

CURRICULUM VITAE
Andrew W. Eller, MD
University of Pittsburgh
School of Medicine

BIOGRAPHICAL

Name:	Andrew W. Eller, M.D.	Birth Date:	May 9, 1952
Home Address:	1265 Murray Hill Avenue Pittsburgh, PA 15217	Birth Place:	Pontiac, Michigan
Home Phone:	(412) 512-5307	Citizenship:	United States
Business Address:	UPMC Vision Institute 1622 Locust Street Pittsburgh, PA 15219	E-Mail Address:	elleraw@upmc.edu
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EDUCATION AND TRAINING

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Subject</i>
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UNDERGRADUATE

7/1970-6/1973	Pennsylvania State University State College, PA	1973	Biology
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GRADUATE

9/1973-7/1976	Pahlavi University, Medical School Shiraz, Iran	1976	Medicine
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9/1976-6/1979	Drexel University College of Medicine (Formerly Hahnemann Medical College) Philadelphia, PA	MD – 1979	Medicine
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POSTGRADUATE

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Name of Program Director and Discipline</i>
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7/1979-6/1980	Presbyterian University of Pennsylvania Medical Center Philadelphia, PA	Medicine Internship
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7/1980-6/1983	Wills Eye Hospital Department of Ophthalmology Thomas Jefferson University Philadelphia, Pennsylvania	Ophthalmology Residency
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7/1983-6/1985	Vitreoretinal Diseases, Retina Associates, Eye Research of Retina Foundation and Massachusetts Eye & Ear Infirmary Boston, MA	Retina Fellowship
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APPOINTMENTS AND POSITIONS

ACADEMIC

<i>Dates</i>	<i>Name and Location of Institution</i>	<i>Name of Program Director and Discipline</i>
1985	Retina Associates Boston, MA	Chief Fellow
1986 – 1998	Eye & Ear Hospital of Pittsburgh Pittsburgh, PA	Director of Retina Clinic
1986 – 1990	Department of Ophthalmology University of Pittsburgh School of Medicine Pittsburgh, PA	Director of Residency Training
7/1985 – 11/1992	Retina & Vitreous Service University of Pittsburgh School of Medicine Pittsburgh, PA	Assistant Professor of Ophthalmology
11/1992 – 8/2010	Retina & Vitreous Service University of Pittsburgh School of Medicine Pittsburgh, PA	Associate Professor of Ophthalmology
8/2010 - Present	Retina & Vitreous Service University of Pittsburgh School of Medicine Pittsburgh, PA	Professor of Ophthalmology
1997 - 2002	UPMC Eye Care Network	Medical Director
2008 – Present	Department of Ophthalmology University of Pittsburgh School of Medicine Pittsburgh, PA	Director, Ocular Trauma Service
2023-present	Department of Ophthalmology University of Pittsburgh School of Medicine Pittsburgh, PA	Director, Retina Service and Retina Fellowship

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION

<i>Certifying Board</i>	<i>Year</i>
Board of Registration in Medicine	1980
American Board of Ophthalmology	1985
<i>Licensing Board/State</i>	<i>Year</i>
Pennsylvania	MD023708E - 1980

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

<i>Organization</i>	<i>Year</i>
Allegheny County Medical Society	1985
American Academy of Ophthalmology	1985
The American Society of Retina Specialists	1985
Association for Vision in Research & Ophthalmology	1985
Pennsylvania Academy of Ophthalmology	1985
Pennsylvania Medical Society	1985
Pittsburgh Ophthalmological Society	1985
Schepens International Society, Advisory Board	1985
The Retina Society	1985
Wills Eye Hospital Ex-Residents Society	1983

HONORS

<i>Organization</i>	<i>Year</i>
St. George Cancer Society Fellowship	1978
Shipman Award for Best Scientific Presentation	1982
Wills Eye Hospital	
Special Award for significant contributions, given by senior residents, Class of 1989	1989
Eye & Ear Hospital	
Honor Award	1990
American Academy of Ophthalmology	
President's Award	1991
Pittsburgh Blind Association	
Best Clinical Instructor (Class of 1993)	1993
Eye & Ear Hospital	
Best Paper of Session	1994
American Society of Cataract and Refractive Surgeons	
Boston, MA	
Clerkship Preceptor of the Year	2007
University of Pittsburgh School of Medicine	
Best Doctors in America	2006-2018

Senior Honor Award American Academy of Ophthalmology	2008
James R. Carl MD Clinical Instructor of the Year Presented by Senior Residents	2010-2011
James R. Carl MD Clinical Instructor of the Year Presented by Senior Residents	2013-2014
James R. Carl MD Clinical Instructor of the Year Presented by Senior Residents	2018-2019
James R. Carl MD Clinical Instructor of the Year Presented by Senior Residents	2023-2024
University of Pittsburgh School of Medicine, 4th year Pitt Med Student teaching award.	2017
University of Pittsburgh School of Medicine, Chief Resident Teaching Award	2018
UPMC 2021 Excellence in Patient Experience Award.	2021
University of Pittsburgh School of Medicine Department of Ophthalmology/Eye and Ear Foundation/UPMC Vision Institute Muse Prize	2024

PUBLICATIONS

Referreed Articles

1. Shields JA, Augsburger JJ, Bernardino V Jr, **Eller AW**, Kulczycki E: Melanocytoma of the Ciliary Body and Iris. *Am J Ophthalmol* 89: 632-635, 1980.
2. Larson BC, Kremer FB, **Eller AW**, Bernardino VB Jr: Quantitated Trauma Following Radial Keratotomy in Rabbits. *Ophthalmology* 90: 660-667, 1983.
3. **Eller AW**, Bernardino VB Jr: Blue Nevi of the Conjunctiva. *Ophthalmology* 90: 1469-1471, 1983.
4. Soong HK, **Eller AW**, Hirose T, Kenyon KR: In Situ Actin Distribution in Excised Retrolental Membranes in Retinopathy of Prematurity. *Arch Ophthalmol* 103: 1553-1556, 1985.
5. **Eller AW**, Jabbour NM, Hirose T, Schepens CL: Retinopathy of Prematurity. The Association of a Persistent Hyaloid Artery. *Ophthalmology* 94: 444-448, 1987.
6. Rehkopf P, Warnicki J, Friberg TF, **Eller AW**: Fluorescein Angiography Using Computer Image Processing Techniques. *Retina* 7: 246-251, 1987.
7. Jabbour NM, **Eller AW**, Hirose T, Schepens CL, Liberfarb R: Stage 5 Retinopathy of Prematurity. Prognostic Value of Morphologic Findings. *Ophthalmology* 94: 1640-1645, 1987.
8. Friberg TR, **Eller AW**: Pneumatic Repair of Primary and Secondary Retinal Detachments Using a Binocular Indirect Ophthalmoscope Laser Delivery System. *Ophthalmology* 95: 187-193, 1988.
9. Friberg TR, **Eller AW**: Serous retinal detachment resembling central serous chorioretinopathy following organ transplantation. *Graefe's Arch Clin Exp Ophthalmology* 228: 305-309, 1990.
10. Gardner TW, **Eller AW**, Friberg TR: Reduction of severe macular edema in eyes with poor vision after panretinal photocoagulation for proliferative diabetic retinopathy. *Graefe's Arch Clin Exp Ophthalmol* 229: 323-328, 1991.
11. **Eller AW**, Friberg TR: Panretinal Photocoagulation with the Indirect Ophthalmoscope Laser System Under General Anesthesia. *Ophthalmic Laser Therapy*. 3 (4): 217, 1990.
12. **Eller AW**, Gardner TW, D'Antonio J: Survey of Intravitreal Silicone Oil Usage in the United States. *Ophthalmology*. 99: 1174-1176, 1992.
13. Friberg TR, **Eller AW**: Prediction of Visual Recovery After Scleral Buckling of Macula-off Retinal Detachments. *Am. J. Ophthalmol.* 114: 715-722, 1992.
14. Kowalski RP, Karenchak LM, **Eller AW**: The Role of Ciprofloxacin in Endophthalmitis Therapy. *Am. J. Ophthalmol.* 116 (6): 695-699, 1993.
15. Donahue SP, **Eller AW**: Intraocular Candida Infection. *Seminars in Ophthalmology*. 8 (1): 70-76, 1993.
16. **Eller AW**, Novak K, Blecher M: Management of Vitreous Loss During Cataract Surgery. *Seminars in Ophthal.* 8(2): 104-108, 1993.
17. Donahue SP, Kowalski RP, **Eller AW**, DeVaro JM, Jewart BH: Empiric Treatment of Endophthalmitis. Are Aminoglycosides Necessary? *Arch Ophthalmology* 112: 45-47, 1994.
18. Donahue SP, Greven CM, Zoravleff JJ, **Eller AW**, Nguyen MH, Peacock Jr. JE, Wagener MM, Yu VL: Intraocular Candidiasis in Patients with Candidemia, Clinical Implications from a Prospective

Multicenter Study. *Ophthalmology*. 101: 1302-1309, 1994.

