

**DEMOGRAPHIC AND PERSONAL INFORMATION**

**Current Appointments**

- 2019 Earl D. Kidwell, Jr., M.D.. Professorship in Ophthalmology, Wilmer Eye Institute, Johns Hopkins University School of Medicine
- 2011-present Associate Professor, Wilmer Eye Institute, Johns Hopkins University School of Medicine
- 2013-present Vice Chair for Strategic Planning, Wilmer Eye Institute, Johns Hopkins University School of Medicine
- 2014-present Director, Division of Neuro-Ophthalmology, Wilmer Eye Institute, Johns Hopkins University School of Medicine
- 2016-present Director, Division of Oculoplastic Surgery, Wilmer Eye Institute, Johns Hopkins University School of Medicine
- 2008-present Director, ASOPRS Fellowship Program, Ophthalmic Plastic and Reconstructive Surgery

**Personal Data**

- Department Wilmer Eye Institute  
Johns Hopkins University School of Medicine
- Address 600 North Wolfe Street  
Wilmer 110  
Baltimore, MD 21287
- Phone 415 699-1799
- Email [tmccull5@jhmi.edu](mailto:tmccull5@jhmi.edu)

## Education and Training

### Undergraduate

1991 Claremont Colleges, Pitzer College, Claremont, California  
Degree: Bachelor of Arts in Biology

### Doctoral/graduate

1995 Washington University School of Medicine, St Louis, Missouri  
Degree: Doctor of Medicine

### Postdoctoral

1995-1996 Surgical and Medical Transitional Internship  
University of Hawaii School of Medicine, Honolulu, Hawaii

1996-1999 Residency in Ophthalmology  
Stanford University School of Medicine, Stanford, California

1999-2000 Fellowship in Neuro-ophthalmology  
Bascom Palmer Eye Institute, University of Miami, Miami, Florida  
Primary preceptor: Byron L Lam

2000-2002 Fellowship in Ophthalmic Plastic and Reconstructive Surgery  
*American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS)*  
*Accredited*  
Wright State University and University of Cincinnati, Cincinnati, Ohio  
Primary preceptors: John D Bullock and Dwight R Kulwin

### Additional Training

2014 Leadership Development Program  
Johns Hopkins University School of Medicine, Baltimore, Maryland

2017 Economics of Clinical Operations Course  
Johns Hopkins University School of Medicine, Baltimore, Maryland

### Professional Experience

2002-2003 Assistant Professor, Department of Ophthalmology  
University of California, Irvine, California

2002-2003 Assistant Professor, Division of Plastic Surgery (Joint Appointment)  
University of California Irvine, Irvine, California

2002-2003 Director, Ophthalmic Plastic and Reconstructive Surgery  
University of California Irvine, Irvine, California

2002-2003 Director, Ophthalmic Plastic and Reconstructive Surgery  
Veterans Administration Hospital, Long Beach, California

- 2003-2006 Assistant Professor, Department of Ophthalmology  
Stanford University School of Medicine, Stanford, California
- 2003-2006 Director, Ophthalmic Plastic and Reconstructive Surgery  
Stanford University School of Medicine, Stanford, California
- 2003-2006 Director, Neuro-ophthalmology  
Stanford University School of Medicine, Stanford, California
- 2005-2006 Co-director, Fellowship Program, Neuro-ophthalmology  
Stanford University School of Medicine, Stanford, California
- 2006-2008 Assistant Professor, Department of Ophthalmology  
University of California, San Francisco, California
- 2008-2010 Associate Professor, Department of Ophthalmology  
University of California, San Francisco, California
- 2006-2010 Director, Ophthalmic Plastic and Reconstructive Surgery  
University of California San Francisco, San Francisco, California
- 2006-2010 Director, Ophthalmic Plastic and Reconstructive Surgery  
Veterans Administration Hospital, San Francisco, California
- 2006-2009 Director, Fellowship in Oculoplastic Surgery, Orbital Surgery and Neuro-  
Ophthalmology  
University of California San Francisco, San Francisco, California
- 2008-2010 Director, American Society of Ophthalmic Plastic and Reconstructive Surgery  
(ASOPRS) Fellowship in Oculoplastic Surgery, Orbital Surgery and Neuro-  
ophthalmology  
University of California San Francisco, San Francisco, California
- 2011-2013 Director, Division of Ophthalmic Plastic and Reconstructive Surgery  
King Khaled Eye Specialist Hospital (KKESH), Riyadh, Saudi Arabia  
Affiliation with The Wilmer Eye Institute, Johns Hopkins University

## PUBLICAITONS

### Original Research

1. **McCulley TJ**, Lam BL, Marmor MF, Hoffman KB, Luu JK. Acute Effects Of Sildenafil (Viagra) On Blue-On-Yellow And White-On-White Humphrey Perimetry. J Neuro-ophthalmol (cover/lead article) 2000;20:227-8.
2. Song A, **McCulley TJ**, Alfonso E, Lam BL, Feuer WJ. Pseudomonas aeruginosa Corneal In-Vitro Isolate Sensitivity To Ofloxacin, Ciprofloxacin And Trovafloxacin: A Comparative Study. Amer J Ophthalmol (cover article) 2001;131:795-6.
3. **McCulley TJ**, Lam BL, Feuer WJ. Incidence Of Nonarteritic Anterior Ischemic Optic Neuropathy Following Cataract Extraction. Ophthalmology (cover article) 2001;108:1276-9.
4. Luu JK, Chappelow AV, **McCulley TJ**, Marmor MF. Acute Effects Of Sildenafil On The Electroretinogram And Multifocal Electroretinogram. Amer J Ophthalmol 2001;132:388-94.
5. **McCulley TJ**, Eifrig C, Lam BL. Infraorbital Nerve Palsy: An Unusual Complication Of Laser In Situ Keratomileusis. Amer J Ophthalmol 2002;134:264-5.
6. **McCulley TJ**, Kersten RC, Yip CC, Kulwin DR. Isolated Unilateral Neurogenic Blepharoptosis Secondary To Eyelid Trauma. Am J Ophthalmol 2002;134:626-7.
7. **McCulley TJ**, Luu JK, Marmor MF. Effects Of Sildenafil Citrate On Ocular Blood Flow. Ophthalmologica 2002; 216: 455-8.
8. **McCulley TJ**, Bullock JD, Warwar RE, Hood DL. Cervical Carcinoma Metastatic To The Orbit. Ophthalmic Plastic Recon Surg 2002;18:385-7.
9. **McCulley TJ**, Yip CC, Kersten RC, Kulwin DR. An Ectopic Site Of Lacrimal Gland Secretion Of The External Eyelid: An Unusual Cause Of Epiphora. Arch Ophthalmol 2002;120:1586-7.
10. **McCulley TJ**, Lam BL, Bose S, Feuer WJ. The Effect Of Optic Disk Edema On Spontaneous Venous Pulsations. Am J Ophthalmol 2003;135:706-8.
11. **McCulley TJ**, Kersten RD, Kulwin DR, Feuer WJ. Outcome And Influencing Factors Of External Levator Palpebrae Superioris Aponeurosis Advancement For Blepharoptosis. Ophthalmic Plastic Recon Surg 2003;19:388-93.
12. **McCulley TJ**, Lam BL, Feuer WJ. Nonarteritic Anterior Ischemic Optic Neuropathy And Surgery Of The Anterior Segment: Temporal Relationship Analysis. Amer J Ophthalmol 2003;136:1171-2.
13. Yip CC, **McCulley TJ**, Kersten RC, Kulwin DR. Proptosis After Hair Pulling. Ophthalmic Plastic and Recon Surg 2003;19:154-5.
14. Yip CC, **McCulley TJ**, Kersten RC, Bowen AT, Alam S, Kulwin DR. Adult Nasolacrimal Duct Mucocele. Arch Ophthalmol 2003;121:1065-6.
15. Yip CC, Kersten RC, **McCulley TJ**, Kulwin DR. Osteogenic Sarcoma After Orbital Radiation For Rhabdomyosarcoma. Ophthalmology 2003;110:1996-9.
16. Yip CC, **McCulley TJ**, Kersten RC, Tami TA, Kulwin DR. Silent Sinus Syndrome As A Cause Of Diplopia In A Child. J Pediatr Ophthalmol Strabismus 2003;40:309-11.
17. **McCulley TJ**, Yip CC, Kersten RC. Medial Rectus Muscle Incarceration In Medial Orbital Wall Trapdoor Fractures. Eur J Ophthalmol 2004;14:330-3.

18. Erb MH, Kersten RC, Yip CC, Hudak D, Kulwin DR, **McCulley TJ**. The Effect Of Unilateral Blepharoptosis Repair On Contralateral Eyelid Position. *Ophthalmic Plastic Recon Surg* 2004;20:418-22.
19. Levy A, **McCulley TJ**, Lam BL. Estimating Visual Acuity By Character Counting Using The Snellen Eye Chart. *Eye* 2005;19:622-4.
20. **McCulley TJ**, Mayer K, Dahr SS, Simpson J, Holland EJ. Aniridia And Optic Nerve Hypoplasia. *Eye* 2005;19:762-4.
21. **McCulley TJ**, Lam BL, Feuer WJ. A Comparison Of Risk Factors For Postoperative And Spontaneous Anterior Ischemic Optic Neuropathy. *J Neuro-ophthalmol* 2005;25:22-4.
22. **McCulley TJ**, Kersten RC, Yip CC, Kulwin DR. Dacryocystoceles In The Aftermath Of Stevens-Johnson Syndrome. *Ophthalmic Plastic Reconstr Surg* 2005;21:159-61.
23. **McCulley TJ**, Karl GC, Lam BL, Feuer WJ. The Effect Of Decreased Visual Acuity On Clinical Color Vision Testing. *Amer J Ophthalmol* 2006;141:194-6.
24. **McCulley TJ**, Kersten RC. Orbital Inflammation Following Retrobulbar Thorazine Injection. *Ophthal Plast Reconstr Surg* 2006;22:283-5.
25. Wang G, **McCulley TJ**. Eyelid Retraction And Incomplete Eyelid Closure Secondary To Human Immunodeficiency Virus (HIV) Associated Muscle Wasting. *Ophthal Plast Reconstr Surg* 2006;22:479-80.
26. Memarzadeh F, Chuck RS, **McCulley TJ**. Fornix Reconstruction With Conjunctival Inclusion Cyst Marsupialization In Stevens-Johnson Syndrome. *Ophthal Plast Reconstr Surg* 2006;22:475-6.
27. Lam BL, Jabaly-Habib H, Al-Sheikh N, Pezda M, Guirgis MF, Feuer WJ, **McCulley TJ**. Risk Of Nonarteritic Anterior Ischemic Optic Neuropathy After Cataract Extraction In The Fellow Eye Of Patients With Prior Unilateral Nonarteritic Anterior Ischemic Optic Neuropathy. *Br J Ophthalmol* 2007;9:585-7.
28. Jain A, Egbert P, **McCulley TJ**, Blumenkranz MS, Moshfeghi D. Endogenous Scedosporium apiospermum Endophthalmitis. *Arch Ophthalmol* 2007;125:1286-9.
29. Pilyugina SA, Fischbein NJ, Liao YL, **McCulley TJ**. Abducens Nerve Aplasia Visualization With Flow Imaging Using Steady Acquisition (FIESTA) Sequences. *J Neuro-ophthalmol* 2007;27:127-8.
30. Zoumalan CJ, Erb MH, Rao NA, See R, Bernstine MA, Shah SB, **McCulley TJ**. Periorbital xanthogranuloma following blepharoplasty. *Br J Ophthalmol* 2007;91:1088-9.
31. Zoumalan CJ, Blumenkranz MS, **McCulley TJ**, Egbert PR, Moshfeghi D. Severe Surfing-Related Ocular Injuries: The Stanford-Northern Californian Experience. *Br J Sports Med* 2008;42:555-7.
32. Pereira LS, Hwang TN, Kersten RC, Ray K, **McCulley TJ**. Levator Superioris Muscle Function In Involutional Blepharoptosis. *Am J Ophthalmol* 2008;145:1095-98.
33. Day S, Hwang TN, Pletcher S Bhatki J, **McCulley TJ**. Interactive Image Guided Endoscopic Dacryocystorhinostomy. *Ophthal Plast Reconstr Surg* 2008;24:338-40.
34. Han Y, **McCulley TJ**, Horton JC. Intraocular And Intracranial Pressure. *Ann Neurol* 2008;64:221-4.
35. Zoumalan CJ, Bullock JD, Warwar RR, Fuller B, **McCulley TJ**. Evaluation Of Intraocular And Orbital Pressure In The Management Of Orbital Hemorrhage: An Experimental Model. *Arch Ophthalmol* 2008;126:1257-60.

