. **Kaleem, MA**, Quality of Life Concerns for Glaucoma Patients, Maryland Society of Eye Physicians and Surgeons 11<sup>th</sup> Annual Combined Ophthalmic Convention, Baltimore, MD, 2017.
5. **Kaleem, MA**, Minimally Invasive Glaucoma Surgery, Washington D.C. Ophthalmological Society Annual Spring Meeting, Chevy Chase, MD, 2017.
6. **Kaleem, MA**, Quality of Life Concerns for Glaucoma Patients, Council on Optometric Practitioner Education, Annapolis, Maryland, 2017.
7. **Kaleem, MA**, An Overview of Glaucoma, Grand Rounds, Harbor Hospital, Baltimore, MD, 2017.
8. **Kaleem, MA**, Minimally Invasive Glaucoma Surgery, Maryland Optometric Association Annual Convention, Baltimore, MD, 2017.
9. **Kaleem, MA**, Low Vision 360: An Ophthalmologist's Clinical and Research Experience, ARVO Advocacy Meeting, Baltimore, MD, 2018.
10. **Kaleem MA**, Social Media and It's Impact on Practice, Maryland Society of Eye Physicians and Surgeons 12<sup>th</sup> Annual Combined Ophthalmic Convention, Baltimore, MD, 2018.
11. **Kaleem MA**, Panelist, Glaucoma Today, Roger P. Mason Sr. Glaucoma Symposium, Howard University Hospital, Washington D.C., 2018.
12. **Kaleem MA**, Low Vision Referral and the Glaucoma Doctor, Baltimore Washington Glaucoma Group Annual Meeting, Columbia, MD, 2018.

13. **Kaleem, MA**, Panelist, Ophthalmology Survivor: What is the Future of Solo Practice, Single/Multispecialty Groups, University/Hospital Owned Practices, and Venture Capital Buyouts?, Current Concepts in Ophthalmology, Johns Hopkins Medical Institute, Baltimore, MD 2019.
14. **Kaleem MA**, Complementary and Alternative Medicine in Glaucoma, Maryland Society of Eye Physicians and Surgeons 13<sup>th</sup> Annual Combined Ophthalmic Convention, Baltimore, MD, 2019.
15. **Kaleem, MA**, An Overview of Glaucoma, Grand Rounds, Mercy Medical Center, Baltimore, MD 2019.

### **National**

16. **Kaleem, MA**, Moderator, Visual Impairment and Visual Function, ARVO, Ft. Lauderdale, FL, 2012.
17. **Kaleem, MA**, Moderator, Keeping it Going: Strategies for Keeping your Vision Rehab Practice Alive and Well, AAO, Chicago, IL, 2016.
18. **Kaleem, MA**, Evidence for Depression and Anxiety in the Visually Impaired, AAO Annual Meeting, New Orleans, LA, 2017.
19. **Kaleem, MA**, Moderator, Technological Advancements in Vision Rehabilitation, AAO Annual Meeting, New Orleans, LA, 2017.
20. **Kaleem, MA**, Moderator, Computer and Social Networking Accessibility for the Visually Impaired, AAO Annual Meeting, Chicago, IL, 2018.
21. **Kaleem MA**, Complementary and Alternative Medicine in Glaucoma, EnVision Summit, Puerto Rico, 2019.

### **International**

22. **Kaleem MA**, An Ophthalmologist's Guide to Low Vision Aids and Applications for Glaucoma Patients, World Glaucoma Congress, Melbourne, Australia, 2019.

### **Proffered Communications**

1. Single Nucleotide Polymorphisms of Valosin-Containing Protein in Alzheimer's Disease. May 2005. National Institutes of Health. Post Baccalaureate Intramural Research Training Award Fellow Poster Day.
2. Prevalence of the Metabolic Syndrome in Hypertension Patients in the Baltimore Cardiovascular Partnership Program. August 2006. University of Maryland School of Medicine Summer Research Symposium, poster presentation.
3. Identification of a Novel Valosin-Containing Protein Polymorphism in Late Onset Alzheimer's Disease. February 2007. University of Miami School of Medicine. Eastern-Atlantic Student Research Forum.
4. Ocular Findings in HIV Positive Patients at Howard University Hospital. May 2011. Association of Research in Vision and Ophthalmology Meeting, poster presentation.
5. Ocular Findings in HIV Positive Patients in Washington D.C. in the HAART Era. July 2011. National Medical Association; Raab-Venable Program, poster presentation.
6. Thyroid Disease and the Glaucoma Patient. September 2011. Roger P. Mason Sr. Glaucoma Symposium.

7. Visual Characteristics of Elderly Night Drivers. May 2012. Association for Research in Vision and Ophthalmology Meeting, poster presentation.
8. Addressing Quality of Life Concerns for Glaucoma Patients. September 2012. Roger P. Mason Sr. Glaucoma Symposium.
9. The Utility of a Medical Student Run Glaucoma Screening Program. May 2013. Association for Research in Vision and Ophthalmology Meeting, poster presentation.
10. Clinical Outcomes of Pars Plana Tubes. May 2015. Association for Research in Vision and Ophthalmology Meeting, poster presentation.
11. Pediatric Anterior Segment Ultrasound Biomicroscopy Image Analysis: Intra and Interobserver Agreement. May 2016. Association for Research in Vision and Ophthalmology Meeting, poster presentation.
12. Referral to Low Vision Services for Glaucoma Patients. May 2016. Association for Research and Vision in Ophthalmology Meeting, poster presentation.
13. Intraocular Pressure Changes after DSAEK. May 2016. Association for Research and Vision in Ophthalmology Meeting, poster presentation.
14. Minimally Invasive Glaucoma Surgery. April 2017. Council on Optometric Practitioner Education, Columbia, Maryland.
15. Anterior Segment Growth from Infancy to Early Adulthood using UBM. May 2017. Association for Research and Vision in Ophthalmology Meeting, poster presentation.
16. Long-term Clinical Outcomes of Pars Plana Versus Anterior Chamber Placement of Glaucoma Tube Implants. May 2017. Association for Research and Vision in Ophthalmology Meeting, poster presentation.
17. Pain and Musculoskeletal Disorders Among Maryland Ophthalmologists. May 2017. Maryland Society of Eye Physicians and Surgeons Meeting, poster presentation.
18. Referral to Low Vision Services for Glaucoma Patients: Referral Criteria and Barriers. June 2017. International Society for Low Vision Research and Rehabilitation: Vision 2017.
19. Referral to Low Vision Services for Glaucoma Patients. September 2017. Third Annual Emerging Vision Scientists Congressional Reception, National Alliance for Eye and Vision Research, ARVO, poster presentation.
20. Symptoms of Musculoskeletal Disorders in Maryland Ophthalmologists. April 2018. American Society for Cataract and Refractive Surgeons Meeting.
21. Assessment of a Novel Open Access Tool for Automated Evaluation of Anterior Segment Structures in Patients with and without Glaucoma. October 2018. American Academy of Ophthalmology Meeting, poster presentation.
22. Structural Changes of the Ciliary Body and Ciliary Processes Measured by Ultrasound Biomicroscopy of Primary Congenital Glaucoma in Comparison to Glaucoma Following Congenital Cataract Surgery. March 2019. American Association for Pediatric Ophthalmology and Strabismus Meeting, poster presentation.