19. **Eller AW**, Adams EA, Fanous MA: Anterior Chamber Maintainer for Drainage of Suprachoroidal Hemorrhage. *Amer. Journal of Ophthalmology* 118: 258-259, 1994.
20. Gardner TW, **Eller AW**, Friberg TR, Hollis TM: Antihistamines Reduce Blood Retinal Barrier Permeability in Type 1 (Insulin-Dependent) Diabetic Patients with Nonproliferative Retinopathy: A Pilot Study. *Retina* 15(2):134-140, 1995.
21. Day R, Gorin MB, **Eller AW**: Prevalence of Lens Changes in Ukrainian Children Residing Around Chernobyl. *Health Physics* 68:632-642, 1995.
22. Goshorn EB, Hoover DL, **Eller AW**, Friberg TR, Jarrett WH2nd, Sorr EM. Subretinal Neovascularization in Children and Adolescents. *Journal of Pediatric Ophthalmology and Strabismus*. 32:178-82, 1995,
23. **Eller AW**, Barad RF: Miyake analysis of anterior vitrectomy techniques. *J Cataract Refractive Surgery* 22:213-217, 1996
24. Kowalski RP, Karenchak LM, Warren BB, **Eller AW**. Time-kill profiles of *Enterococcus* to antibiotics used for intravitreal therapy. *Ophthalmic Surgery and Lasers* 29: 295-299, 1998
25. **Eller AW**, Bontempo FA, Faruki H, Hassett AC. Peripheral retinal neovascularization associated with the Factor V Leiden mutation. *Amer. Journal of Ophthalmol* 126:146-149, 1998.
26. **Eller AW**, Mah FS, Friberg TR: Migration of silicone oil into the brain: a complication of silicone oil for retinal tamponade. *Amer J Ophthalmol* 129:685-688, 2000.
27. Friberg TR, **Eller AW**: Laser pneumatic retinopexy for repair of recurrent retinal detachment after failed scleral buckle - Ten years experience. *Ophthalmic Surgery and Lasers* 32:13-18, 2001.
28. Weeks DE, Conley YP, Tsai HJ, Mah TS, Rosenfeld PJ, Paul TO, **Eller AW**, Morse LS, Dailey JP, Ferrell RE, and Gorin MB: Age-related maculopathy: An expanded genome-wide scan with evidence of susceptibility loci within the 1q31 and 17q25 regions. *Amer J Ophthalmol* 132:682-692, 2001.
29. Friberg TR, Siska PE, Somayajula K, Williams J, **Eller AW**. Interactions of Perfluorocarbon Liquids and Silicone Oil As Characterized By Mass Spectrometry. *Graefe's Archive for Clinical and Experimental Ophthalmology*. 241:809-815, 2003.
30. Friberg TR, Pandya A, **Eller AW**. Non-mydratic panoramic fundus imaging using a non-contact scanning laser-based system. *Ophthalmic Surgery Lasers & Imaging* 34 (6):488-497, 2003.
31. Weeks DE, Conley YP, Tsai HJ, Mah TS, Schmidt S, Postel EA, Agarwal A, Haines JL, Pericak-Vance MA, Rosenfeld PJ, Paul TO, **Eller AW**, Morse LS, Dailey JP, Ferrell RE, and Gorin MB: Age-related maculopathy: A genomewide scan with continued evidence of susceptibility loci within the 1q31, 10q26, and 17q25 regions. *Amer J Hum Genet* 2004; 75:174-189.
32. Halfter W, Dong S, Schurer B, Ring C, Cole GJ, **Eller A**. Embryonic synthesis of the inner limiting membrane and vitreous body. *Invest Ophthalmol Visual Sci*, 2005; 46:2202-9.
33. Halfter W, Winzen U, Bishop PN, **Eller A**: Regulation of Eye Size by the Retinal Basement Membrane and Vitreous Body. *Invest. Ophthalmol. Visual Sci*. 2006; 47:3586-3594.
34. Ghajarnia M, Kurup S, **Eller A**: The Therapeutic Effects of Intravitreal Bevacizumab in a Patient with Recalcitrant Idiopathic Polypoidal Choroidal Vasculopathy. *Seminars in Ophthalmology* 22:127-131, 2007.
35. Im L, Atabay C, **Eller AW**: Papilledema Associated with Dialysis Disequilibrium Syndrome.

Seminars in Ophthalmology 22:133-135, 2007.

36. Halfter W, Dong S, Dong A, **Eller AW**, Nischt R: Origin and turnover of ECM proteins from the inner limiting membrane and vitreous body. *Eye*, 2008; 22:1207-1213.
37. Wilson RR, Silowash R, Anthony L, Cecil RA, Eller A. Telemedicine Process Used to Implement an Effective and Functional Screening Program for Diabetic Retinopathy. *J Diabetes Sc Technol* 2008; 2:785-91.
38. Labriola LT, Brant AM, **Eller AW**: Chronic Retinal Detachment with Secondary Retinal Macrocyst and Peripheral Neovascularization. *Seminars in Ophthalmology*. 2009; 24:2-4
39. Miller KV, **Eller AW**: Sclerochoroidal Calcifications: Wide-Field Imaging. *Seminars in Ophthalmology*. 2009; 24:5-8.
40. Dhaliwal DK, Farhi P, **Eller AW**, Kowalski RP: Late Capsular Block Syndrome Associated with *Propionibacterium acnes*. *Arch Ophthalmology*. 2011; 129:246-247.
41. Mayercik AB, **Eller AW**, Pihlblad MS: Fungal Endophthalmitis in Asthmatics Treated with Inhaled Corticosteroids. *Arch Ophthalmology*. 2011; 129:952-953.
42. Mayercik VA, **Eller AW**, Stefko ST: Ocular Injuries in All-Terrain-Vehicle Accidents. *Injury*. 2012; 43:1462-1465
43. **Eller AW**, Gorovoy TR, Mayercik VA: Yellow Corneal Ring Associated with Vitamin Supplementation for Age-Related Macular Degeneration. *Ophthalmology*. 119:1011-1016, 2012
44. Gorovoy IR, Gallagher DS, **Eller AW**, Mayercik VA, Friberg, TR, Schuman JS: Cystoid Macular Edema in Retinitis Pigmentosa without Associated Macular Thickening. *Seminars in Ophthalmology*. 28:79-83, 2013
45. Gorovoy IR, **Eller AW**: Endocyclophotocoagulation as an Adjuvant to Vitreoretinal Surgery in Cases With Concomitant Glaucoma. *Ophthalmic Surgery, Lasers and Imaging Retina*. 44(3):243-247, 2013
46. To M, Goz A, Camenzind L, Oertle P, Candiello J, Sullivan M, Henrich PB, Loparic, M, Safi F, **Eller A**, Halfter W. Diabetes-induced morphological, biomechanical, and compositional changes in ocular basement membranes. *Experimental Eye Research*. 116:298-307, 2013.
47. Gorovoy IR, **Eller AW**, Friberg TR, Coe R. Characterization of Pneumatic Retinopexy Failures and the Pneumatic Pump. A New Complication of Pneumatic Retinopexy. *Retina* 0:1–5, 2013
48. Kolomeyer AM, **Eller AW**, Martel JN. Spontaneous Resolution of Macular Epiretinal Membranes after Fluorescein Potentiated Argon Laser Treatment of Von Hippel-Lindau Associated Retinal Hemangiomas: Case Report and Review of Literature. *Retina Cases Brief Rep*. 2015 Sep 29.
49. Kovarik JJ, **Eller AW**, Willard LA, Ding J, Johnston JM, Waxman EL: Prevalence of undiagnosed diabetic retinopathy among inpatients with diabetes: the diabetic retinopathy inpatient study (DRIPS). *BMJ Open Diab Res Care* 2016;4:1 e000164 doi:10.1136/bmjdr-2015-000164 50.
50. Noori J, Bilonick RA, **Eller AW**: Scleral buckle surgery for primary retinal detachment without posterior vitreous detachment. *Retina*. 2016 May 11. (Epub ahead of print)
51. Ling J, Noori J, Safi F, **Eller AW**: Pneumatic Retinopexy for Rhegmatogenous Retinal Detachment in Pseudophakia. *Seminars in Ophthalmology* 2016, September 9. (published online)