36. Pereira LS, Green AJ, Hwang TN, **McCulley TJ**. Suprasellar Germinoma And Late Periopic Seeding. *Eur J Ophthalmol* 2008;18:159-61.
37. Zoumalan CJ, Egbert PR, Warwar RE, **McCulley TJ**. Orbital Giant Cell Angiofibroma Reoccurring As A Solitary Fibrous Tumor: A Clinicopathological Analysis. *Ophthal Plast Reconstr Surg* 2008;24:325-7.
38. Trager M, Hwang TN, **McCulley TJ**. Delusional Parasitosis Of The Eyelids. *Ophthal Plast Reconstr Surg* 2008;24:317-9.
39. Pereira LS, **McCulley TJ**. Perineural arachnoidal gliomatosis. *Arq Bras Oftalmol* 2008;71:595-8.
40. Pereira LS, Wu AP, Kandavel G, Memarzadeh E, **McCulley TJ**. Vitreitis, Neurosyphilis And Human Immunodeficiency Virus (HIV). *Arq Bras Oftalmol* 2008;71:717-8.
41. Nguyen VT, Hwang TN, Alvarado J, **McCulley TJ**. Hypotony Maculopathy, An Unexpected Complication Of Blepharoptosis Repair. *Ophthal Plast Reconstr Surg* 2009;25:139-40.
42. Nguyen VT, Hwang TN, Shamie N, Chuck RS, **McCulley TJ**. Amyloidosis Associated Neurotrophic Keratopathy Precipitated By Overcorrected Blepharoptosis. *Cornea* 2009;28:575-6.
43. Pereira L, **McCulley TJ**. Marsupialization Of Strabismus Surgery Related Giant Conjunctival Inclusion Cysts. *J Pediatr Ophthalmol Strabismus* 2009;46:180-1.
44. Phan IT, Hoyt WF, **McCulley TJ**, Hwang TN. Blindness From Orbital Varices. *Orbit* 2009;28:303-5.
45. Kum C, **McCulley TJ**, Yoon MK, Hwang TN. Adult Orbital Trapdoor Fractures. *Ophthal Plast Reconstr Surg* 2009;25:486-7.
46. Kersten RC, **McCulley TJ**. Re: "Transient Descent Of The Contralateral Eyelid In Unilateral Ptosis Surgery". *Ophthal Plast Reconstr Surg* 2009;25:419-20.
47. Kao TY, Yoon MK, Hwang TN, Bloomer MM, **McCulley TJ**. Acquired Pediatric Blepharoptosis Related To Linear Scleroderma. *J Pediatr Ophthalmol Strabismus* 2010;1:1-3 (lead article).
48. Kao TY, Yoon MK, **McCulley TJ**, Ruben B, Hwang TN. Acquired enophthalmos in lupus erythematosus profundus. *J Neuroophthalmol* 2010;30:64-6.
49. Yoon MK, **McCulley TJ**. Orbital Disease In Neuro-Ophthalmology. *Neurol Clin* 2010;28:679-99.
50. Pereira LS, Yoon MK, Hwang TN, Hong JE, Ray K, **McCulley TJ**. Giant Cell Arteritis In Asians: A Comparative Study. *Br J Ophthalmol* 2011;95:214-6.
51. Yoon MK, Horton JC, **McCulley TJ**. Facial Nerve Injury: A Complication Of Superficial Temporal Artery Biopsy. *Am J Ophthalmol* 2011;152:251-255.
52. Hwang TN, Rofagha S, McDermott MW, Hoyt WF, Horton JC, **McCulley TJ**. Sunken Eyes, Sagging Brain Syndrome: Bilateral Enophthalmos From Chronic Intracranial Hypotension. *Ophthalmology* 2011;118:2286-95.
53. Yoon MK, Sharma A, Corbo J, **McCulley TJ**. Progressive aphasia and vision loss in a teen-aged girl. *J Neuroophthalmol* 2011;31:279-84.
54. Pereira LS, Yoon MK, Hwang TN, Hong JE, Ray K, **McCulley TJ**, Porco T. Giant Cell Arteritis In Asians: Authors' response. *Br J Ophthalmol* 2011;95:204-6.

55. Yoon MK, Hwang TN, Day S, Hong JE, Porco T, **McCulley TJ**. Comparison of Humphrey Matrix Frequency Doubling Technology to standard automated perimetry in neuro-ophthalmic disease. Middle East Afr J Ophthalmol 2012;19:211-5.
56. Chen A, Hwang TN, Phan LT, **McCulley TJ**, Yoon MK. Long-Term Management Of Orbital And Systemic Reactive Lymphoid Hyperplasia With Rituximab. Middle East Afr J Ophthalmol 2012;19:432-5.
57. Phan LT, Hwang TN, **McCulley TJ**. Evisceration In The Modern Age. Middle East Afr J Ophthalmol 2012;19:24-33.
58. **McCulley TJ**. Ischemic Optic Neuropathy And Cataract Extraction: What Do I Need To Know? Oman J Ophthalmol 2012;5:141-3.
59. Phan LT, Piluek WJ, **McCulley TJ**. Orbital Trapdoor fractures. Saudi J Ophthalmol 2012;26:277-82.
60. Yoon MK, **McCulley TJ**. Non-Traumatic Subperiosteal Orbital Hematoma As A Presenting Sign Of Chronic Myelogenous Leukemia. Ophthal Plast Reconstr Surg 2012;28:79-80.
61. Yoon MK, **McCulley TJ**. Secondary Tarsoconjunctival Graft: A Modification To The Cutler-Beard Procedure. Ophthal Plast Reconstr Surg 2013;29:227-30.
62. Schallhorn J, Haug SJ, Yoon MK, Porco T, Seiff SR, **McCulley TJ**. A National Survey Of Practice Patterns: Temporal Artery Biopsy. Ophthalmology 2013;120:1930-4.
63. Elia MD, Shield D, Kazim M, Shinder R, Yoon MK, **McCulley TJ**, Shore JW, Greene D, Servat JJ, Levin F. Spontaneous Subperiosteal Orbital Hemorrhage. Orbit 2013;32:333-5.
64. **McCulley TJ**. Sphenoid Sinus Expansion: A Radiographic Sign Of Intracranial Hypotension And The Sagging Brain, Sunken Eyes Syndrome. Trans Am Ophthalmol Soc 2013;111:145-54.
65. Chen A, Yoon MK, Haugh S, Song J, **McCulley TJ**. Surgical Management Of Optic Nerve Gliomas With Perineural Arachnoidal Gliomatosis Growth Pattern. J Neuroophthalmol 2013;33:51-3.
66. Swamy L, Phan LT, Sadah ZM, **McCulley TM**, Warwar RD. Oculocardiac reflex in a medial orbital wall fracture without clinically evident entrapment. Middle East Afr J Ophthalmol 2013;20:268-70.
67. Yoon MK, **McCulley TJ**, Horton JC. Brow Ptosis After Temporal Artery Biopsy. Ophthalmology 2013;120:e24.
68. **McCulley TJ**. Comment On Temporal Artery Biopsy. A National Survey Of Practice Patterns: Temporal Artery Biopsy. Ophthalmology 2013;120:e84-5.
69. Yoon MK, **McCulley TJ**. Re: "Secondary Tarsoconjunctival Graft: A Modification To The Cutler-Beard Procedure". Ophthal Plast Reconstr Surg 2014;30:74.
70. Yoon MK, **McCulley TJ**. Autologous Dermal Grafts As Posterior Lamellar Spacers In The Management Of Lower Eyelid Retraction. Ophthal Plast Reconstr Surg 2014;30:64-8.
71. Yoon MK, Piluek WJ, Ruggiero JP, McDermott MW, **McCulley TJ**. Orbital Cerebrospinal Fluid Accumulation After Complicated Pterional-Orbitozygomatic Craniotomy. J Neuroophthalmol 2014;34:346-9.
72. **McCulley TJ**, Piluek WJ, Chang J. Intracranial Pressure And Skull Remodeling. Saudi J Ophthalmol 2015;29:57-62.

73. **McCulley TJ, Chang JR, Piluek WJ.** Intracranial Pressure And Glaucoma. *J Neuroophthalmol* 2015;35:S38-44.
74. Singman EL, Daphalapurkar N, White H, Nguyen TD, Panghat L, Chang J, **McCulley TJ.** Indirect Traumatic Optic Neuropathy. *Military Medical Research* 2016;3:2.
75. **McCulley TJ, Chang JR, Monroe CR.** What Do We Really Know About Translaminar Pressure?: Response. *J Neuroophthalmol* 2016;36:113.
76. **McCulley TJ, Chang JR.** A General Decline In Cerebrospinal Fluid Flow: An Overlooked Risk Factor For Glaucoma?: Response. *J Neuroophthalmol* 2016;36:228-9.
77. **McCulley TJ, Lam BL, Feuer WJ.** Nonarteritic Anterior Ischemic Optic Neuropathy And Intraocular Surgery. *Am J Ophthalmol* 2017 (Epub ahead of print).
78. Chang JR, Baharestani S, Salek SS, Piluek WJ, Eberhart CG, McCulley TJ. Delayed Superficial Migration Of Retained Hyaluronic Acid Years Following Periocular Injection. *Ophthal Plast Reconstr Surg* 2017;33(3S Suppl 1):S116-8.
79. Gruener AM, Chang JR, Bosley TM, Al-Sadah ZM, Kum C, McCulley TJ. Relative Frequencies Of Arteritic And Nonarteritic Anterior Ischemic Optic Neuropathy In An Arab Population. *J Neuroophthalmol* 2017;37:382-5.
80. Chang JR, Gruener AM, McCulley TJ. Orbital Disease In Neuro-Ophthalmology. *Neurol Clin* 2017;35:125-44.
81. **McCulley TJ, Lam BL, Feuer WJ.** Nonarteritic Anterior Ischemic Optic Neuropathy And Intraocular Surgery. *Am J Ophthalmol* 2017;175:14-16
82. Wang Y, McCulley TJ, Doyle JJ, Chang J, Lee MS, McClelland CM. Brown Syndrome Following Upper Eyelid Ptosis Repair. *Neuroophthalmol.* 2017;42:49-51.
83. Kum C, Chang JR, Gruener AM, McCulley TJ. Non-surgical Management of Retained Needlefish Jaw Spanning from Orbit to Cavernous Sinus. *J Neuroophthalmol* 2017;42:49-51.
84. Braich PS, Kuriakose RK, Khokhar NS, Donaldson JC, **McCulley TJ.** Factors Associated With Multiple Recurrences Of Nonspecific Orbital Inflammation aka Orbital Pseudotumor. *Int Ophthalmol.* 2018;38:1485-95.
85. **McCulley TJ, Kum C, Chang JR, Gruener AM.** Conservative Treatment for Penetrating Injuries Involving the Cavernous Sinus: Response. *J Neuroophthalmol.* 2018;38:425.
86. Pereira LS, Salustiano LX, de Paula AC, Arnhold D, Ávila MP, **McCulley TJ.** Intravitreal Triamcinolone Acetonide Injection In A Rodent Model Of Anterior Ischemic Optic Neuropathy. *J Neuroophthalmol* 2018;38:561-5.
87. Hodgson NM, Campbell AA, Chang JR, Vizcaino A, Eberhart C, Pearl MS, McCulley TJ. Pituitary Adenoma Apoplexy of the Orbit, Diagnosis, and Management With Presurgical Embolization. *Ophthalmic Plast Reconstr Surg* 2018;34:e196-7.
88. Chang JR, Gruener AM, McCulley TJ. Temperature Changes Associated with Bone Drilling in an Orbital Model: Comparison of Ultrasonic Bone Curette and Conventional High-speed Rotational Drill. *Orbit* 2019;10:1-7.
89. Chang JR, Rajaii F, McCulley TJ. Delayed Orbital Emphysema Mimicking Orbital Cellulitis: An Uncommon Complication of Dental Surgery. *Middle East Afr J Ophthalmol* 2019;26:175-7.