52. Kodati S, **Eller AW**, Kowalski RP. The Susceptibility of Bacterial Endophthalmitis Isolates to Vancomycin, Ceftazidime, and Amikacin: A 23-Year Review. *Ophthalmology Retina* , 2017 May-Jun;1(3):206-209
53. Fu R, Kancherla S, **Eller AW**, Yu JY. Characteristics and Outcomes of Open Globe Trauma in the Urban versus Rural Population: A Single Center Retrospective Review. *Semin Ophthalmol*. 2017 Jul 5:1-5. doi: 10.1080/08820538.2017.1340488. [Epub ahead of print]
54. Ali FS, **Eller AW**, Dunn JP. Multifocal Choroiditis with Peripheral Subretinal Fibrosis and Optic Nerve Involvement. *Ophthalmology*. 2017 Aug;124(8):1251.
55. Taubenslag KJ, Doss MK, **Eller AW**. Pseudohypopyon in Adult-Onset Foveomacular Vitelliform Dystrophy. *JAMA Ophthalmol*. 2018 Jun 14;136(6)
56. Bostford B, Williams AM, Conner IP, **Eller AW**, Martel JN. Scleral Fixation of Posterior Chamber Intraocular Lenses Using Gore-Tex Suture: Clinical Outcomes From a Single Institution. *Journal of VitreoRetinal Diseases*. Vol 2, Issue 5. Aug 2018.
57. Lee J, **Eller AW**. Spontaneous closure of a chronic full thickness macular hole after failed surgery. *American Journal of Ophthalmology Case Reports*. 5-DEC-2018
58. Botsford BW, Williams AM, Conner IP, Martel JN, **Eller AW**. Scleral Fixation of Intraocular Lenses with Gore-Tex Suture: Refractive Outcomes and Comparison of Lens Power Formulas. *Ophthalmol Retina*. 2019 Jun;3(6):468-472. doi: 10.1016/j.oret.2019.02.005. Epub 2019 Feb 19.
59. Arnett JJ, Brodowska K, Gallagher DS, **Eller AW**, Friberg TR, Anetakis AJ, Martel JN. Relative quiescence of exudative age-related macular degeneration after resolution of postinjection endophthalmitis. *Retina*. 2019 Nov 28. doi: 10.1097/IAE.0000000000002666. [Epub ahead of print]
60. Williams AM, Nguyen VQ, Botsford BW, **Eller AW**. Bilateral acute retinal necrosis caused by two separate viral etiologies. *Am J Ophthalmol Case Rep*. 2020 Feb 28;18:100636. doi: 10.1016/j.ajoc.2020.100636. eCollection 2020 Jun
61. T. Banaee, M. Doss, **A.W. Eller**, Torpedo maculopathy complicated by choroidal neovascularization, *American Journal of Ophthalmology Case Reports* (2020), doi: <https://doi.org/10.1016/j.ajoc.2020.100772>.
62. Amarasekera S, Doss M, Banaee T, Kowalski RP, **Eller AW**. Endogenous Endophthalmitis: Recommendation for Empiric Dual Antibacterial and Antifungal Therapy. *Journal of VitreoRetinal Diseases*. Online September 2020. May 1, 2021: 5:3: 208-215 doi:10.1177/2474126420939725
63. Botsford BW, Nguyen VQ, **Eller AW**. Acute Retinal Necrosis: Difference in Outcome by Viral Type and Options for Antiviral Therapy. *Retina*. 2021 Jul 1;41(7):1547-1552. doi: 10.1097/IAE.0000000000003058. PMID: 34137387.
64. Mebsout-Pallado C, Orès R, Terrada C, Dansingani KK, Chhablani J, **Eller AW**, Martel JN, Anetakis A, Harwick JC, Waxman EL, Gallagher DS, Prensky C, Indermill C, Sedira N, Héron E, Paques M, Brignole-Baudouin F, Bodaghi B, Sahel JA, Gaudric A, Mrejen S, & Errera MH. (2021) Review of the Current Literature and Our Experience on the Value of OCT-angiography in White Dot Syndromes, *Ocular Immunology and Inflammation*, DOI: 10.1080/09273948.2020.1837185
65. Kowalski R, Kamyar R, Rhee M, Mammen A, Dhaliwal D, Romanowski EG, Jhanji V, **Eller AW**. The Antibacterial Comparison of 5% and 2.5% Povidone Iodine to 0.01% Hypochlorous Acid Using Corneoscleral Tissue as a Solid-Phase Medium. *Clinical Ophthalmology* 2021, Sept 1. 15:3697-3704
66. O'Donnell M, **Eller AW**, Waxman EL, Clancy CJ, Nguyen MH. Screening for ocular candidiasis among patients with candidemia: Is it time to change practice? *Clin Infect Dis*. 2022 Mar 24:ciac233. doi: 10.1093/cid/ciac233. Epub ahead of print. PMID: 35325089.

67. O'Donnell M, **Eller AW**, Waxman EL, Clancy CJ, Hong Nguyen M. Reply to Breazzano et al. Clin Infect Dis. 2022 Sep 30;75(7):1271-1272. doi: 10.1093/cid/ciac350
68. Denier M, Tick S, Dubois R, Dulery R, **Eller AW**, Suarez F, Burrone B, Maurage C-A, Bories C, Konopacki J, Puech M, Bouscary D, Cantalloube A, Héron E, Marçais A, Habas C, Theillac V, Keilani C, Bonhomme GR, Gallagher DS, Boumendil J, Abarah W, Sedira N, Bertin S, Choquet S, Sahel J-A, Merabet L, Brignole-Baudouin F, Putterman M, Errera M-H. Hidden in the Eyes—Recurrence of Systemic Hemopathies Reportedly “In Remission”: Six Cases and Review of Literature. Medicina. 2022; 58(3):456. <https://doi.org/10.3390/medicina58030456>
69. Adeghate J, Yadav S, Kowalski RP, Juhasz E, Kristof K, Olsen KR, Bergen RL, Knickelbein JE, Chhablani J, Martel JN, Anetakis A, Dansingani KK, Rosi B, Gallagher DS, **Eller AW**, Friberg TR, Sahel JA, Errera MH. Coagulase-negative staphylococcal endophthalmitis: clinical severity and outcomes based on speciation. Canadian Journal of Ophthalmology. June 12, 2023. <https://doi.org/10.1016/j.cjco.2023.05.014>
70. Adeghate JO, Epperly MW, Davoli KA, Lathrop KL, Wipf P, Hou W, Fisher R, Thermoziere S, Huq MS, Sahel J-A, **Eller AW** et al. JP4-039, a Mitochondria-Targeted Nitroxide, Mitigates the Effect of Apoptosis and Inflammatory Cell Migration in the Irradiated Mouse Retina. International Journal of Molecular Sciences. 2024; 25(12):6515. <https://doi.org/10.3390/ijms2512651>
71. Bonilla-Escobar FJ, Ghobrial AI, Gallagher DS, **Eller A**, Waxman EL. Comprehensive insights into a decade-long journey: The evolution, impact, and human factors of an asynchronous telemedicine program for diabetic retinopathy screening in Pennsylvania, United States. PLoS One. 2024 Jul 12;19(7):e0305586. doi: 10.1371/journal.pone.0305586. PMID: 38995899; PMCID: PMC11244789.
72. Sadeghi E, Vupparaboina SC, Bollepalli SC, Vupparaboina KK, Agarwal K, Sahel JA, **Eller AW**, Chhablani J. Incidence and risk factors of fellow-eyes wet conversion in unilateral neovascular age-related macular degeneration over 15-year follow-up. Graefes Arch Clin Exp Ophthalmol. 2024 Aug 23. doi: 10.1007/s00417-024-06605-8. Epub ahead of print. PMID: 39174817.
73. Khateb S, Ghiam S, Safran J, Martel JN, Alabek M, Nischal KK, Errera MH, **Eller AW**, Friberg TR, Chowers I, Sahel JA, Banin E, Rosin B. Bilateral Idiopathic Multifocal Pigment Epithelial Detachments: A Case Series and Review of Literature. Retina. 2025 May 6. doi: 10.1097/IAE.0000000000004513. Epub ahead of print. PMID: 40359333.

Referred Publications from Participation in Multi-Centered Clinical Trials

1. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: Preliminary Results. Arch Ophthalmol 106: 471-479, 1988.
2. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Multicenter trial of cryotherapy for retinopathy of prematurity: Three-Month Outcome. Arch Ophthalmol 108: 195-204, 1990.
3. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Multicenter trial of cryotherapy for retinopathy of prematurity: One-Year Outcome, Structure and Function. Arch Ophthalmol 108: 1408, 1990.
4. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Incidence and Early Course of Retinopathy of Prematurity. Ophthalmology. 98: 1628-1640, 1991.
5. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. The Correlation of Visual Function with Posterior Retinal Structure in Severe Retinopathy of Prematurity. Arch Ophthalmology 110: 625-631, 1992.
6. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Ocular Cosmesis in Retinopathy

of Prematurity. Arch Ophthalmol 110, 1992.

7. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Prognostic Factors on the Natural Course of Retinopathy of Prematurity. Ophthalmology. 100: 230-237, 1993.
8. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Multicenter Trial of Cryotherapy for Retinopathy of Prematurity. Arch Ophthalmology 111: 339-344, 1993.
9. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. The Natural Ocular Outcome of Premature Birth and Retinopathy. Arch Ophthalmology 112, 903-912, 1994.
10. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Correlation of retinopathy in fellow eyes in the cryotherapy for retinopathy of prematurity study. Arch Ophthalmology 113: 469-473, 1995.
11. Richard-James Silicone Oil Study Group. Silicone Oil in Repair of Retinal Detachments Caused by Necrotizing Retinitis in HIV Infection. Arch Ophthalmology 113:1401-1409, 1995.
12. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Early Retinal Vessel Development and Iris Vessel Dilation as Factors in Retinopathy of Prematurity. Arch Ophthalmology 114: 150-154, 1996.
13. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Visual Acuity of Eyes after Vitrectomy for Retinopathy of Prematurity: Follow-up at 5 1/2 years. Ophthalmology 103: 595-600, 1996.
14. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Visual Fields Measured with Double-arc Perimetry in Eyes with Threshold Retinopathy of Prematurity from the Cryotherapy for Retinopathy of Prematurity Trial. Ophthalmology 103: 1432-1437, 1996.
15. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Racial Variation in Retinopathy of Prematurity. Arch Ophthalmology 115: 604-608, 1997.
16. Richard-James Silicone Oil Study Group. Azen SP, Scott IU, Flynn HW Jr. et al. Silicone Oil in the Repair of Complex Retinal Detachments, A Prospective Observational Study. Ophthalmology 105:1587-1597, 1998.
17. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. The Incidence of Ophthalmologic Interventions in Children with Birth Weights Less Than 1251 Grams, Results Through 5 1/2 Years Ophthalmology 105:1621-1627, 1998.
18. The Age-Related Eye Disease Study Research Group. Design Paper, The age-related eye disease study (AREDS): design implications AREDS Report No. 1. Controlled Clinical Trials 20:573-600, 1999.
19. The Age-Related Eye Disease Study Research Group. The age-related eye disease study (AREDS): A clinical trial of Zinc and antioxidants, AREDS report No. 2. Journal of Nutrition, 130:1516S-1519S, 2000.
20. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Involution of Retinopathy of Prematurity. Arch Ophthalmology 118:645-649, 2000.
21. The Age-Related Eye Disease Study Research Group. Risk Factors Associated with Age Related Macular Degeneration. A Case-control Study in the Age-Related Eye Disease Study: Age-Related Eye Disease Study Report Number 3. Ophthalmology 107:2224-2232, 2000.
22. The Age-Related Eye Disease Study Research Group. AREDS Cataract Grading System. Age-Related Eye Disease Study Report Number 4. Amer J Ophthalmol 131:167-175, 2001.

23. Cooperative Group, Cryotherapy for Retinopathy of Prematurity. Does Cryotherapy Affect Refractive Error? Results from Treated versus Control Eyes in The Cryotherapy for Retinopathy of Prematurity Trial. Ophthalmology 108:343-347, 2001.
24. The Age-Related Eye Disease Study Research Group. Risk factors associated with age-related nuclear and cortical cataract: A case-control study in the Age-Related Eye Disease Study, AREDS Report Number 5. Ophthalmology 108:1400-1408, 2001.
25. The Age-Related Eye Disease Research Group: The Age-Related Eye Disease Study (AREDS) system for classifying age-related macular degeneration from stereoscopic color fundus photographs. AREDS Report No.6. Am J Ophthalmol 132: 668-681, 2001.
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31. Chang BM, **Eller AW**, Friberg TR: Optos Ultrawidefield Panoramic 200: Retinal Screening Technology and Its Potential Applications. Invest. Ophthalmology & Visual Sciences 41:876, 2000.
32. Stefko S, Kerrison J, Arnould V, Sallum J, Gorin M, **Eller A**, Maumenee I: Kjer Type Dominant Optic Atrophy in a New Kindred Maps to 3q28-29. Invest. Ophthalmology & Visual Sciences 41:1651, 2000.
33. Mather R, Kowalski RP, Karenchak LM, Romanowski EG, **Eller AW**: The In Vitro Potency of 2nd, 3rd, and 4th Generation Fluoroquinolones for Bacterial Endophthalmitis Isolates. Invest. Ophthalmology & Visual Sciences 42:1358, 2001.
34. Zhu W, Friberg TR, **Eller AW**, Corbin P, Chang BM: Use of Optos Non-Mydriatic Widefield Imaging System for Diabetic Screening. Invest. Ophthalmology & Visual Sciences 42:3969, 2001.
35. Pandya AN, Friberg TR, **Eller AW**: Optos Non-Mydriatic Widefield Imaging vs. Clinical Dilated Fundus Exam for Retina Diagnosis and Management. Invest. Ophthalmology & Visual Sciences

43:2860, 2002.

36. **Eller AW**, Dong S, Balasubramani M, Halfter, W: Synthesis and Turnover of Inner Limiting Membrane and Vitreous Body Proteins in the Chick Eye. Invest. Ophthalmology & Visual Sciences 45:5333, 2004.
37. Huang L, Friberg TR, **Eller AW**: Ultra Wide Angle Fluorescein Angiographic Imaging of Pre-Proliferative Diabetic Retinopathy. Invest. Ophthalmology & Visual Sciences 46:369, 2005.
38. Halfter W, Dong S, **Eller A**: Embryonic Synthesis of the Inner Limiting Membrane and Vitreous Body. Invest. Ophthalmology & Visual Sciences 46:2439, 2005.
39. Kuo A, Yu J, **Eller A**, Noecker R: UGH Syndrome Associated with the Acrysof SA60 Intraocular Lens Following Placement Within the Capsular Bag. Invest. Ophthalmology & Visual Sciences 47:616, 2006.
40. Bremer RW, Gorin MB, **Eller AW**, Friberg TR, Noecker RJ, Rollman BL, Schuman, Pincus HA: Pilot Study of the Relationship Among Depression and Visual Impairment in Older Adults. Invest. Ophthalmology & Visual Sciences 47:3463, 2006.
41. Ho LY, Ghajarnia M, Abdelghani WM, **Eller AW**, Friberg TR. Success of Pneumatic Retinopexy Followed by Laser versus Cryotherapy for Treatment of Retinal Detachments. Invest. Ophthalmology Vis. Sci. 2007 48: E-Abstract 5767.
42. Wals KT, Kowalski RP, Bergren RL, **Eller AW**. Etiologies of Gram Negative Endophthalmitis, Invest. Ophthalmol. Vis. Sci. 2007 48: E-Abstract 701.
43. Ghajarnia M, Ho LY, Abdelghani WM, **Eller AW**, Friberg TR, Schwartz S. OPTOS Panoramic 200 Imaging versus Standard Fundus Photography in Measurement of Pigmented Choroidal Lesions Invest. Ophthalmol. Vis. Sci. 2007 48: E-Abstract 1204.
44. Bettencourt L, Zgibor JC, Silowash R, Wilson R, Anthony L, **Eller A**. Outcomes from a Diabetic Retinopathy Screening Study Implemented in Clinic and Community Settings. American Diabetes Association, Chicago, IL, June 2007.
45. Gallagher DS, **Eller A**, Gorin MB, Pantcheva M, Wollstein, G, Schuman J. OCT Diagnosis of Cystoid Macular Edema in Patients with Retinal Thinning from Retinitis Pigmentosa. Invest. Ophthalmol. Vis. Sci. 2008 49: E-Abstract 2177.
46. **Eller AW**, Friberg TR, Bilonick RA, Brennen PM, Palaiou M. Drusen Size and Its Relationship to Total Drusen Area in AMD. Invest. Ophthalmol. Vis. Sci. 2009 50: E-Abstract 957.
47. Wilson RR, **Eller AW**, Zgibor JC, Chen CY, Siminerio LM. Testing an Educational Program Designed to Assess Knowledge of Diabetic Eye Disease. Invest. Ophthalmol. Vis. Sci. 2009 50: E-Abstract 1372.
48. Miller KV, **Eller AW**, Friberg, TR. Peripheral Retinal Vascular Leakage in Retinitis Pigmentosa Evaluated with Optos Widefield Fluorescein Angiography. Invest. Ophthalmol. Vis. Sci. 2010 51: E-Abstract 4044.
49. Rarey K, Friberg T, **Eller A**. The Optos Imaging System as an Ophthalmoscope: Fundus Assessment of Problem Eyes Where Conventional Examination Techniques Fail. Invest. Ophthalmol. Vis. Sci. 2010 51: E-Abstract 4367.
50. Brennen P, Friberg T, **Eller A**, Rosenthal S. Pegaptanib Sodium and its Effect on Retinal Thickness and Retinal Ischemia. Invest. Ophthalmol. Vis. Sci. 2011 52: E-Abstract 1701.