90. **McCulley TJ**, Ko MW. Therapies, Trends Make Waves in Neuro-ophthalmology. *Ophthalmology Times* 2019;20:1-6.
91. Gruener AM, Poostchi A, Carey AR, Henderson AD, Chang JR, **McCulley TJ**. Association of Giant Cell Arteritis with Race. *JAMA Ophthalmol* 2019;137:1175-9.
92. Zhao J, Hodgson NM, Chang JR, Campbell AA, **McCulley TJ**. Thyroid Eye Disease-Related Epiblepharon: A Comparative Case Study. *Asia Pac J Ophthalmol* 2020;9:44-7.
93. Unizony S, **McCulley TJ**, Spiera R, Pei J, Sidiropoulos PN, Best JH, Birchwood C, Pavlov A, Stone JH. Clinical Outcomes of Patients with Giant Cell Arteritis Treated with Tocilizumab in Real-World Clinical Practice: Decreased Incidence of New Visual Manifestations. *Arthritis Res Ther* 2021 Jan 6;23(1):8
94. Li Y, Singman E, **McCulley TJ**, Wu C, Daphalapurkar N. The Biomechanics of Indirect Traumatic Optic Using a Computational Head Model with a Biofidelic Orbit. *Front Neurol* 2020 [Epub ahead of print]
95. Carey D, Henderson AD, Miller NR, **McCulley TJ**. Use of En Face OCT to Monitor Papilledema in Idiopathic Intracranial Hypertension: A Pilot Study. *J Neuroophthalmol* [Epub ahead of print]
96. Zhao J, NM Hodgson, Al-Sadah Z, Hanafi S, **McCulley TJ**. Demographics in Acquired Nasolacrimal Duct Obstruction in Saudi Arabia. *Asia Pac J Ophthalmol* (submitted)
97. Ahmad M, Chen HC, Chang JR, Hodgson N, McDonnell EC, Henderson AH, Siadati S, Eberhart CG, **McCulley TJ**. Tarsal Epithelial Cysts: Prevalence, Case Series, and Synthesis of Existing Literature. *Ophthalmic Plast Reconstr Surg* 2020 [Epub ahead of print]
98. **McCulley TJ**, Miller NR. Cataract Surgery IS a risk factor for NAION. *J Neuroophthalmol* (in press)
99. Wladis EJ, Aakalu VK, Sobel RK, **McCulley TJ**, Foster JA, Tao JP, Freitag SK, Yen MT. Interventions for Indirect Traumatic Optic Neuropathy: A Report by the American Academy of Ophthalmology. *Ophthalmology* 2020 (e-pub ahead of print).
100. Agarwal N, Ahmed AK, Wiggins RH 3rd, **McCulley TJ**, Kontzialis M, Macedo LL, Choudhri AF, Ditta LC, Ishii M, Gallia GL, Aygun N, Blitz AM. Segmental Imaging of the Trochlear Nerve: Anatomic and Pathologic Considerations. *J Neuroophthalmol* 2020 (e-pub ahead of print).

#### **Books (Editor)**

1. AAO: BCSC Section 7: Orbit, Eyelids, and Lacrimal System. American Academy of Ophthalmology: San Francisco; annual revisions 2005-2008.
2. Kersten RC, **McCulley TJ**. *Curbside Consults in Oculoplastics*. Slack Incorporated, New Jersey: 2010.
3. Kersten RC, **McCulley TJ**. *Curbside Consults in Oculoplastics (second edition)*. Slack Incorporated, New Jersey 2015.

#### **Book Chapters (author)**

1. **McCulley TJ.** Lacrimal System: Anatomy and Physiology. In: Orbit, Eyelids, and Lacrimal System. American Academy of Ophthalmology: San Francisco: 2007.
2. **McCulley TJ.** Abnormalities of the Lacrimal Secretory and Drainage Systems: Diagnosis and Management. In: Orbit, Eyelids, and Lacrimal System. American Academy of Ophthalmology: San Francisco: 2007.
3. **McCulley TJ.** Eyelid Reconstruction. In Persing and Evans: Soft-Tissue Reconstruction of the Craniofacial Region. Informa Healthcare, London: 2007.
4. **McCulley TJ, Hwang TN.** Blepharospasm. In Curbside Consultation in Neuro-ophthalmology. Slack inc: 2008.
5. **McCulley TJ** (contributing author) Chapter 1: Orbit. In Freidman, Kaiser and Trattler: Review of Ophthalmology. Elsevier Saunders, St Louis: 2008.
6. **McCulley TJ** (contributing author) Chapter 2: Ocular Motility and Cranial Nerves. In Freidman, Kaiser and Trattler: Review of Ophthalmology. Elsevier Saunders: St Louis: 2008.
7. **McCulley TJ** (contributing author) Chapter 3: Lids, Lashes and Lacrimal System. In Freidman, Kaiser and Trattler: Review of Ophthalmology. Elsevier Saunders, St Louis: 2008.
8. **McCulley TJ** (contributing author) Chapter 7: Iris and Pupil. In Freidman, Kaiser and Trattler: Review of Ophthalmology. Elsevier Saunders, St Louis: 2008.
9. **McCulley TJ** (contributing author) Chapter 11: Optic Nerve and Glaucoma. In Freidman, Kaiser and Trattler: Review of Ophthalmology. Elsevier Saunders, St Louis: 2008.
10. **McCulley TJ, Day S.** Amiodarone Optic Neuropathy. In Controversies in Neuro-ophthalmology. Informa Healthcare, London: 2009.
11. **McCulley TJ, Hwang T.** Management of Giant Cell Arteritis. In Controversies in Neuro-ophthalmology. Informa Healthcare, London: 2009.
12. **McCulley TJ.** Anterior Ischemic Optic Neuropathy and Erectile Dysfunction Drugs. In Controversies in Neuro-ophthalmology. Informa Healthcare, London: 2009.
13. **McCulley TJ, Rafhaga S.** Angiography in Isolated Cranial Neuropathies. In Controversies in Neuro-ophthalmology. Informa Healthcare, London: 2009.
14. **McCulley TJ.** Pseudotumor Cerebri without Papilledema. In Controversies in Neuro-ophthalmology. Informa Healthcare, London: 2009.
15. **McCulley TJ, Yoon MK.** Tell Me About Latisse. In Curbside Consultation in Oculoplastic Surgery. Slack Incorporated, New Jersey: 2010.
16. **McCulley TJ, Yoon MK.** How do you use Botox? In Curbside Consultation in Oculoplastic Surgery. Slack Incorporated, New Jersey: 2010.
17. **Hwang TN, McCulley TJ.** Optic nerve sheath decompression. In Surgery of the Eyelid, Orbit, and Lacrimal System (second edition). Oxford University Press, USA: 2011.
18. **McCulley TJ.** Optic Nerve Sheath Fenestration. In Clinical Atlas of Procedures in Ophthalmic and Oculofacial Surgery. Oxford University Press, USA: 2011.

19. **McCulley TJ.** How do I evaluate and manage idiopathic orbital inflammatory syndrome? In Curbside Consultation in Neuro-ophthalmology. Slack Incorporated, New Jersey: 2013.
20. **McCulley TJ, W Jordan Piluek,** Lynda V McCulley. What Alternatives Are Available To Botox, And How Do They Compare? In Curbside Consultation in Oculoplastic Surgery. Slack Incorporated, New Jersey 2015.
21. **McCulley TJ.** Why Does Age Related Blepharoptosis Occur? In Curbside Consultation in Oculoplastic Surgery. Slack Incorporated, New Jersey 2015.
22. **McCulley TJ, Hodgson N.** Direct Brow Elevation. In Eyelid and Periorbital Aesthetics and Rejuvenation. Elsevier Saunders, St Louis: 2018.
23. **McCulley TJ, Hodgson N.** Browpexy. In Eyelid and Periorbital Aesthetics and Rejuvenation. Elsevier Saunders, St Louis: 2018.
24. McDonnell EC, McCulley TJ. Graves Ophthalmopathy. In Controversies in Neuro-Ophthalmic Management: An Evidence and Case-Based Appraisal, Springer Publishing, New York (in press).

#### **Correspondences (also listed in peer-reviewed publications)**

1. Kersten RC, **McCulley TJ.** Re: "Transient Descent Of The Contralateral Eyelid In Unilateral Ptosis Surgery". Ophthal Plast Reconstr Surg 2009;25:419-20.
2. Pereira LS, Yoon MK, Hwang TN, Hong JE, Ray K, McCulley TJ, Porco T. Giant Cell Arteritis In Asians: Authors' response. Br J Ophthalmol 2011;95:204-6.
3. Yoon MK, McCulley TJ, Horton JC. Brow Ptosis After Temporal Artery Biopsy. Ophthalmology 2013;120:e24.
4. **McCulley TJ.** Comment On Temporal Artery Biopsy. A National Survey Of Practice Patterns: Temporal Artery Biopsy. Ophthalmology 2013;120:e84-5.
5. Yoon MK, McCulley TJ. Re: "Secondary Tarsoconjunctival Graft: A Modification To The Cutler-Beard Procedure". Ophthal Plast Reconstr Surg 2014;30:74.
6. **McCulley TJ, Chang JR,** Monroe CR. What Do We Really Know About Translaminar Pressure?: Response. J Neuroophthalmol 2016;36:113.
7. **McCulley TJ, Chang JR.** A General Decline In Cerebrospinal Fluid Flow: An Overlooked Risk Factor For Glaucoma?: Response. J Neuroophthalmol 2016;36:228-9.
8. **McCulley TJ, Lam BL, Feuer WJ.** Nonarteritic Anterior Ischemic Optic Neuropathy And Intraocular Surgery. Am J Ophthalmol 2017 (EPUB ahead of print).
9. **McCulley TJ, Kum C, Chang JR, Gruener AM.** Conservative Treatment for Penetrating Injuries Involving the Cavernous Sinus: Response. J Neuroophthalmol 2018;38:3.
10. Pereira LS, Ávila MP, Salustiano LX, Paula AC, Arnhold E, **McCulley TJ.** Intravitreal Triamcinolone Acetonide Injection in a Rodent Model of Anterior Ischemic Optic Neuropathy: Response. J Neuroophthalmol 2019 [Epub ahead of print]

## **Educational Curriculum/Guidelines**

1. **McCulley TJ.** Facial Nerve Dysfunction. Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
2. **McCulley TJ.** Idiopathic Orbital Inflammatory Disease. Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
3. **McCulley TJ.** Optic Nerve Sheath Meningioma. Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
4. **McCulley TJ.** Orbital Hemorrhage. Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
5. **McCulley TJ.** Orbital Tumor Causing Neuro-Ophthalmic Manifestations. Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
6. **McCulley TJ.** Orbital Fractures. Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
7. **McCulley TJ.** Thyroid Eye Disease (Thyroid Orbitopathy). Practicing Ophthalmologist Curriculum, American Academy of Ophthalmology (AAO) e-publication: 2009 and 2013 editions.
8. **McCulley TJ.** Silicone Intubation of the Nasolacrimal Drainage System. American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) online educational series, e-publication: 2014.
9. **McCulley TJ.** Trachoma. American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) online educational series, e-publication: 2014.

## **Review Articles (also listed in peer-reviewed publications)**

1. Yoon MK, **McCulley TJ.** Orbital Disease In Neuro-Ophthalmology. Neurol Clin 2010;28:679-99.
2. Phan LT, Hwang TN, **McCulley TJ.** Evisceration In The Modern Age. Middle East Afr J Ophthalmol 2012;19:24-33.
3. **McCulley TJ.** Ischemic Optic Neuropathy And Cataract Extraction: What Do I Need To Know? Oman J Ophthalmol 2012;5:141-3.
4. Phan LT, Piluek WJ, **McCulley TJ.** Orbital Trapdoor fractures. Saudi J Ophthalmol 2012;26:277-82.
5. **McCulley TJ**, Piluek WJ, Chang J. Intracranial Pressure And Skull Remodeling. Saudi J Ophthalmol 2015;29:57-62.

6. **McCulley TJ, Chang JR, Piluek WJ.** Intracranial Pressure And Glaucoma. *J Neuroophthalmol* 2015;35:S38-44.
7. Singman EL, Daphalapurkar N, White H, Nguyen TD, Panghat L, Chang J, **McCulley TJ.** Indirect Traumatic Optic Neuropathy. *Military Medical Research* 2016;3:2.
8. Chang JR, Gruener AM, **McCulley TJ.** Orbital Disease In Neuro-Ophthalmology. *Neurol Clin* 2017;35:125-44.
9. **McCulley TJ**, Lam BL, Feuer WJ. Nonarteritic Anterior Ischemic Optic Neuropathy And Intraocular Surgery. *Am J Ophthalmol* 2017;175:14-16
10. **McCulley TJ**, Ko MW. Therapies, Trends Make Waved in Neuro-ophthalmology. *Ophthalmology Times* 2019;20:1-6.
11. **McCulley TJ**, Miller NR. Cataract Surgery IS a risk factor for NAION. *J Neuroophthalmol* (in press)
12. Agarwal N, Ahmed AK, Wiggins RH 3rd, **McCulley TJ**, Kontzialis M, Macedo LL, Choudhri AF, Ditta LC, Ishii M, Gallia GL, Aygun N, Blitz AM. Segmental Imaging of the Trochlear Nerve: Anatomic and Pathologic Considerations. *J Neuroophthalmol* 2020 (e-pub ahead of print).