51. Chen W, Friberg T, **Eller A**, Medina C. Advances in Retinal Imaging of Eyes with Hazy Media: Further Studies. Invest. Ophthalmol. Vis. Sci. 2011 52: E-Abstract 4036.
52. Coe R, Gorovoy I, Mayercik V, Friberg T, **Eller A**. Pneumatic Retinopexy Failures and The Pneumatic Pump: A New Complication. Invest. Ophthalmol. Vis. Sci. 2011 52: E-Abstract 6165.
53. Kaufman M, Medina-Mendez C, Friberg T, **Eller A**. Evaluation of peripheral retinal vasculitis in retinitis pigmentosa using wide-field fluorescein angiography. Invest. Ophthalmol. Vis. Sci. 2013 5: E-Abstract 4018.
54. Medina-Mendez C, Kaufman M, **Eller A**, Friberg T. Correlation of Posterior Inflammatory Leakage and Cystoid Macular Edema with Retinal Pigment Epithelium Atrophy in Retinitis Pigmentosa Evaluated with Optos Wide-field Fluorescein Angiography and Spectral Domain OCT. Invest. Ophthalmol. Vis. Sci. 2013 5: E-Abstract 4908.
55. Neamtu V, Kowalski I, Neamtu C, **Eller A**. The Use of Polymerase Chain Reaction from Anterior Chamber Paracentesis Samples in the Diagnosis of Suspected Infectious Posterior Uveitis. Invest. Ophthalmol. Vis. Sci. 2014 55: E-Abstract 5292
56. Ahn M, **Eller A**, Wang B, Mitchell E, Schuman J, Lu C, Grulkowski I, Fujimoto J, Wollstein G, Bonhomme G. Imaging of optic disc drusen: Swept-Source (SS)-OCT versus B-scan ultrasound. Invest. Ophthalmol. Vis. Sci. 2015 56: E-Abstract C0277
57. Noori J, Trichonas G, Neamtu V, **Eller A**. Scleral Buckle Surgery for Primary Retinal Detachment without Posterior Vitreous Detachment. Invest. Ophthalmol. Vis. Sci. 2015 56: E-Abstract C0107
58. Neamtu V, Friberg T, **Eller A**. Identification and Management of Peripheral Retinal Ischemia in Intermediate Uveitis Using Ultra-Widefield Fluorescein Angiography. Invest. Ophthalmol. Vis. Sci. 2015 56: E-Abstract C0212
59. Kodati S, **Eller AW**, Kowalski RP: Which Gram-Negative Antibiotic Complements Vancomycin for Broad-Spectrum Coverage of Endophthalmitis: Amikacin or Ceftazidime? Invest. Ophthalmol. Vis. Sci. 2016 57: E-Abstract 4508-BO118
60. Noori J, Trichonas G, Martel JN, **Eller AW**: Analysis of Predisposing Factors and Management Course of Endogenous Fundal Endophthalmitis: A Five-Year Experience in a Tertiary Referral Center. Invest. Ophthalmol. Vis. Sci.. 2016; 57(12):6386. doi:
61. Noori, J. N. Martel, M. Doss, **A. W. Eller**. Review of Clinical Characteristics of Peripapillary Choroidal Neovascularization. . Invest. Ophthalmol. Vis. Sci.. 2017; 58(8):1500. doi:
62. Andrew M. Williams, B. Botsford, I. Conner, **A. W. Eller**, J. Martel. Scleral fixation of posterior chamber intraocular lenses using Gore-Tex suture: clinical outcomes from a single institution case series. . Invest. Ophthalmol. Vis. Sci.. 2018; 59(9):875. doi:
63. Maxine R. Miller, J. Noori, T. Banaee, Y. Wang, C. Komatsu, B. L., W. Chen, K. L. Lathrop, J. Barnett, J. S. Schuman, W. Zhang, M. G. Solari, J. Sahel, **A. W. Eller**, K. M. Washington. Retinochoroidal Blood Flow is Demonstrated in an Orthotopic Vascularized Whole Eye Transplant Model. Invest. Ophthalmol. Vis. Sci.. 2018; 59(9):4999. doi:
64. Benjamin Botsford, A. LAHAM, G. Bonhomme, S. Desai, T. G. Jovin, **A. W. Eller** Intra-arterial Thrombolysis for Central Retinal Artery Occlusion.. Invest. Ophthalmol. Vis. Sci.. 2018; 59(9):5445. doi:
65. Sohani Amarasekera, Mallika Doss, Touka Banaee, Regis Kowalski, **Andrew Eller** Epidemiology, clinical features and outcomes of bacterial and fungal endogenous endophthalmitis at a tertiary care hospital. Invest. Ophthalmol. Vis. Sci. 2019 60: E-Abstract 2024 - B0043

66. Vincent Nguyen, Benjamin Botsford, **Andrew Eller** Acute Retinal Necrosis: Which has a worse prognosis - Herpes Simplex or Varicella Zoster? Invest. Ophthalmol. Vis. Sci. 2019 60: E-Abstract 3952 - A0451

Presentations At Scientific Meetings:

1. Association of Acquired Melanosis and Melanocytic Nevi. Wills Eye Hospital Annual Conference, March 1978.
2. Histology of Metastatic Foci of Primary Ocular Melanomas, Wills Eye Hospital Annual Conference, March 1989.
3. Localized Melanocytic Lesions of the Conjunctiva, Wills Eye Hospital Annual Conference, March 1979.
4. Orbital Pseudolymphoma: Histological Distinction from Lymphoma, Wills Eye Hospital Annual Conference, March 1979.
5. Problems in the Management of Malignant Melanomas, Wills Eye Hospital Annual Conference, April 1980.
6. Pathologic Changes in Rabbit Corneas Following Radial Keratotomy, Wills Eye Hospital Annual Conference, April 1981.
7. Proposed Mechanisms of Glaucoma in Epithelialization of the Anterior Chamber: A Histopathological Study, Wills Eye Hospital Annual Conference, April 1981.
8. Just a Pigment of Our Imagination ? Congenital Nevi of the Conjunctiva, Wills Eye Hospital Annual Conference, April 1981.
9. Pathology of Eye Wall Biopsy in Severe Uveitis, Wills Eye Hospital Annual Conference, April 1982.
10. Eye Wall Biopsy in Severe Uveitis, American Academy of Ophthalmology, San Francisco, November 1982.
11. Benign Melanocytic Lesions of the Conjunctiva, Poster, American Academy of Ophthalmology, San Francisco, November 1982.
12. Visual Results Following Vitreous Loss at Wills Eye Hospital, Wills Eye Hospital Annual Conference, February 1983.
13. Spontaneous Expulsive Choroidal Hemorrhage, Wills Eye Hospital Annual Conference, February 1983.
14. Acute Retinal Necrosis, Wills Eye Hospital Annual Conference, February 1983.
15. Pathology of Retrolental Membranes in Retinopathy of Prematurity, Wills Eye Hospital Annual Conference, March 1985.
16. Pathology of Retrolental Membranes in Retinopathy of Prematurity, Antwerp-Boston Retina Meeting, Antwerp, Belgium, May 29, 1985.
17. Pathology of Retrolental Membranes in Retinopathy of Prematurity. Pennsylvania Academy of Ophthalmology & Otolaryngology. Bedford Springs, PA June 1985..
18. Retinopathy of Prematurity: The Association of a Persistent Hyaloid Artery. American Academy

of Ophthalmology. San Francisco, CA October 1985.

19. Pseudo-UGH Syndrome. American Society of Cataract & Refractive Surgeons, Los Angeles, CA, April 1986.

20. Management of Branch Retinal Vein Occlusions, Pennsylvania Academy of Ophthalmology & Otolaryngology. Hershey, PA June 1986.

21. Pathology of Proliferative Vitreoretinopathy. Alumni Day. Eye & Ear Hospital of Pittsburgh, March 1987.

22. Pneumatic Retinopexy with the Binocular Indirect Ophthalmoscopic Laser System. Schepens Alumni Society, Boston, MA June 1987.

23. Pneumatic Retinal Re-attachment Using a Binocular Indirect Ophthalmoscope Laser Delivery System. American Academy of Ophthalmology. Las Vegas, October 1987.

24. Management of Cataracts in Diabetic Retinopathy. American Society of Cataract and Refractive Surgeons. Washington DC April 1988.

25. Improvement of Diabetic Macular Edema after PRP. Schepens International Society, Paris, France, May 1988.

26. Sutured Posterior Chamber IOL's and Pars Plana Vitrectomy. Schepens Alumni Society, Boston, MA June 1990

27. Sutured Posterior Chamber IOL's and Pars Plana Vitrectomy. Pennsylvania Academy of Ophthalmology & Otolaryngology. Hershey, PA June 1990.

28. Combined Traumatic Glaucoma and Retinal Detachment. Pennsylvania Academy of Ophthalmology & Otolaryngology. Hershey, PA June 1990.

29. Pneumatic Retinopexy for Recurrent Retinal Detachments After Scleral Buckle. Retina Society, Key Largo, FL October 1990.

30. Pneumatic Retinopexy for Recurrent Retinal Detachments After Scleral Buckle. Combined Meeting of the Pennsylvania Academy of Ophthalmology and the Wills Eye Hospital Annual Conference, April 1991.

31. Ocular Involvement in Hospitalized Patients with Candidemia. Nantucket Retina Meeting, Nantucket, MA August 3, 1991.

32. Are Aminoglycosides Necessary in the Empiric Therapy of Bacterial Endophthalmitis? Schepens Alumni Society. Boston, MA, June 1992.

33. Prevalence of Lens Changes in Children Exposed to Ionizing Radiation from the Chernobyl Nuclear Accident. International Congress on Ocular Radiation Injury. Jaremche, Ukraine, October 1992.

34. Vitreous Cultures in Infectious Endophthalmitis: Vitreous Biopsy or Vitrectomy ? American Academy of Ophthalmology, Dallas, TX, November 1992.

35. Subretinal Neovascular Membranes in Children and Adolescents. American Academy of Ophthalmology. Dallas, TX, November 1992.

36. A Cross-Sectional Study of Lens Changes in Children From Exposed and Non-Exposed Regions Surrounding the Chernobyl Nuclear Reactor. ARVO, May 1993.

37. Empiric Treatment of Endophthalmitis. American Academy of Ophthalmology. Chicago, IL

November 1993.