#### **Other media (films, videos, CD-ROMS, slide sets, etc)**

1. Interviewed by BBC news regarding sildenafil and ischemic optic neuropathy (featured on electronic and broadcast reports), 2003.
2. Research on sildenafil and ischemic optic neuropathy featured on NBC news, 2004.
3. Interviewed by Fox News regarding scotopic sensitivity syndrome (Irlen Syndrome), 2007.
4. Video interview by *FCI Ophthalmics: Update in Oculoplastic Surgery*, 2007.
5. Video interview by *FCI Ophthalmics: Update in Neuro-Ophthalmology*, 2007.
6. Video interview “press release” for American Academy of Ophthalmology (AAO) on “Holiday Safety”, 2008.
7. Video interview by *FCI Ophthalmics: Orbital Tissue Expander Interview with Dr. David Tse*, 2008.

## **FUNDING**

Study Title: Traumatic optic neuropathy

Source: Wilmer Pooled Professor Fund (With support from Research to Prevent Blindness)

Role: co-investigator

PI: Eric Singman

Total: \$50k

2015

Study Title: Prospective and retrospective assessment of the clinical, radiologic, and biochemical characteristics of microvascular mononeuropathies of cranial nerves 3, 4, and 6 in Saudi Arabia

Source: KKESH – WEI Collaborative Research

Role: co-investigator

PI: Mac Bosley

Salary Support: 5%

Cranial nerve grant

Dates: 2015-16

Study Title: The Surpass IntraCranial Aneurysm Embolization System Pivotal Trial to treat large OR giant wide neck aneurysms (The SCENT Trial)

Source: Stryker

Role: co-investigator

PI: Alexander Coon

Salary Support: 1%

Dates: 07/15-10/15

Study Title: Pivotal Study of the Microvention Flow Re-Direction Endoluminal Device (FRED) Stent System in the Treatment of Intracranial Aneurysms

Source: Microvention

Role: Co-investigator

PI: Alexander Coon

Salary Support: 1%

Dates: 10/15-03/16

Study Title: Graves Ophthalmology Celecoxib Treatment Trial

Source: Stockwell Foundation

PI: Timothy McCulley

Amount: 25,000

Dates: 2016 – 2019

## **CLINICAL ACTIVITIES**

### **Licensure**

1995-96	Medical licensure, Hawaii
1999-03	Medical licensure, Florida
2000-04	Medical licensure, Ohio
1996-2015	Medical licensure, California
2011-present	Maryland #D0073128 (Expiration 9/30/2019)

### **Boards**

2000	Board certification, American Board of Ophthalmology
2010	Recertified, American Board of Ophthalmology
2020	Recertified, American Board of Ophthalmology

### **Other certifications**

1995	Certificate, Medical Officer Training in Diving and Hyperbaric Medicine, John A. Burns School of Medicine, University of Hawaii, Hyperbaric Treatment Center, Honolulu, Hawaii
2003	Board Examination, American Society of Ophthalmic Plastic and Reconstructive Surgeons (ASOPRS)

### **Clinical (Service) Responsibilities**

2002-2010	Prior to employment at Johns Hopkins clinical time allocations were not precisely recorded and fluctuated some over the years. In general, greater than 90% of time was clinical, divided similarly between neuro-ophthalmology, oculoplastic and orbital surgery.
2011-2012	Clinical activity was limited to that related to the collaboration between Johns Hopkins and King Khaled Eye Specialist Hospital (KKESH) in Riyadh, Saudi Arabia. During this period, I served as the director of the KKESH Division of Oculoplastic Surgery. The division was comprised of up to six faculty members, fellows, residents, medical students and staff. My clinical effort consisted almost entirely of managing patients with oculoplastic and orbital disease. In general, 70% of time was clinical, divided similarly between clinic and surgery, with the remaining 30% protected for administrative duties and research.
2013-present	Since relocating to Maryland in January 2013, 80 to 90% of time has been clinical, with 10 to 20% protected for administrative duties and research. Although focus has shifted depending upon departmental needs, clinical effort has been divided roughly equally between neuro-ophthalmology, oculoplastic surgery and orbital disease.

## **Clinical Productivity**

Split variably between neuro-ophthalmology and oculoplastic surgery, the total number of visits seen annually is near 3000, and the total number of surgeries and procedures is consistently over 300. This ranks among the top 10% of Wilmer physicians.

I also oversee fellows and residents. For the most part, they are present during clinics and surgery performed in my name and are included in the above tally. I also cover call for both neuro-ophthalmology, oculoplastic surgery as well as general ophthalmology call for Bayview hospital. Patients cared for in this capacity are not represented in the above tally.

## **Clinical Draw from Outside Local/Regional Area**

As a whole, roughly 15% of my clinical practice encounters are attributed to out-of-state patients. This percentage is substantially higher in East Baltimore Wilmer clinics: >30% of neuro-ophthalmology patients and >20% of oculoplastic patients. Although not a large percentage, I also routinely care for international patients. Starting in 2017, I have served as a member of a group of physicians that travel with the Orioles baseball team to their spring training camp in Sarasota Florida, to conduct eye examinations and visual screening.

## **Examiner for Specialty Boards**

2014-present Examiner for American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) oral board examination.

## **Clinical Program Building/Leadership**

The following is limited to efforts while on faculty at The Wilmer Eye Institute, Johns Hopkins School of Medicine.

### *King Khaled Eye Specialist Hospital (2011-2012)*

My initial role at Johns Hopkins was as one of seven physicians leading a collaborative effort between Johns Hopkins University and King Khaled Eye Specialist Hospital in Riyadh, Saudi Arabia. While overseeing the growth and refinement of the hospital as a whole, I served as director of arguably the largest Oculoplastic service in the world.

### *Vice Chair for Clinical Strategic Planning for Wilmer (2013 to present)*

As Vice Chair for Strategic Planning, my primary responsibility is to serve as the physician lead in Wilmer's expansive efforts throughout Maryland and more recently into The District of Columbia. I have played an integral role from initial practice and/or site assessment, creation of strategic and business plans and have mediated negotiations.

I also served in a leadership capacity for the Department of Ophthalmology at Bayview during its expansion and transition in chairperson. This process continued for over two years, spanning from 2013 into 2016. The department has grown and is currently enjoying newfound stability. Responsibilities have



also included oversight of restructuring of academic comprehensive eye care delivery. We defined and established the Division of Comprehensive Ophthalmology. I chaired the search committee that identified and recruited Dr Ashley Behrens as our inaugural Comprehensive Eye Service, Division Chief. Under Dr Behrens directorship, the division has continued to excel, virtually eliminating barriers to same day availability at Wilmer.

*Director of the Division of Neuro-ophthalmology (2014-present)*

In 2014, following the loss of key members of the division, I was approached to lead the rebuilding and expansion of the division of neuro-ophthalmology. While serving as division chief, in less than two years, we built the one of the largest neuro-ophthalmology division in the country, without compromise to our academic prominence. This included innovations, such as adding an optometrist for visual monitoring and recruiting physicians with dual subspecialty interests. We were also fortunate to attract and provide endowed funding to senior faculty. We now boast academic and clinical leadership, fulfilling the same day availability benchmark. Moreover, with our economy of size and diversity in clinical practice we are able to meet clinical demands while maintaining financial viability, an uncommon quality amongst academic neuro-ophthalmologists.

*Director of the Division of Oculoplastic Surgery (2016 to present)*

Following successes with neuro-ophthalmology, I was charged with leading the expansion of Wilmer's Division of Oculoplastic Surgery. After assuming the responsibility of division director, within less than one year, we recruited key members to the division, including staff, a clinic manager and two physicians. Our oculoplastic division includes individuals who have secured NIH funding, an uncommon accomplishment among oculoplastic specialists.

*Director, American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Fellowship in Oculoplastic Surgery, Orbital Surgery and Neuro-ophthalmology (2008-present)*

Being awarded directorship of one of the prestigious and coveted American Society of Oculoplastic and Reconstructive Surgery (ASOPRS) fellowship programs was a particularly gratifying early career accomplishment. This fellowship remains active and is notable for incorporating Neuro-Ophthalmology training. This tactic is a unique to this fellowship-training program and may prove to be a means to reenergize the challenged ophthalmic subspecialty of Neuro-Ophthalmology.

## EDUCATIONAL ACTIVITIES

### TEACHING

#### Classroom Instruction

- 2002-03 *University of California Irvine, Irvine, California:* During this period, I was responsible for designing and supervising the oculoplastic didactics and gave the majority of oculoplastic lecture, the exact number and titles were not documented. A rough estimate is 16 hours per year. I also delivered a number of neuro-ophthalmology resident lectures. A rough time estimate is 8 hours per year.
- 2003-06 *Stanford University, Stanford, California:* During this period, I was responsible for designing and supervising the oculoplastic and neuro-ophthalmology didactics and gave the majority of lectures in both subspecialties. The exact number and titles was not documented; a rough time estimate is 36 hours per year.
- 2006-2010 *University of California San Francisco, San Francisco, California:* During this period, I was responsible for designing and supervising the oculoplastic and neuro-ophthalmology didactics and gave a number of lectures, detailed below. The duration of each lecture varied from one to two hours.
- 2006 Blepharoptosis, The Basics; Orbital Infectious And Inflammatory Disease
- 2007 Ophthalmic Plastic Emergencies; Common Findings In Oculoplastic Surgery; Blepharoptosis: Diagnosis And Management; Orbital Inflammation And Cellulitis; Periocular Involution Changes; Neuro-Ophthalmologic Emergencies
- 2008 Surgical Approach To Orbital Neoplasm; Blepharoplasty Video Lecture; Oculoplastic Emergencies; Blepharoptosis: The Basics; Ectropion And Entropion; Orbital Inflammation; Oculoplastic Consults; Lacrimal Drainage System; Upper Blepharoplasty; Optic Nerve, Anatomy And Evaluation; The Swollen Nerve; Visual Field Testing In Ophthalmology; Chiasmal And Post-Chiasmal Lesions; Optic Neuropathies, Part 1: Anterior Ischemic Optic Neuropathy; Optic Neuropathies, Part 2: Case Discussions; Giant Cell Arteritis; Extraocular Motility; Management Of Diplopia; Supranuclear And Intranuclear Extraocular Motility; Nystagmus And Related Disorders; Neuro/Orbit Emergencies
- 2009 Blepharoptosis: Diagnosis And Management; Common Findings In Oculoplastic Surgery; Lower Eyelid Malposition: Entopion And Ectropion; Oculoplastic Emergencies; Oculoplastic Consults; Orbital Trauma; Functional Visual Loss; Transient Visual Changes; Multiple Sclerosis And Optic Neuritis; Neuro-Ophthalmology And Systemic Disease; Neuro-Ophthalmic Emergencies
- 2010 Blepharoptosis: Diagnosis and Management; Introduction to Oculoplastic Surgery; Visual Field Testing In Neuro-Ophthalmology; Chiasmal and Post-Chiasmal Lesions

- 2011-2012 *The Wilmer Eye Institute (King Khaled Eye Specialist Hospital Collaboration) Resident Lectures.* The duration of each lecture was from one to two hours.
- 2011 Orbital Trauma, Orbital Inflammatory Disease; Soft Tissue Trauma; Blepharoplasty; Lower Eyelid Malposition; Blepharoptosis: Evaluation; Blepharoptosis: Management
- 2012 Thyroid Eye Disease; Orbital Inflammatory Syndrome; Blepharoptosis: Evaluation; Blepharoptosis: Management; Lacrimal Drainage System; Orbital Trauma; Soft Tissue Trauma
- 2013-present *The Wilmer Eye Institute, Johns Hopkins University Resident Lectures.* Up to 2017, the duration of each lecture was from one to two hours. Beginning in 2018, lecture duration was shortened to 10 minutes.
- 2013 Abnormalities Of Ocular Motility; Optic Neuropathies; Transient Visual Changes; Oculoplastic Case Discussions
- 2014 Abnormalities Of Ocular Motility; Case Discussions
- 2015 Papilledema; Case Discussions
- 2016 Graves Ophthalmopathy; Blepharoptosis; Case Discussions
- 2016 Pupil Abnormalities; Case Discussions
- 2017 Graves Ophthalmopathy; Neuro-Ophthalmology and Systemic Disease; Motility Abnormalities; Blepharospasm and Hemifacial Spasm; Case Discussions
- 2018 Sarcoidosis and The Eye, Congenital Eyelid Abnormalities, Botox in Ophthalmology
- Johns Hopkins University School of Medicine, **Medical School/Student Lectures.*** The duration of each lecture was from one to two hours.
- 2015 Neuro-ophthalmology Case Discussions
- 2016 Optic Nerve Disease
- 2017 Optic Nerve Disease
- 2018 Optic Nerve Disease
- 2019 Optic Nerve Disease

### **Clinical Instruction**

- 2002-present Outpatient services, I have supervised medical students, residents and fellows in the management of patients with oculoplastic and neuro-ophthalmic disease.
- 2002-present Consult service, I have supervised residents and fellows in the management of patients with oculoplastic and neuro-ophthalmic disease.
- 2002-present Surgical service, I have supervised residents and fellows in the management of patients with oculoplastic and neuro-ophthalmic disease.