38. Miyake Analysis of Anterior Vitrectomy Technique. ASCRS - Video Film Festival and Platform Presentation. Boston, MA, April 1994.
39. Miyake Analysis of Anterior Vitrectomy Techniques. Wills Eye Hospital Annual Conference April 1994.
40. Hospital Evaluation of Central Retinal Artery Occlusion. Retina Society. Sante Fe, NM. September 1995
41. Acute Glaucoma During Cataract Surgery. Wills Eye Hospital Annual Conference March 1997.
42. An Algorithm for the Management of Positive Pressure During Cataract Surgery. American Society of Cataract and Refractive Surgeons. Boston, MA, April 1997.
43. Intraocular Antimicrobial Therapy. Retina Society. Vancouver, Canada September 1997.
44. Cataract Management During Vitreoretinal Surgery. Vitreous Society. Inside Passage, Alaska. July 1998.
45. Optos Ultra Widefield Panoramic 2000: Screening for Diabetic Retinopathy. Retina Society. Miami, FL December 2000.
46. Propionibacterium Acnes Associated With Late Capsular Block Syndrome. American Society of Cataract and Refractive Surgery, San Francisco, California, April 2003.
47. Characterization and Histogenesis of the Basal Lamina (Internal Limiting Lamina) of the Chick Embryo. Schepens International Society. Brugge, Belgium July 2003
48. Late Propionibacterium Acnes Infection Sequestered within the Capsular Bag. Retina Society. Chicago, IL September 2003.
49. Characterization and Histogenesis of the Basal Lamina (Internal Limiting Lamina) of the Chick Embryo. Retina Society. Baltimore, MD September 2004.
50. Two Adolescents with History of Neonatal HSV 1 Infection and Acute Retinal Necrosis. American Uveitis Society. Snowbird, UT January 2005.
51. An Unusual Presentation of Serpiginous Choroidopathy. American Uveitis Society. Vail, CO January 2006.
52. Assessing the Capabilities and Effectiveness of a Teleophthalmology Screening Program. American Tele-Medicine Association. San Diego, CA May 2006.
53. Retinal Screening Workflow of the Populace at Health Fairs. American Tele-Medicine Association. San Diego, CA May 2006.
54. Lessons Learned from a Teleophthalmology Program in the US Air Force. American Tele-Medicine Association. San Diego, CA May 2006.
55. The Pneumatic Pump: An Explanation for the Failure of Pneumatic Retinopexy. Combined Meeting of the The Club Jules Gonin and The Retina Society. Capetown, South Africa, October 2006.
56. A Case of Syphilis Presenting as Necrotizing Retinitis. American Uveitis Society, Aspen, CO January 2007.
57. Macular changes after Endocyclophotocoagulation (ECP). American Glaucoma Society, San

Francisco, CA, March 2007.

58. Implementation and Acceptance of Teleophthalmology for Retinal Screening in Clinics. American Telemedicine Association, Nashville, TN May 15, 2007.
59. Optical Coherence Tomography Diagnosis of Cystoid Macular Edema in Patients with Retinitis Pigmentosa. The Retina Society, Scottsdale, AZ September 26, 2008.
60. Presentation of "Unknown" Case (Candida Endophthalmitis) Presenting with Bilateral Hypopyons. American Uveitis Society, Sarasota, FL February 2009.
61. Endocyclophotocoagulation (ECP) as an Adjuvant to Vitreo-Retinal Surgery in Cases with Concomitant Glaucoma, Retina Congress, New York, September 2009.
62. Ocular Injuries in All-Terrain-Vehicle Accidents in Southwestern Pennsylvania, American Academy of Ophthalmology, Chicago, October 2010.
63. Presentation of "Delayed Retinal Filling in Patient with Carcinoma Associated Retinopathy, Atlantic Coast Fluorescein Conference, Philadelphia, PA January 2011.
64. Presentation of Acute Exudative Polymorphous Vitelliform Maculopathy Syndrome, North Coast Retina Symposium II. Cole Eye Institute, Cleveland Clinic, May 2011.
65. Presentation of a Case of AZOOR with Brush Border. American Uveitis Society, Park City, UT January 2012.
66. Peripheral Yellow Corneal Rings from Vitamin Supplementation for Age-Related Macular Degeneration. World Ophthalmology Congress. Abu Dhabi. February 2012.
67. Presentation of CRVO: what is the endpoint, Case of Relentless Plaquoid, and Yellow Corneas, North Coast Retina Symposium III. Cole Eye Institute, Cleveland Clinic, May 2012.
68. Unusual Presentation of Ocular TB. American Uveitis Society, Park City, UT January 2013.
69. Presentation of Atypical Central Serous Chorioretinopathy. North Coast Retina Symposium IV. Cole Eye Institute, Cleveland Clinic, May 2013.
70. CMV Retinitis – with and without HIV. American Uveitis Society, Park City, UT January 2014.
71. Peripheral Retinal Granuloma Secondary to Caterpillar Hairs. American Uveitis Society, Park City, UT January 2015.
72. Unusual Case of a Progressive "Leopard Spot" Retinopathy. North Coast Retina Symposium VI. Cole Eye Institute, Cleveland Clinic, May 2015.
73. Scleral Buckle Surgery for Primary Retinal Detachment without Posterior Vitreous Detachment. Retina Society. Paris, France October 2015.
74. Proptosis, Retinal Vasculitis, and Rosai-Dorfman in HIV. American Uveitis Society, Park City, UT January 2016.
75. Unusual Case of a Peripheral Proliferative Retinopathy. North Coast Retina Symposium VI. Cole Eye Institute, Cleveland Clinic, May 2016.
76. Sonothrombolysis in Retinal Vein Occlusion. Retina Subspecialty Day. American Academy of Ophthalmology, Chicago, October 2016
77. Unusual Case of Fungal Endophthalmitis. North Coast Retina Symposium VII. Cole Eye Institute,

Cleveland Clinic, June 2017

78. Clinical Characteristics of Peripapillary Choroidal Neovascularization, Jila Noori, A.W. Eller. Retina Society Annual Meeting. Boston, MA. October 2017.
79. I See an Eagles Head in my Vision: A Case of Paramacular Acute Middle Maculopathy (PAMM). North Coast Retina Symposium, Cole Eye Institute IX, Cleveland Clinic, 5/18-19/2018
80. Retinal and Choroidal Blood Flow after Whole Eye Transplantation in an Orthotopic Vascularization Small Animal Model, Retina Society Annual Meeting, San Francisco, CA, 9/15-18/2018
81. Necrotizing Retinitis: VZV and EBV. American Uveitis Society, Park City, UT. January 2019.
82. Mouse Model For The Study Of Acute Radiation Retinal Toxicity A.W. Eller, R. Fisher, W. Hou, K. Davoli, M.W. Epperly, M.S. Huq, J. Chang, J.A. Sahel, P. Wipf, J.S. Greenberger. The Club Jules Gonin annual meeting – virtual – 9/3/2020.
83. Prophylactic Antiseptics: A Novel In Vitro Comparison of 5% and 2.5% Povidone Iodine to 0.01% Hypochlorous Acid and 0.1% Chlorhexidine. Retina Society, Pasadena, California November 3, 2022
84. “CNS Lymphoma with Unknown Maculopathy”, Winter Symposium of the American Uveitis Symposium, Park City, UT 1/16/2023
85. A Case Series of Bilateral Idiopathic Multiple Pigment Epithelial Detachments (IMPED), Retina Society, New York, 10/13/23
86. Encircling Scleral Buckle with Absorbable Suture, Retina Society, New York, 10/13/23

Editorial Responsibilities:

Reviewer: JAMA (Archives) Ophthalmology 1990 – 1992, 1994, 1996, 2000, 2002, 2006, 2007, 2009, 2010, 2012, 2013, 2016, 2018, 2023

Reviewer: Ophthalmology 1993, 2003, 2010, 2012, 2023

Reviewer: Investigative Ophthalmology & Visual Science 1994

Reviewer: Survey of Ophthalmology 1995, 2014

Reviewer: Comprehensive Ophthalmology Update 2000

Reviewer: Pediatric Diabetes 2002

Reviewer: British Journal of Ophthalmology 2002

Reviewer: Comprehensive Ophthalmology Update 2002

Reviewer: Retina 2004

Reviewer: American Journal of Ophthalmology 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2019

Reviewer: Current Eye Research 2008

Reviewer: Asia Pacific Journal of Ophthalmology 2015

Reviewer: Retina 2004, 2006, 2013, 2015, 2016, 2018, 2019, 2020, 2023

Reviewer: Ophthalmology Retina 2016, 2018, 2019, 2020, 2023

Reviewer: Eye 2019

Reviewer: F1000 Research 2020

Reviewer: Journal of ASRS, 2023

Professional Activities

1988 Program Director – Pennsylvania Academy of Ophthalmology, Annual Meeting, Hershey, PA

1990-2000 Board Member – Pennsylvania Academy of Ophthalmology

1990-1996 Counselor – American Academy of Ophthalmology

1993-1996 Vice Chairman – Council of the Pennsylvania Academy of Ophthalmology

1996-1999	Chairman – Council of the Pennsylvania Academy of Ophthalmology
1996-1999	Committee Member, Secretariat for State Affairs – American Academy of Ophthalmology
1999-2000	Special Projects, Committee for State Governmental Affairs – American Academy of Ophthalmology
2001	Associate Examiner, Oral Boards – American Board of Ophthalmology, Boston, MA
2007	Associate Examiner, Oral Boards – American Board of Ophthalmology, Boston, MA
2009-2011	Question Writing Committee – PORT & DOCK Exams, American Board of Ophthalmology
2009	Associate Examiner, Oral Boards – American Board of Ophthalmology, Washington, DC
2010	Associate Examiner, Oral Boards – American Board of Ophthalmology, San Francisco, CA
2015	Associate Examiner, Oral Boards – American Board of Ophthalmology, Boston, MA
2019	Associate Examiner, Oral Boards – American Board of Ophthalmology, Chicago, IL
2020	Associate Examiner, Oral Boards – American Board of Ophthalmology, Virtual
2023	Associate Examiner, Oral Boards – American Board of Ophthalmology, Virtual