### **CME instruction (Institutional)**

- 1998 Grand Rounds, Department of Medicine, Stanford University School of Medicine, Stanford, California  
"Endophthalmitis"
- 1998 Grand Rounds, Division of Infectious Disease, Stanford University School of Medicine, Stanford, California  
"*Scediosporum apospermium* Endophthalmitis"
- 1999 Grand Rounds, Bascom Palmer Eye Institute, University of Miami School of Medicine, Miami, Florida  
"Optic Disk Drusen"
- 2000 Grand Rounds, Bascom Palmer Eye Institute, University of Miami School of Medicine, Miami, Florida  
"Hereditary Optic Neuropathies"
- 2001 Grand Rounds, Department of Ophthalmology, Cincinnati Eye Institute and The University Of Cincinnati, Cincinnati, Ohio  
"Naion and Cataract Extraction"
- 2001 Eyelid Conditions of the Elderly, Cincinnati Eye Institute and The University Of Cincinnati Department of Ophthalmology, Cincinnati, Ohio  
"Involutional Eyelid Changes"
- 2001 Basic Science Board Review, Department of Ophthalmology, The University Of Cincinnati, Cincinnati, Ohio  
"Oculoplastic Surgery"
- 2002 Annual Clinical Conference and Research Symposium, Department of Ophthalmology, The University of Cincinnati College of Medicine, Cincinnati, Ohio  
"The Effect of Visual Acuity on Clinical Color Vision Testing"
- 2002 Contemporary Neurology Conference, Department of Neurology, University of California at Irvine, Irvine, California

- 1) "Clinical Relevance of Spontaneous Venous Pulsations of The Optic Disk"
  - 2) "Traumatic Diplopia"
- 2003 Update in Oculoplastic Surgery, University of California Irvine, Irvine, California
- 1) "Periocular Infiltration"
  - 2) "Neuro-Ophthalmologic Applications of Botox"
  - 3) "Botox, General Contributions"
- 2004 The Next Step: Advances in Facial Plastic Surgery, Stanford University School of Medicine, Department Of Dermatology, Stanford, California
- "Lower Eyelid Blepharoplasty and the Midface"
- 2004 Facial Anatomy, Department of Dermatology, Stanford University School of Medicine, Stanford, California
- "Eyelid Anatomy"
- 2005 Grand Rounds, Stanford University School of Medicine, Department Of Neurology, Stanford, California
- "Optic Disk Edema"
- 2005 Grand Rounds, Department Of Otolaryngology, Stanford University School of Medicine, Stanford, California
- "Blepharoptosis: Diagnosis and Management"
- 2005 Advances In Facial Reconstruction, Department Of Dermatology, Stanford University School Of Medicine, Stanford, California
- "Eyelid Reconstruction"
- 2005 Grand Rounds, Department Of Neurology, Stanford University School of Medicine, Stanford, California
- "Diplopia"
- 2005 Facial Anatomy, Department Of Dermatology, Stanford University School of Medicine, Stanford, California
- "Eyelid Anatomy"
- 2006 University Of California San Francisco December Course, San Francisco, California
- 1) "Update In Oculoplastic Surgery"
  - 2) "Botox for The Ophthalmologist"
- 2007 Cordes Society, Department Of Ophthalmology, University Of California San Francisco, San Francisco, California
- "Orbital Hemorrhage: An Experimental Model"
- 2007 University Of California San Francisco December Course, Department Of Ophthalmology, San Francisco, California
- 1) "Botox: General Considerations and Neuro-Ophthalmic Applications"
  - 2) "Blepharoplasty Tips, Part 1: The Eyelid Crease"

- 2008 University Of California San Francisco December Course, San Francisco, California  
 1) "Update On Non-Arteritic Ischemic Optic Neuropathy"  
 2) "Blepharoplasty Tips, Part 2: The Lateral Brow"
- 2009 University Of California San Francisco December Course, San Francisco, California  
 1) "Perimetry in Neuro-Ophthalmology"  
 2) "Upper Eyelid Reconstruction: What's New"
- 2010 Cordes Eye Society, Department Of Ophthalmology, University Of California San Francisco, San Francisco, California  
 "The Hot Orbit: When Do You Need To Worry?"
- 2011 Grand Rounds, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia  
 "Arvo Hot Topics"
- 2011 Symposium on Diagnostic Imaging, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia  
 1) "Magnetic Resonance Imaging and Computed Tomography in The Assessment Of Orbital Disease"  
 2) "OCT and the RNFL"
- 2012 Grand Rounds, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia  
 "Blepharoptosis: Modern Management"
- 2012 Subspecialty Lecture Series, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia  
 "Clinical Approach to Orbital Inflammation"
- 2013 Grand Rounds, The Wilmer Eye Institute, Baltimore, Maryland  
 "Blepharoptosis, Neuro-Ophthalmic and Oculoplastic Considerations"
- 2013 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
 "Skull Remodeling and Intracranial Hypotension"
- 2014 Neuro-Ophthalmology for The Clinician: A Practical Approach, The Wilmer Eye Institute, Baltimore, Maryland  
 1) "Ptosis and Lid Retraction"  
 2) "Acute Monocular Visual Loss with Optic Disc Swelling (Acute Anterior Optic Neuropathies)"
- 2014 Topics in Clinical Medicine At Johns Hopkins. Johns Hopkins School of Medicine, Baltimore, Maryland  
 "Blepharoptosis: Neuromuscular Considerations"
- 2014 Research Symposium (Farm), The Wilmer Eye Institute, Baltimore, Maryland  
 "Intracranial Hypotension and Skull Remodeling",
- 2014 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland

“Update On Surgical Management of Graves Disease”

- 2015 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
“Update On Management of Optic Nerve Gliomas”
- 2017 Update in Neuro-Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
1) “Insidious Unilateral and Bilateral Visual Loss Without Optic Disk Edema”  
2) “Blepharoptosis and Eyelid Retraction”
- 2017 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
Panel Member: Oculoplastic Case Discussion”
- 2018 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
1) Panel Member: Oculoplastic Case Discussion  
2) Panel Member: Neuro-ophthalmology Case Discussions
- 2019 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
“Controversies in Graves Ophthalmopathy”
- 2020 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Baltimore, Maryland  
“Teprotumamab”

### **Workshops/Seminars**

- 2004 The Next Step: Advances in Facial Plastic Surgery, Department of Dermatology, Stanford University School of Medicine, Stanford, California  
Anatomy Dissection/Workshop Proctor
- 2004 The Osler Ophthalmology Board Review Course, San Francisco, California  
Mock Oral Board Examiner
- 2005 Facial Anatomy, Department of Dermatology, Stanford University School of Medicine, Stanford, California  
Anatomy Dissection/Workshop Proctor
- 2005 The Osler Ophthalmology Board Review Course, San Francisco, California  
Mock Oral Board Examiner
- 2006 Bay Area Ophthalmology Course, Department of Ophthalmology, Stanford University School of Medicine, Stanford, California  
1) Testing and Imaging Lab Proctor  
2) Cranial Lab Proctor
- 2006 The Next Step: Advances In Facial Plastic Surgery, Department Of Dermatology, Stanford University School Of Medicine, Stanford, California  
Anatomy Dissection/Workshop Proctor

- 2006            Orbital Course and Lab, University of California San Francisco and California Pacific Medical Center, San Francisco, CA  
Anatomy and Dissection Workshop Proctor
- 2007            University of California San Francisco December Course, Department Of Ophthalmology, University Of California San Francisco, San Francisco, California  
1) Botox Workshop Organizer/Chair  
2) Botox Workshop Proctor
- 2007            Craniofacial Plating Practicum, Department of Ophthalmology, Stanford University School of Medicine, Stanford, California  
Workshop Proctor
- 2007            Journal Club: Ophthalmic Plastic Section, University of California San Francisco and California Pacific Medical Center, San Francisco, California  
1) Organizer  
2) Moderator
- 2007            The Osler Ophthalmology Board Review Course, San Francisco, California  
Mock Oral Board Examiner
- 2007            Orbital Course and Lab, University of California San Francisco and California Pacific Medical Center, San Francisco, California  
Anatomy and Dissection Workshop Proctor
- 2007            Basic Suturing Lab, University of California San Francisco, San Francisco, California  
Workshop Proctor
- 2007            Instructional Course “Botox For The Ophthalmology”, University Of California San Francisco, San Francisco, California
- 2008            Journal Club: Ophthalmic Plastic Section, University of California San Francisco and California Pacific Medical Center, San Francisco, California  
Moderator
- 2008            Orbital Course and Lab, University of California San Francisco and California Pacific Medical Center, San Francisco, California  
Anatomy and Dissection Workshop Proctor
- 2008            The Osler Ophthalmology Board Review Course, San Francisco, California  
Mock Oral Board Examiner
- 2008            Basic Suturing Lab, University of California San Francisco, San Francisco, California  
Workshop Proctor
- 2009            Orbital Course and Lab, University of California San Francisco and California Pacific Medical Center, San Francisco, California  
Anatomy and Dissection Workshop Proctor



- 2009 Basic Suturing Lab, University of California San Francisco, San Francisco, California  
Workshop Proctor
- 2010 Journal Club: Ophthalmic Plastic Section, University of California San Francisco and  
California Pacific Medical Center, San Francisco, California  
Moderator
- 2010 Orbital Course and Lab, University of California San Francisco and California Pacific  
Medical Center, San Francisco, California  
Anatomy and Dissection Workshop Proctor
- 2010 Basic Suturing Lab, University of California San Francisco, San Francisco, California  
Workshop Proctor
- 2013 Oculoplastic Surgical Cadaveric Dissection, The Wilmer Eye Institute, Johns Hopkins  
School Of Medicine, Baltimore, Maryland  
Surgical Dissection Proctor
- 2014 Oculoplastic Surgical Cadaveric Dissection, The Wilmer Eye Institute, Johns Hopkins  
School Of Medicine, Baltimore, Maryland  
Surgical Dissection Proctor
- 2017 Oculoplastic Surgical Cadaveric Dissection, The Wilmer Eye Institute, Johns Hopkins  
School Of Medicine, Baltimore, Maryland  
Surgical Dissection Proctor
- 2018 Management Techniques in Thyroid Eye Disease, Eyelid Retraction  
American Academy of Ophthalmology (AAO) Instructional Course  
AAO Annual Meeting, Chicago, Illinois
- 2018 Controversies in Neuro-Ophthalmic Management, Traumatic Optic Neuropathy  
American Academy of Ophthalmology (AAO) Instructional Course  
AAO Annual Meeting, Chicago, Illinois
- 2019 Controversies in Neuro-Ophthalmic Management, Graves Ophthalmopathy  
American Academy of Ophthalmology (AAO) Instructional Course  
AAO Annual Meeting, San Francisco, California
- 2019 Oculoplastic Surgical Cadaveric Dissection, The Wilmer Eye Institute, Johns Hopkins  
School Of Medicine, Baltimore, Maryland  
Surgical Dissection Proctor
- 2020 Controversies in Neuro-Ophthalmic Management, Orbital Inflammatory Syndrome  
American Academy of Ophthalmology (AAO) Instructional Course  
AAO Annual Meeting, Virtual

**Public Service (Teaching)**

- 2008 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Mirage, India
- 2008 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Harbin, China
- 2009 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Da Nang, Vietnam
- 2010 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Aligarh, India
- 2011 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Iloren, Nigeria
- 2012 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Lanzhou, China
- 2014 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Gondar, Ethiopia
- 2016 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Taiyuan, China
- 2017 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Can Tho, Vietnam
- 2019 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Kingston, Jamaica
- 2019 Orbis Flying Eye Hospital Sponsored Clinical and Teaching Operation in Hue, Vietnam