Teaching

Presentations, Teaching, Lectures, Courses and Clinical Responsibilities

Ophthalmology Update for the General Physician, Wills Eye Hospital. 1981

Photocoagulation Course, Eye Research Institute, Boston, MA. 1984 – 1985

Course Director, Small Incision Cataract Surgery, University of Pittsburgh. 1987 – 1995

Retina Update Course, Sheraton Hotel at Station Square, Pittsburgh, PA . 1987

American Academy of Ophthalmology - New Orleans, LA

Review of Vitreoretinal Disorders, Wu, Eller, Snady-McCoy. 1989

Clinical Use of Available Binocular Indirect Ophthalmoscopes. Friberg T, Eller A, American Academy of Ophthalmology, New Orleans, LA. 1989

American Academy of Ophthalmology - Atlanta, GA

"Diagnosis and Management of Vitreoretinal Diseases for the General Ophthalmologist", G Wu, MD, A Eller, MD, L Snady-McCoy. 1990

"Retinal Photocoagulation Using Binocular Indirect Ophthalmoscope Laser Delivery Systems". T Friberg, A Eller. 1990

"Retinal Laser Application Laboratory: Use of Binocular Indirect Ophthalmoscope Laser Delivery System", T Friberg, A Eller. 1990

Lecture on Recent Developments in Ophthalmology at Mercy Hospital in Johnstown, PA – June 5, 1990

Fluorescein Angiography & Laser Update Symposium at the Pennsylvania Academy of Ophthalmology & Otolaryngology, Hershey, PA - June 22-23, 1990

American Academy of Ophthalmology - Anaheim, CA

Diabetes 2000 Workshop on Diabetic Retinopathy.

"Diagnosis and Management of Vitreoretinal Diseases for the General Ophthalmologist", G Wu, MD, A Eller, MD, L Snady-McCoy. 1991

"Retinal Photocoagulation Using Binocular Indirect Ophthalmoscope Laser Delivery Systems", T Friberg, A Eller. 1991

"Retinal Laser Application Laboratory: Use of Binocular Indirect Ophthalmoscope Laser Delivery System", T Friberg, A Eller. 1991

Pennsylvania Academy of Ophthalmology - "Diabetes 2000 Workshop on Diabetic Retinopathy", A Eller

Lectures on the Diseases of the Aging Eye at the Pittsburgh Blind Association - June 29, 1990 and February 13, 1991

Management of Cataracts in the Diabetic Patient, Sutured Posterior Chamber IOL's and Management of Branch Vein Occlusion, at the Seventh Annual Island Ophthalmology Seminar, Aruba, Dutch Caribbean – March 18-21, 1991

American Academy of Ophthalmology - Dallas, TX

Diabetes 2000 Workshop on Diabetic Retinopathy.

"Retinal Photocoagulation Using Binocular Indirect Ophthalmoscope Laser Delivery Systems", T Friberg, A Eller. 1992

"Retinal Laser Application Laboratory: Use of Binocular Indirect Ophthalmoscope Laser Delivery System", T Friberg, A Eller. 1992

Lecture: Diabetic Retinopathy – Pittsburgh Diabetes Center, January 13, 1992

Diabetes 2000 Symposium at the Pennsylvania Academy of Ophthalmology, Hershey PA, July 11, 1992

Retina Service - The Eye & Ear Institute - Update Course
May 1993 "Pitfalls in Laser Therapy of Diabetics". 1993

American Academy of Ophthalmology - Chicago, IL

"Retinal Photocoagulation Using Binocular Indirect Ophthalmoscope Laser Delivery Systems", T Friberg, A Eller. 1993

"Retinal Laser Application Laboratory: Use of Binocular Indirect Ophthalmoscope Laser Delivery System", T Friberg, A Eller. 1993

American Academy of Ophthalmology - San Francisco, CA

"Retinal Photocoagulation Using Binocular Indirect Ophthalmoscope Laser Delivery Systems", T Friberg, A Eller. 1994

"Retinal Laser Application Laboratory: Use of Binocular Indirect Ophthalmoscope Laser Delivery System", T Friberg, A Eller. 1994

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" Univ. of Pittsburgh, School of Medicine March 3, 1994

Pittsburgh Diabetes Center "Screening for Diabetic Retinopathy" March 21, 1994

UPMC Medical Grand Rounds. "Pathogenesis of Diabetic Retinopathy" September 2, 1994

Advanced Phacoemulsification Course. "Posterior Segment Complications of Cataract Surgery" December 3, 1994 Station Square, Pittsburgh, PA

American Academy of Ophthalmology - Atlanta, GA

"Retinal Photocoagulation Using Binocular Indirect Ophthalmoscope Laser Delivery Systems", T Friberg, A Eller. 1995

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" Univ. of Pittsburgh, School of Medicine February 27, 1995

North Hills Passavant Hospital Medical Grand Rounds. "Diabetic Retinopathy Update" March 21, 1995

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" Univ. of Pittsburgh, School of Medicine 1996

UPMC Advances in Diabetes Management, "Diabetic Retinopathy" February 1, 1997. (Co-Course Director)
Jeannette Memorial Hospital. "Diabetic Retinopathy" August 14, 1997

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" Univ. of Pittsburgh, School of Medicine December 4, 1997

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" Univ. of Pittsburgh, School of Medicine 1998

Pittsburgh Diabetes Center "A Practicum on Diabetic Retinopathy" February 18, 1998

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" U. of Pittsburgh, School of Medicine 1999

Brownsville General Hospital, Medical Grand Rounds. "Age-Related Macular Degeneration" November 18, 1999

Armstrong County Memorial Hospital, Medical Grand Rounds. "Age-Related Macular Degeneration" February 3, 2000

Frick Hospital, Medical Grand Rounds. "Age-Related Macular Degeneration" August 24, 2000

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" U. of Pittsburgh, School of Medicine Fall 2000

Endocrine Conference, "Diabetic Retinopathy: Understanding the Classification and Treatment." University of Pittsburgh, May 4, 2001.

UPMC Shadyside Hospital, Medical Grand Rounds. "Diabetic retinopathy" Pittsburgh, PA, November 1, 2001

UPMC McKeesport Hospital, Medical Grand Rounds. "Care of the Diabetic Eye" McKeesport, PA, November 6, 2001

Angiogenesis and its Inhibition, "Neovascular Glaucoma: Pathogenesis and the Scope of the Problem" Pittsburgh, PA, October 9, 2004

Ophthalmic Endo-Cyclophotocoagulation, "Posterior Segment Approach" Pittsburgh, PA, February 19, 2005

Update in Internal Medicine, "Causes of Blindness in Diabetes Mellitus", Pittsburgh, PA, November 3, 2005

Clinical Applications of Optical Coherence Tomography (OCT), "Vitreomacular Traction Syndrome, Epiretinal Membrane, and Others", Pittsburgh, PA, December 10, 2005

High Altitude – Masters in Otolaryngology, Ophthalmology for the ENT Specialist, Snowmass, CO, March 20, 2006

Annual Diabetes Update, "Tackling the Diabetes Epidemic Through a Community Approach" – Promoting Health. "Blindness from Diabetes?" UPMC McKeesport, November 8, 2006

Endocrine/Pathology Workshop "Pathology of Diabetic Complications" Univ. of Pittsburgh, School of Medicine, Second –year medical students. January 23, 2007

Pittsburgh Ophthalmology Society Spring Meeting. "Causes of Blindness from Diabetes" March 9, 2007.

Acute Retinal Necrosis in a Patient with Hemophilia B, and HIV Disease, Discussant. Chief of Medicine Conference, University of Pittsburgh Internal Medicine Residency Program, March 13, 2008

Seminar on Retinal Detachment. Department of Material Science, Carnegie Mellon University, April 1, 2008.

Advances in Age-Related Macular Degeneration, Course Director, and "AMD of the Peripheral Retina," UPMC Eye Center, October 3-4, 2008

Ocular Trauma Symposium, Course Director, UPMC Eye Center, February 21, 2009

Pittsburgh Ophthalmology Society Spring Meeting. "Retina Surgery" March 6, 2009.

International Tele-Ophthalmology Conference, "Tele-Ophthalmology: The UPMC Experience" October 31, 2009

Facilitator, Integrated Case Studies Course (ICS), University of Pittsburgh SOM, Second Year Students, March 2010 - 2019

Retina Service Silver Anniversary Symposium, Co-Course Director, and Primary CNS Lymphoma – Ophthalmic, UPMC Eye Center, December 10, 2010.