## **MENTORING**

### **Fellowship Preceptor (primary)**

2005-06	Joyce Y Liao Fellowship in Neuro-ophthalmology (Co-preceptor with Jonathan Horton) Currently director of neuro-ophthalmology, Department of Ophthalmology, Stanford University School of Medicine, Stanford, California Awarded “Young Researcher Award”, North American Neuro-ophthalmology Society, 2011
2006-07	Jenny J Hong Fellowship in Neuro-ophthalmology and Oculoplastic Surgery Currently in private practice, San Francisco, California
2006-08	Thomas N Hwang Fellowship in Neuro-ophthalmology and Oculoplastic Surgery Currently in private practice, San Francisco, California
2008-09	Michael K Yoon Fellowship in Neuro-ophthalmology and Orbital Surgery
2009-11	Michael K Yoon ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery and Neuro-ophthalmology Currently on faculty, Massachusetts Eye and Ear Infirmary, Harvard University School of Medicine, Boston, Massachusetts
2011-13	Laura T Phan ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery and Neuro-ophthalmology Currently in private practice, Los Gatos, California
2013-15	W. Jordan Piluek ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery and Neuro-ophthalmology Currently in private practice, Palo Alto, California
2015-17	Jessica Chang ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery and Neuro-ophthalmology Currently on faculty, University of Southern California, Department of Ophthalmology, Los Angeles, California
2017-19	Nickisa Hodgson ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery and Neuro-ophthalmology Currently on faculty, Sunni Downstate Department of Ophthalmology, Brooklyn, New York
2019-present	Emma McDonnell ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery and Neuro-ophthalmology

## **Fellowship Preceptor (associate)**

2006-08	Brian Seiff ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery Primary preceptor: Stewart Seiff Department of Ophthalmology, University of California, San Francisco
2008-10	Eve Mascoto ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery Primary preceptor: Stewart Seiff Department of Ophthalmology, University of California, San Francisco
2010	Harmeet Gill ASOPRS Fellowship, Oculoplastic and Reconstructive Surgery Primary preceptor: Stewart Seiff Department of Ophthalmology, University of California, San Francisco
2011-12	Essam Kordi Fellow in Oculoplastic Surgery King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
2012	Somaya Hanafi Fellow in Oculoplastic Surgery King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
2012	Mohammed Harthi Fellow in Oculoplastic Surgery King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
2012	Zakeya Sadah Fellow in Oculoplastic surgery King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
2015-16	Anna Gruiner Fellow in Neuro-ophthalmology Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland
2016-17	Lilangi Edirinickrema Fellow in Neuro-ophthalmology Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland
2016-18	Sarah DeParis Fellow in Oculoplastic Surgery Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland

### **Fellowship Observational (primary preceptor)**

2006-2007	Luciano Pereira, Foreign fellow from Brazil
2007	Xavier Garcia, Foreign fellow from Spain
2013	Zakeya Sadah, Foreign fellow from Saudi Arabia
2015	Puneet S Braich, Resident, Virginia Commonwealth University, Richmond, Virginia
2017	Hungchang Chen, Foreign fellow from China

### **Faculty mentor (residents)**

2006-09	Isabella Phan, Resident, University of California San Francisco, San Francisco, California
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### **Research supervisor (residents)**

1999-2000	Kara Hoffman, Resident, Bascom Palmer Eye Institute, Miami, Florida
1999-2000	Charlie Eifrig Resident, Bascom Palmer Eye Institute, Miami, Florida
1999-2000	Alice Song, Resident, Bascom Palmer Eye Institute, Miami, Florida
2000-03	Don Hudak, Resident, University of Cincinnati, Cincinnati, Ohio
2000-03	Sam Dahr, Resident, University of Cincinnati, Cincinnati, Ohio
2002-03	Charles Barsam, Resident, University of California Irvine, Irvine, California
2002-03	Neda Shamie, Resident, University of California Irvine, Irvine, California
2002-03	Memarzade Farid, Resident, University of California Irvine, Irvine, California
2002-03	Genish Kandavel, Resident, University of California Irvine, Irvine, California
2002-04	Melanie Erb, Resident, University of California Irvine, Irvine, California
2004-05	Gloria Wang, Resident, Stanford University, Stanford, California
2004-05	Amish Doshi, Resident, Stanford University, Stanford, California
2005-06	Svetlana Pilyugina, Resident, Stanford University, Stanford, California
2005-06	Atul Jain, Resident, Stanford University, Stanford, California
2005-06	Judy Ou, Resident, Stanford University, Stanford, California
2005-06	Thomas Hwang, Resident, Stanford University, Stanford, California
2005-08	Chris Zoumalan, Resident, Stanford University, Stanford, California
2006-07	Ying Han, Resident, University of California San Francisco, San Francisco, California
2006-09	Shelley Day, Resident, University of California San Francisco, San Francisco, California
2007	Jennifer Taylor, Resident, University of California San Francisco, San Francisco, California
2007-08	Soroya Rafaga, Resident, University of California San Francisco, San Francisco, California
2007-08	Michelle Trager, Resident, University of California San Francisco, San Francisco, California
2007-09	Isabella Phan, Resident, University of California San Francisco, San Francisco, California
2008-09	Charles Lin, Resident, University of California San Francisco, San Francisco, California
2008-09	Joseph Martel, Resident, University of California San Francisco, San Francisco, California
2009	Michael Chen, Resident, University of California San Francisco, San Francisco, California
2009-11	Aiyin Chen, Resident, University of California San Francisco, San Francisco, California
2009-12	Sara Haug, Resident, University of California San Francisco, San Francisco, California
2009-12	Julie Schallhorn, Resident, University of California San Francisco, San Francisco, California

2012-13 Zakeya Sellah, Resident, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia  
2012 Abdullah Alaraj, Resident, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia  
2013 Sumayya Ahmad, Resident, Wilmer Eye Institute, Baltimore, MD  
2013 Sherveen Salek, Resident, Wilmer Eye Institute, Baltimore, MD  
2014 Jessica Chang, Resident, Wilmer Eye Institute, Baltimore, MD  
2015 Jefferson Doyle, Resident, Wilmer Eye Institute, Baltimore, MD  
2017 Angeline Nguyen, Resident, Wilmer Eye Institute, Baltimore, MD  
2018-19 Jiawei Zhao, Resident, Wilmer Eye Institute, Baltimore, MD

**Research supervisor (students)**

1999-2001 Adam Levy, Medical Student, University of Miami, Miami, Florida  
2006-09 Clarissa Kum, Optometry Student, New York, New York  
2007-08 Victoria Nguyen, Medical Student, University of California Las Angeles, Las Angeles,  
California  
2008-09 Tina Kao, Medical student, University of California San Francisco, San Francisco,  
California  
2013 Guneet Sodhi, Medical Student, George Washington University, Washington DC.

## ORGANIZATIONAL ACTIVITIES

### Institutional Administrative Appointments

#### *University of California Irvine, School of Medicine*

- 2002-03 Member: residency selection committee, University of California Irvine, department of ophthalmology
- 2002-03 University of California Irvine, coordinator, medical student physical diagnosis course in ophthalmology

#### *Stanford University, School of Medicine*

- 2004-06 Stanford University, facial plastic surgery candidate search committee, department of otolaryngology
- 2004-06 Member: residency selection committee - Stanford University, department of ophthalmology
- 2004-06 Chair: quality assurance committee, Stanford University, department of ophthalmology
- 2005-06 Stanford University, clinical advisory committee, electronic medical records vendor evaluation

#### *University of California San Francisco, School of Medicine*

- 2006-09 Member: search committee for ophthalmic plastic and reconstructive surgery faculty, UCSF, department of ophthalmology
- 2006-10 Member, grand rounds invited speaker selection committee, UCSF, department of ophthalmology
- 2007 Coordinated instructional course on Botox as part of the "December course"
- 2007 Member, billing and collections committee, UCSF, department of ophthalmology
- 2007-10 Member, clinical committee, UCSF, department of ophthalmology
- 2007-10 UCSF credentialing committee, member
- 2007-10 Member, "December Course" planning committee
- 2010 Continuing care intersession (medical student rotation), preceptor

#### *Wilmer Eye Institute, Johns Hopkins University School of Medicine*

- 2011-12 Institutional review board, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
- 2011-12 Education committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
- 2011-12 Division chiefs committee, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
- 2013 Comprehensive Eye Care Planning Task Force, Chair
- 2013 Glaucoma Faculty Search Committee, Member
- 2013 Division Chief, Comprehensive Eye Service Search Committee, Chair
- 2013-14 Satellite Finance Task Force, Member
- 2014 Comprehensive Satellite Faculty Search Committee, Member
- 2014-15 Neuro-ophthalmology Optometrist Clinic Manager Search Committee, Chair

2014-15 Neuro-ophthalmology Academic Clinician Search Committee, Chair  
 2014-15 Neuro-ophthalmology Clinical Scientist Search Committee, Member  
 2015-16 Neuro-ophthalmology Academic Clinician Search Committee, Chair  
 2013-16 Bayview Advisory Board  
 2017 Wilmer Division/Satellite 5-year Review Committee, Green Spring Practice Location  
 2018 Wilmer Division/Satellite 5-year Review Committee, Frederick Practice Location  
 2018 Wilmer Division/Satellite 5-year Review Committee, Columbia Practice Location  
 2018 Wilmer Division/Satellite 5-year Review Committee, Bel Air Practice Location  
 2018 The Comprehensive Review of the Johns Hopkins Department of Anesthesiology & Critical Care Medicine, Committee Member  
 2015-20 Associate Professors Promotions Committee, Member

2013-present Accountable Care Organization task force, The Wilmer Eye Institute, Johns Hopkins School of Medicine  
 2013-present Long Range Development Committee, Member  
 2013-present Financial Committee, Member  
 2013-present Clinical Practice & Billing/Compliance Advisory Committee (CPABC), Member  
 2015-present Medical Staff Conference Committee (MSCC), Member  
 2015-present Mitchell Prize Committee, Member  
 2019-present Mentoring Best Practices Leadership Committee, Member

### **Editorial Board Appointments**

2009-2018 Journal of Neuro-Ophthalmology, Chief Photo Essays  
 2010-present Frontiers in Neuro-Ophthalmology  
 2018-present Journal of Neuro-Ophthalmology, Technology-Based Content Section

### **Journal Peer Review Activities**

2002-present Ophthalmology  
 2003-present American Journal of Ophthalmology  
 2004-present Journal of Neuro-Ophthalmology  
 2004-present Ophthalmic Plastic and Reconstructive Surgery  
 2005-present Journal of Cataract and Refractive Surgery  
 2005-present Journal of Ocular Pharmacology and Therapeutics  
 2006-present Archives of Ophthalmology/JAMA Ophthalmology  
 2006-present British Journal of Ophthalmology  
 2006-present Eye (subdivision of Nature)  
 2010-present Journal of Pediatric Ophthalmology and Strabismus  
 2010-present Canadian Journal of Ophthalmology  
 2010-present Japanese Journal of Ophthalmology  
 2011-present Journal of Cancer Research and Therapeutics  
 2011-present Middle East and African Journal of Ophthalmology  
 2011-present Saudi Journal of Ophthalmology  
 2011-present Oman Journal of Ophthalmology



## **Book Reviews**

1. Asian Blepharoplasty and the Eyelid Crease, second edition, Chen WPD (Ed). Butterworth-Heinemann, St Louis 2006 (published in Ophthal Plast Recon Surg).
2. Putterman's Cosmetic Oculoplastic Surgery, 4th edition, Fagien S (Ed). Saunders, St Louis 2008 (published in Amer J Ophthalmol).

## Professional Societies

### *Memberships*

2001-present	American Academy of Ophthalmology (AAO), fellow
2006-present	North American Neuro-ophthalmology Society (NANOS), fellow
2003-present	American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS)
2013-present	American Ophthalmology Society (AOS)
1998-2002	International Society of Refractive Surgery (ISRS)
1998-2002	American Society of Cataract and Refractive Surgery (ASCRS)
1998-2002	Ocular Microbiology and Immunology Group (OMIG)
2002-2003	Orange County Society of Ophthalmology
2001-2006	North American Neuro-ophthalmology Society (NANOS), member
2006-2010	Pacific Coast Oto-ophthalmological Society (PCOOS)
2004-2011	Mid-peninsula Eye Society
2011-2013	Saudi Arabian Ophthalmologic Society (SOS)
1997-2015	Association for Research in Vision and Ophthalmology (ARVO)

### *Service to Professional Organizations*

#### *North American Neuro-Ophthalmology Society (NANOS) and Walsh Society*

2004-2009	Patient education committee, member
2008	Walsh society annual meeting planning committee, chair
2008-2010	Walsh society committee, member
2013	Walsh society annual meeting planning committee, member
2014	AAO/NANOS Symposium, chair
2012-2016	AAO Education Subcommittee, member
2012-present	Abstract Selection Committee, member
2014-present	Productivity/Compensation Committee, member
2014-present	Recruitment & Retention Committee, member
2018-present	Highlighting Neuro-Ophthalmology Advances Committee (Former Public Relations Committee), Vice Chair

#### *American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS)*

2016	Ad-Hoc Committee: Fellowship Training Surgical Requirements
2012-17	Abstract Selection Committee, member
2008-present	Fellowship Committee, member
2011-present	Education Committee, member
2014-present	Oral Board Examiner

*American Academy of Ophthalmology (AAO)*

2004-2008 Basic and Clinical Science Course Committee: Ophthalmic Plastic Surgery Section  
2007 Neuro-ophthalmology Subspecialty Day, lecturer  
2009 Neuro-ophthalmology Subspecialty Day, lecturer  
2011 Neuro-ophthalmology Subspecialty Day, lecturer  
2008-1013 Practicing Ophthalmologists Curriculum Panel: Neuro-Ophthalmology/Orbit Section  
2013 Neuro-ophthalmology Subspecialty Day Planning Committee  
2019-present Ophthalmic Technology Assessment Committee (OTAC) Oculoplastics and Orbit Panel, Member

*Association for Research and Vision in Ophthalmology (ARVO)*

2007-2010 Professional Development and Education Committee, Member

*California Mid-Peninsula Eye Society*

2006-07 Treasurer  
2007-08 Vice president  
2008-10 President

*Pacific Coast Oto-Ophthalmologic Society (PCOOS)*

2007-09 Program Planning Committee, member  
2009-10 Program Planning Committee, chair

*Saudi Arabian Ophthalmologic Society (SOS)*

2012-2013 Program Planning Committee, member

## Conference Organizer, Session Chair, Moderator

### *Regional*

- 2003 Update on Oculoplastic Surgery, University of California at Irvine, Irvine, California  
1) Course Director/Coordinator  
2) Moderator, Botox in Ophthalmology Session  
3) Moderator, Eyelid Malignancies Session
- 2006 University of California San Francisco December Course, Department of Ophthalmology, University of California San Francisco, San Francisco, California  
1) Session Chair and Moderator, Neuro-ophthalmology Session  
2) Session Chair and Moderator, Oculoplastic Session
- 2007 University of California San Francisco December Course, Department of Ophthalmology, University of California San Francisco, San Francisco, California  
1) Session Chair and Moderator, Neuro-ophthalmology Session  
2) Session Chair and Moderator, Oculoplastic Session  
3) Chair/Proctor, Therapeutic and Cosmetic Botox Demonstration
- 2008 University of California San Francisco December Course, Department of Ophthalmology, University of California San Francisco, San Francisco, California  
Session Chair and Moderator, Oculoplastic Session
- 2009 University of California San Francisco December Course, Department of Ophthalmology, University of California San Francisco, San Francisco, California  
Session Chair and Moderator, Oculoplastic Session
- 2010 University of California San Francisco December Course, Department of Ophthalmology, University of California San Francisco, San Francisco, California  
Session Chair and Moderator, Oculoplastic Session
- 2015 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
Session Chair and Moderator, Neuro-ophthalmology
- 2016 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
Session Chair and Moderator, Neuro-ophthalmology
- 2017 Update in Neuro-ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
Moderator, General Session
- 2017 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
1) Session Chair and Moderator, Neuro-ophthalmology  
2) Session Chair and Moderator, Oculoplastic Surgery

- 2018 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
1) Session Chair, Neuro-ophthalmology  
2) Session Chair, Oculoplastic Surgery
- 2019 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
Session Chair, Neuro-ophthalmology
- 2020 Current Concepts in Ophthalmology, The Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, Maryland  
Session Chair, Neuro-ophthalmology

*National*

- 2003 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) Annual Meeting, Anaheim, California  
Moderator, AIDS and the Eye Course
- 2007 Pacific Coast Ophthalmology and Otolaryngology Society (PCOOS) Annual Meeting, Hawaii Island, Hawaii  
Moderator, Oculoplastic Surgery and Neuro-ophthalmology Session
- 2007 North American Neuro-ophthalmology Society (NANOS) Annual Walsh Meeting, Salt Lake City, Utah  
Moderator, Case Presentation Session
- 2007 Neuro-Ophthalmology Subspecialty Day, American Academy of Ophthalmology, New Orleans, Louisiana  
Expert Panel, Case Presentations
- 2008 Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Ft Lauderdale, Florida  
Moderator, Anatomy and Pathology Session
- 2008 Pacific Coast Oto-Ophthalmologic Society (PCOOS) Annual Meeting. Newport Beach, California  
Moderator, General Ophthalmology Session
- 2009 Neuro-Ophthalmology Subspecialty Day, American Academy of Ophthalmology, San Francisco, California  
Expert Panel, Case Presentations
- 2009 Pacific Coast Oto-Ophthalmologic Society (PCOOS) Annual Meeting, Turtle Bay, Hawaii  
1) Moderator, Neuro-ophthalmology and Oculoplastic Session  
2) Moderator, General Ophthalmology Session

- 2010 Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Ft Lauderdale, Florida  
Moderator, Orbital Disease Session
- 2010 Pacific Coast Oto-Ophthalmologic Society (PCOOS) Annual Meeting, Santa Cruz, California  
Moderator, Oculoplastic Session
- 2010 North American Neuro-ophthalmology Society (NANOS) Annual Walsh Meeting, Lake Tahoe, California  
Program Chair and Moderator
- 2011 Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Ft Lauderdale, Florida  
Moderator, Advances in Evaluation and Treatment in Neuro-Ophthalmology, Free Paper Session
- 2012 American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Annual Meeting, Chicago, Illinois  
Session Moderator, Rejuvenating the Midface and Lower Face
- 2013 North American Neuro-ophthalmology Society (NANOS) Annual Meeting, Snowbird, Utah  
Moderator, Scientific Paper Session
- 2013 Neuro-Ophthalmology Subspecialty Day, American Academy of Ophthalmology, New Orleans, LA  
1) Co-chair, Planning Committee  
2) Session Moderator, Neuro-ophthalmic Signs
- 2014 American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Spring Meeting, Park City, Utah  
Moderator, Cosmetic Surgical Free Paper Session
- 2014 American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Annual Meeting, Chicago, Illinois  
Moderator, Orbit Session
- 2015 North American Neuro-ophthalmology Society (NANOS) Annual Meeting, San Diego, California  
Moderator, Scientific Session
- 2019 North American Neuro-ophthalmology Society (NANOS) Annual Meeting, Las Vegas, Nevada  
Moderator, Scientific Session

*International*

- 2008 International Neuro-Ophthalmology Society (INOS) Annual Meeting, Napa, California  
Moderator, Idiopathic Intracranial Hypertension Session
- 2012 World Ophthalmology Congress, Abu Dhabi, United Arab Emirates  
1) Session Chair and Moderator, "Eye for an Eye"  
2) Session Chair and Moderator, "Eyelid Tumors"
- 2013 Saudi Ophthalmology Society Annual Meeting, Riyadh, Saudi Arabia  
1) Program Planning Committee  
2) Session Chair, Oculoplastic Surgery
- 2018 Curso Regional Panamericano de Oftalmologia, Cartagena, Columbia  
Moderator, Current Concepts in Ophthalmology

**Consultantships**

*Medical Expert*

- 2002-06 Medical Advisory Committee, Coachella Valley Desert Visionaries, Palm Springs, California
- 2002-11 Expert consultant, Therapeutic Research Center: Prescribers' and Pharmacists' Letters
- 2005-10 Lilly ICOS, medical expert consultant regarding association between Viagra and Ischemic Optic Neuropathy

*Industry: Pharmaceutical and Device*

- 2009-2010 SRI International, Regarding eyelid reanimation
- 2011-2016 SRI International, Regarding eyelid reanimation
- 2016-present Genentech, Giant Cell Arteritis Advisory Board
- 2017-present Genentech, Consultant

*Education/Academic*

- 2006 The Eye Institute, Singapore, Expert "Judge" for The Eye Institute-Pfizer Research Prizes
- 2006 Development consultant, "Facial Nerve Weakness: Care of Your Eye", patient care instructional brochure for otolaryngologists

*Media and News*

- 2000            Consultant for article entitled “Phacoemulsification associated with increased incidence of nonarteritic anterior ischemic optic neuropathy” Ocular Surg News 2000;18:18
- 2003            Consultant for article entitled “Oral Sildenafil causes inconsistent changes in choroidal vascular congestion” Euro Times April 2003:28
- 2003            Research on ischemic optic neuropathy and sildenafil featured on BBS segment “Eye Damage Fears Eased” BBC News (Electronic and Broadcast Reports)
- 2004            Research on ischemic optic neuropathy featured on NBC news
- 2005            Research featured in article “Character counting used as a possible vision screening tool” Eye World September 2005
- 2008            Consulted/interviewed for featured on ABC nightly news report on “Fluorescent Lights and the Eyes”
- 2010            Consultant for article entitled “Neurogenic Blepharoptosis”, Ophthalmology Times
- 2010            Consultant for article entitled "Cosmetic Oculoplastic Surgery", Ophthalmology Times
- 2016            Consultant for New York Times, regarding visual therapy

**RECOGNITION**

**Awards, Honors**

- 1987-91        Dean's Honor List (all semesters awarded during undergraduate education)
- 1992            Carl F. and Gerty T. Cory awards for “Superior scholarship in biochemistry”, Washington University School of Medicine, Saint Louis, Missouri
- 1992            Letter of commendation, “Outstanding performance in neuroscience”, Washington University School of Medicine, Saint Louis, Missouri
- 2003            TEI Pfizer Award for “Best Case Series”  
McCulley TJ, Kersten RC, Yip CC, Kulwin DR. Isolated Unilateral Neurogenic Bleharoptosis Secondary to Eyelid Trauma. Am J Ophthalmol 2002; 134: 626-7.
- 2004            TEI Pfizer Award for “Best Case Report”  
Yip CC, Kersten RC, McCulley TJ, Ballard ET, Kulwin RC. Osteogenic Sarcoma after Orbital Radiation for Rhabdomyosarcoma. Ophthalmology 2003;110:1996-9.
- 2004            Joint Commission of Allied Health Professionals in Ophthalmology (JCAHPO) Teaching Award



- 2007 Senior author and supervisor “Best Walsh Society Presentation”  
*Hwang TN, McCulley TJ*. A case of bilateral optic neuropathy. Walsh Society annual meeting, February 2007.
- 2008 Senior author and supervisor “Best Walsh Society Presentation”  
*Hwang TN, Rafaga S, Hoyt WF, McCulley TJ*. Enophthalmos following ventriculo-peritoneal shunting. Walsh Society annual meeting, February 2008.
- 2008 American Academy of Ophthalmology “Achievement Award”  
The Achievement Award recognizes individuals who make “exceptional” contributions to the scientific programs at the annual meeting, encompassing multiple categories of influence to the Academy.
- 2016 American Journal of Ophthalmology, Elsevier Publishing, Certificate Awarded for Outstanding Contribution in Reviewing
- 2017 Ophthalmology, Elsevier Publishing, Certificate Awarded for Outstanding Contribution in Reviewing
- 2018 Senior author and supervisor “*Top 10 Presentations*”  
*Nguyen A, Henderson A, McCulley TJ*. Thyroid-Associated Ophthalmopathy Presenting as Superior Rectus and Levator Palpebrae Enlargement. Women in Ophthalmology, Summer Symposium, Ponte Vedra, Florida, 2018.
- 2019 Senior author, “Second Best Poster”  
Gruener A, Poostchi A, Carey A, Henderson AD, Chang JR, **McCulley TJ**. Giant Cell Arteritis in African Americans: 10-Year Data from Johns Hopkins. European Neuro-Ophthalmological Society Annual Meeting, June 2019.
- 2007-present Listed in Americas Best Doctors

## Invited Lectures

### *Regional*

- 2003 Coachella Valley Desert Visionaries, Palm Springs, California  
1) Involutional Eyelid Changes  
2) Neoplasms of the Eyelids
- 2004 The Osler Ophthalmology Board Review Course, San Francisco, California  
1) Visual Field Testing  
2) Supranuclear Abnormalities in Extraocular Motility and Nystagmus  
3) Chiasmal and Post-chiasmal Lesions