Pittsburgh Ophthalmology Society Spring Meeting. "Fundus Photography" March 18, 2011.

Introduction to Being a Physician. HIV/AIDS Case Discussion, August 2012 -2015

Lectures by Invitation

History of Retinal Laser Photocoagulation, Good Samaritan Hospital, West Palm Beach, Florida, February 1990

Posterior Segment Complications of Cataract Surgery, Erie County Ophthalmology Society, Erie, PA – May 21, 1991

"Silicones in Ophthalmology," Clinical Congress American College of Surgeons, San Francisco October 1993

"Retinal Laser Therapy" and "Posterior Segment Complications of Cataract Surgery" Visiting Professorship, Dept. of Ophthalmology Hershey Medical School, Penn State University, October 20, 1993

"The Eye in Systemic Disease," Pennsylvania Optometric Association. Centennial Meeting. June 9, 1996

AIDS and the Eye, Erie County Ophthalmology Society, Erie, PA - Oct. 22, 1996

"Office Ophthalmology," Coalition of Internal Medicine. Annual Meeting. Hershey, PA May 3, 1997

"Posterior Segments Complications of Cataract Surgery," Brazilian Congress for the Prevention of Blindness and Visual Rehabilitation. Natal, Brazil September 6, 2000

"AIDS and the Eye", Brazilian Congress for the Prevention of Blindness and Visual Rehabilitation. Natal, Brazil September 6, 2000

"Acoes da Academia Americana de Oftalmologia nadelesa dos interesses profissionais," Brazilian Congress for the Prevention of Blindness and Visual Rehabilitation. Natal, Brazil September 7, 2000

"Ophthalmic Considerations in Familial Aortopathies", at the Lifetime Management of the Aorta Conference, Heart and Vascular Institute of UPMC, Pittsburgh, PA 1/7/2023

"Ophthalmologic Considerations: Do I Need to Worry About My Eyes Too?"
The Marfan Foundation: 10/28/23

Medical Legal Consultation, "Symposium on Career Pivots" American Academy of Ophthalmology, San Francisco, 11/5/2023

Research

Coordinator, Silicone Oil – Proliferative Vitreoretinopathy Study, Eye Research Institute, Boston, Massachusetts. Project period 1984 – 1985

Co-investigator, Cryo-ROP Study. Project period 1985-1987

Co-investigator, Evaluation of Statil in diabetic patients with peripheral symmetrical polyneuropathy. Project period 1985 – 1987

Co-investigator, Cryo-ROP Follow-Up Study The Eye & Ear Institute of Pittsburgh. Project period 1987 – 2000

Co-Investigator - Age Related Eye Disease Study. National Eye Institute. Multicenter clinical trial of vitamins and micronutrients on macular degeneration and cataract. Contract number NIY-EY-89-01. Direct costs \$307,000/year x 10 years, 5-year extension granted. Project period 1990 – 2004

Principle investigator Richard James Silicone Oil Study. Project period 1989 – 1996

Co-Investigator - Efficacy & Safety of Tolrestat (AY-27,773) in the Treatment of Diabetic Retinopathy in Non-Insulin Dependent (Type II) Diabetic Patients. Protocol number 81-085-CR) Wyeth-Ayerst Pharmaceutical \$90,000. Project period 1989 – 1995

Co-Principal Investigator - Pittsburgh-Chernobyl Collaborative Study of Ophthalmic Complications in Ukrainian Children - Funded by the Tri-State Committee of the Children's Chernobyl Relief Fund \$150,000.00 with non-monetary contributions by Kodak and Topcon. Project period 1991

Co-investigator, Merck Study for Protease Inhibitors in HIV. Project period 1995 – 1998

Co-investigator, Viral Activation Transfusion Study in HIV. Project period 1996 – 1999

Principle Investigator, A randomized comparison of two dosage schedules of intravitreal ISIS 2922 for patients with advanced cytomegalovirus retinitis. Project period 1996

Co-investigator, Atrovastatin Study for Diabetic Retinopathy. Project period 1998 - 2003

Co-investigator, A 5-week, Double-Blind, Placebo-Controlled Trial of 3 Dosages of Pregabalin (75, 300, and 600 mg/day) for Treatment of Patients with Painful Diabetic Peripheral Neuropathy. Project period 1998

Co-investigator, An 8-week Randomized, Double Blind, Placebo-Controlled, Monotherapy Trial of Pregabalin for Treatment of Chronic Low Back Pain. Project period 1999

Co-Investigator - A Phase III randomized, multi-center, double masked, placebo controlled parallel group study with Tin Ethyl Etiopurlytin photodynamic therapy in the treatment of subfoveal choroidal neovascularization associated with age-related macular degeneration. Miravant Medical Technologies, Estimated \$100,000 x 3 years. Project period 1999 – 2002

Use of a non-mydratic panoramic imaging device. Optos Corporation, \$55,000. Project period 2000 – 2002

Co-Investigator - Prophylactic Diode Laser Photocoagulation for the Prevention of Choroidal Neovascularization in Age-Related Macular Degeneration. IRB No. 950505. Eye and Ear Foundation of Pittsburgh, \$50,000/year x 3 years. Project period 2000 - 2003

Co-Investigator - A randomized, controlled study on the efficacy and safety of Sandostatin LAR in the therapy of patients with moderately severe or severe non-proliferative diabetic retinopathy (NPDR) or low risk proliferative diabetic retinopathy (PDR). Total three-year budget \$274,483. Novartis. Project period 2000 – 2005

A Phase II/III randomized, double-masked, controlled, dose-ranging, multi-center comparative trial, in parallel groups, to establish the safety and efficacy of intra-vitreous injections of EYE001 (Anti-VEGF Pegylated Aptamer) given every 6 weeks for 54 weeks, in patients with exudative Age-Related Macular Degeneration (AMD). Total two-year budget \$151,225. EyeTech Pharmaceuticals. Project period 2001 – 2002

Principle Investigator – Diabetic Retinopathy Project. Department of Defense Appropriation W81XWH-04-2-0030. The U.S. Army Medical Research Acquisition Activity, 820 Chandler Street, Fort Detrick, MD 21702-5014 is the awarding and administering acquisition office. Title: Diabetes Prevention and Treatment Programs for Western PA. UPMC directs 745,797 and UPMC indirects generated are 119,712. The subcontracted Pitt directs 117,540 and Pitt indirects (at negotiated 24%) generated are 28,210. Project period 2004 – 2007

Principle Investigator, Standard Care vs. Corticosteroid for Retinal Vein Occlusion (SCORE) Study. Project period 2005 – 2009, University of Wisconsin Agreement 04-8159

Co-investigator, Age Related Eye Disease Study II (AREDS II). Project period 2007 – present. Contract No.: HHS-N-260-2005-00007-C is the prime contract number assigned to Traci Clemons, PhD (Principal Investigator), sub-organization, Site #013.

Principle Investigator, Alcon Clinical Study C-07-43, Macular Edema Incidence / Severity Reduction with NEVANAC. Project period 2009 – 2011

Principle Investigator, Reflow Study for Treatment of Acute Branch Retinal Vein Occlusion. Project period 2013-2017

Principle Investigator, Comparison of Spectral Domain OCT, Swept Source OCT, and B-Scan Ultrasound for the Diagnosis of Optic Nerve Drusen. Project period 2013 – present

Principle Investigator, Multicenter Uveitis Steroid Treatment (MUST). Project Period 2016-2019

Principle Investigator, A Randomized, Masked, Multi-Center Controlled Clinical Trial to Study the Safety and Efficacy of Zuprata, Triamcinolone Acetonide Injectable Suspension in the Treatment of Subjects with Macular Edema Associated with Non-Infectious Uveitis (PEACHTREE). Project Period 2016-2017

Principle Investigator, Study of an Intravitreal Anti-oxidizing Agent to Prevent Radiation Retinopathy in a Murine Model, 2017-2023

Principle Investigator, Study of Complement Factor B (FB) Inhibition for Geographic Atrophy, IONIS Pharmaceuticals, 2020 - present

Service

Committee Memberships:

Department of Ophthalmology

Operations Committee 1996 – 2001
Compensation Committee 1996 – 2001
Executive Committee 2003, 2019
Residency Committee 2004 – present
Finance Committee 2007
Conflict of Interest Committee (Chair) 2010

University of Pittsburgh School of Medicine

Dean's (George Bernier, MD) Advisory Committee on AIDS Policy
Standing Committee for Non-Tenured Faculty Promotions & Appointments 1993 – 1996 (Chairman of Committee 1996)

University of Pittsburgh Medical Center

PSD Quality Improvement Committee
Tele-Medicine Committee
Credentialing and Privileging Policy Committee

UPMC Health Plan

Credentials Committee 1997 – 1999
Technology Assessment Committee 1997 – 1999
Diabetes Disease Management Committee 1999
Specialty Care Work Group 2015

University of Pittsburgh Physicians

Finance Committee 1999 – present

Community Activities

Juvenile Diabetes Research Foundation of Western Pennsylvania, Medical Advisory Committee

Pittsburgh Blind Association, Medical Advisory Committee 1990 – 1995

Pittsburgh Regional Health Initiative, Board Member 2016-present

Jewish Healthcare Foundation, Board of Directors 2020- present

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