- 2004            Symposium of Neural Hydrodynamics, Palo Alto, California  
Visual Loss Following CSF Shunting Procedures
- 2005            Grand Rounds, University of California at San Francisco, San Francisco, California  
NAION and Intraocular Surgery
- 2006            The Osler Ophthalmology Board Review Course, San Francisco, California  
1) Involutional Eyelid Changes  
2) Periocular Trauma and Reconstruction
- 2006            Resident Teaching Rounds, University of California at San Francisco  
Blepharoptosis: Diagnosis and Management
- 2006            Resident Teaching Rounds, Department of Ophthalmology, Stanford University School of  
Medicine, Stanford, California  
Facial Nerve Dysautonomia
- 2006            Grand Rounds, Kaiser Permanente, Oakland, California  
Blepharoptosis: Diagnosis and Management
- 2006            Bay Area Ophthalmology Course, Department of Ophthalmology, Stanford University  
School of Medicine, Stanford, California  
1) Orbital Osteology  
2) The Lacrimal Drainage System  
3) Extraocular Motility: Nuclear and Peripheral Nerves
- 2006            Facial Anatomy Didactic and Dissection Course, Stanford University School of Medicine,  
Department of Dermatology, Stanford, California  
Eyelid Anatomy
- 2007            The Osler Ophthalmology Board Review Course, Walnut Creek, California  
1) Ectropion, Entropion and other Involutional Eyelid Changes  
2) Orbital Osteology  
3) Blepharoptosis
- 2007            Resident Teaching Rounds, Department of Ophthalmology, Stanford University School of  
Medicine, Stanford, California  
Orbital Inflammation
- 2007            Minimally Invasive Facial Plastic Surgery, San Francisco, California  
1) Upper Blepharoplasty  
2) Lower Blepharoplasty
- 2007            Basic science and fundamental of ophthalmology, Department of Ophthalmology,  
Stanford University School of Medicine, Stanford, California  
1) Ophthalmic plastic and reconstructive surgery, part 1  
2) Ophthalmic plastic and reconstructive surgery: part 2

- 2008 19th Annual Berkeley Practicum, University of California Berkeley School of Optometry, Berkeley, California  
Neoplasm of the Eyelids
- 2008 Alameda Contra Costa Counties Optometric Society (ACCCOS), Walnut Creek, California  
Blepharoptosis
- 2013 Patient Education Outreach, Senior Center, Odenton, Maryland  
Involutional Changes of the Eyelids
- 2013 Grand Rounds, The Wilmer Eye Institute, Baltimore, Maryland  
Blepharoptosis: Neuro-ophthalmic and Oculoplastic Considerations
- 2014 4<sup>th</sup> International Conference on Clinical & Experimental Ophthalmology  
Baltimore, Maryland  
Orbital Inflammation: Pearls and Pitfalls
- 2015 Baltimore Optometric Society Meeting, Baltimore, Maryland  
Update on Management of Graves Ophthalmopathy
- 2015 8<sup>th</sup> Annual Evidence Based Care Optometry Conference, Ellicott City, Maryland  
Blepharoptosis, Surgical and Non-surgical Considerations
- 2016 9<sup>th</sup> Annual Evidence Based Care in Optometry, Ellicott City, Maryland  
Recent Advances in Eyelid Reconstruction
- 2016 Brunch and Learn, Hopkins International, Baltimore, Maryland  
Oculoplastic Surgery and Neuro-ophthalmology
- 2017 10<sup>th</sup> Annual Evidence Based Care in Optometry, Baltimore, Maryland  
Neuro-ophthalmic Emergencies
- 2019 12<sup>th</sup> Annual Evidence Based Care in Optometry, Baltimore, Maryland  
Update on Graves Ophthalmopathy
- 2020 13<sup>th</sup> Annual Evidence Based Care in Optometry, Baltimore, Maryland  
Systemic Disease and Ophthalmology

*National*

- 2000 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) Annual Meeting, Dallas, Texas  
Neuro-ophthalmic Manifestations of Human Immune Deficiency Virus (HIV)
- 2001 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) Annual Meeting, New Orleans, Louisiana  
Neuro-ophthalmic Manifestations of Human Immune Deficiency Virus (HIV)

- 2002 Grand Rounds, Yale University School of Medicine, Newhaven, Connecticut  
Neuro-ophthalmic Complications of Anterior Segment Surgery
- 2002 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) Annual Meeting, Orlando, Florida  
Neuro-ophthalmic Manifestations of Human Immune Deficiency Virus (HIV)
- 2002 Resident Teaching Rounds, Stanford University School of Medicine, Stanford, California  
Update on Neuro-ophthalmology and Oculoplastic Surgery
- 2003 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) annual meeting, Anaheim, California  
1) Neurogenic Blepharoptosis  
2) Neuro-ophthalmic Manifestations of Human Immune Deficiency Virus (HIV)"
- 2004 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO), New Orleans, Louisiana  
Neuro-ophthalmic manifestations of human immune deficiency virus (HIV)
- 2005 Ophthalmology at the Crossroads, University of Texas Southwestern, Dallas, Texas  
Controversies in Ophthalmology: Botox
- 2007 Pacific Coast Ophthalmology and Otolaryngology Society (PCOOS), North Shore, Hawaii  
1) Orbital Hemorrhage  
2) Botox for the Ophthalmologist
- 2007 Neuro-Ophthalmology Subspecialty Day, American Academy of Ophthalmology, New Orleans, Louisiana  
Periocular Pain with a Normal Examination
- 2007 American Academy of Ophthalmology Annual Meeting, Oculoplastic Study Group, New Orleans, Louisiana  
Orbital Vascular Neoplasm
- 2007 Winter Forum on the Latest Advances in Facial Plastic Surgery, The California Society of Facial Plastic Surgery, Lake Tahoe, California  
Complications of Blepharoplasty: Orbital Hemorrhage
- 2008 Pacific Coast Oto-Ophthalmologic Society (PCOOS), Newport Beach, California  
1) Orbital Hemorrhage  
2) Blepharoplasty Tips
- 2008 The Osler Ophthalmology Board Review Course, San Francisco, California  
1) The Pupil  
2) Visual Field Testing  
3) Supranuclear Abnormalities in Extraocular Motility and Nystagmus

- 2009 Joint Commission on Allied Health Professionals in Ophthalmology (JCHAPO) Annual Meeting, San Francisco, California  
Evaluation of the Normal and Abnormal Pupil
- 2009 Pacific Coast Oto-Ophthalmology Society, annual meeting, Turtle Bay, Hawaii  
AION and Anterior Segment Surgery  
AION and Erectile Dysfunction Drugs
- 2009 Neuro-Ophthalmology Subspecialty Day, American Academy of Ophthalmology, San Francisco, California  
Blepharoptosis as a Manifesting of Neurologic Disease
- 2010 Pacific Coast Oto-Ophthalmologic Society (PCOOS), Ophthalmology session, Monterey Bay, California  
1) The Hot Orbit: When Do You Need to Worry?  
2) Orbital Inflammatory Disease  
3) Recognizing Neurogenic Blepharoptosis
- 2010 Grand Rounds, The Wilmer Eye Institute, Johns Hopkins School Of Medicine  
Orbital Inflammatory Syndrome
- 2011 Neuro-Ophthalmology Subspecialty Day, American Academy of Ophthalmology, Orlando, Florida  
OCT and the RNFL
- 2012 Bascom Palmer Eye Institute 50th Anniversary Scientific Meeting, 50 Years of Vision: Second to None, Bascom Palmer Eye Institute, Miami, Florida  
Intracranial Hypotension Related Skull Remodeling
- 2012 Grand Rounds, Baylor University School of Medicine, Houston, Texas  
Case Presentations in Oculoplastic Surgery and Neuro-ophthalmology
- 2013 Grand Rounds, University of Texas Southwestern University, Dallas, Texas  
1) Blepharoptosis: Neuro-ophthalmic and Oculoplastic Considerations  
2) Orbital Inflammatory Syndrome: Pearls and Pitfalls
- 2015 Combined NANOS, Glaucoma Society Symposium, San Diego, California  
The Role of Intracranial Pressure in Glaucoma
- 2015 Visiting Professor, Department of Ophthalmology, SUNY Downstate Medical Center, Brooklyn, New York  
1) Blepharoptosis: Neuro-ophthalmic and Oculoplastic Considerations  
2) Orbital Inflammatory Syndrome: Pearls and Pitfalls
- 2015 Featured Speaker, Pacific Coast Oto-Ophthalmological Society, 99th annual meeting, Kona, Hawaii  
1) Orbital Inflammatory Syndrome: Pearls and Pitfalls

- 2) Management of Graves Ophthalmopathy: Current Thoughts
  - 3) Intracranial Pressure and Skull Remodelling”
  - 4) Intracranial Pressure and Glaucoma”
- 2016 Keynote Speaker, 21st Annual Ophthalmology Conference and Research Symposium, Dept of Ophthalmology, Univ of Cincinnati, Cincinnati, OH
- 1) Intracranial Pressure and the Eye: Structural Implications
  - 2) Orbital Inflammatory Syndrome: Diagnostic and Therapeutic Update”
- 2016 Grand Rounds, Houston Methodist Hospital, Houston Texas
- Blepharoptosis: Recent Advancements
- 2017 Panel Discussant, Genentec Raising the Bar Meeting, Orlando, Florida
- Neuro-ophthalmologic Aspects of Giant Cell Arteritis”
- 2017 American Ophthalmologic Society, Hot Springs, Virginia
- Accuracy Of Imaging Modalities In Differentiating Pseudopapilledema From True Optic Disk Edema (Ode) In Children: Discussant
- 2018 American Academy of Ophthalmology, Chicago, Illinois
- 1) Course: Update on Neuro-ophthalmology
  - 2) Course: Management Strategies for Graves Ophthalmopathy
- 2018 Guest of Honor, New England Ophthalmological Society (NEOS), Boston, Massachusetts
- 1) Enophthalmos and Intracranial Hypotension after CSF Shunting
  - 2) Neuro-ophthalmic Visual Loss after Intraocular Surgery
  - 3) Update on Graves Ophthalmopathy
- 2018 Featured Speaker, New England Oculoplastic Society (NEOPS), Boston, Massachusetts
- Blepharoptosis, Neuro-ophthalmic and Oculoplastic Considerations
- 2019 Current Concepts of Ophthalmology, New York University School of Medicine, Atlantic City, New Jersey
- 1) Intracranial Pressure and Glaucoma
  - 2) Orbital Infections: Pitfalls
  - 3) Neurogenic Blepharoptosis
  - 4) Update on Orbital Inflammatory Syndrome
- 2020 Visiting Professor, Grand Rounds Speaker, Department of Ophthalmology and Visual Sciences, Montefiore Medical Center, The University Hospital for Albert Einstein College of Medicine
- Intracranial Pressure and the Eye
- 2020 Keynote Speaker, Utah Ophthalmology Society Conference, Salt Lake City, Utah
- 1) Update on Graves Ophthalmopathy
  - 2) Intracranial Hypotension Related Bone Remodeling with Enophthalmos
  - 3) Intracranial Pressure and Glaucoma

- 2020 Visiting Professor, University of California Sacramento, Sacramento, California  
 1) Case Discussion  
 2) Update on Graves Ophthalmopathy  
 3) Intracranial Pressure and the Eye: Structural Considerations
- 2020 Presentation, Southeastern Consortium of Hydrophilic Neuro-Ophthalmology Problem Solvers (SCHNOPS) annual meeting  
 Infiltration of the Superior Ophthalmic Vein, Case presentation
- 2021 “Distinguished” Visiting Professor and Speaker, University of North Carolina (UNC) Eye Symposium (invited)
- 2021 Guest of Honor/Keynote Speaker, Pacific Coast Oto-ophthalmologic Society, Honolulu, Hawaii (invited)

*International*

- 2007 Visiting Professor/Grand Rounds Speaker, Department of Ophthalmology, Cairo University, Cairo, Egypt  
 Blepharoptosis: Diagnosis and Management
- 2008 Keynote Speaker, Canadian Society of Ophthalmic Plastic and Reconstructive Surgery (CSOPRS) annual meeting, Whistler, Canada  
 1) Orbital Hemorrhage  
 2) Orbital Imaging, When and What to Order  
 3) Surgical Approach to Entropion and Ectropion  
 4) Lumps and Bumps, When and How to Biopsy  
 5) Upper Eyelid Blepharoplasty
- 2008 Orbis Flying Eye Hospital, Harbin Medical School, Harbin, China  
 1) Blepharoptosis: Evaluation and Management  
 2) Orbital Imaging  
 3) The Lacrimal Drainage System  
 4) The Lacrimal Secretory System  
 5) Asian Blepharoplasty
- 2008 Orbis Flying Eye Hospital, Lions Nab Eye Hospital, Miraj, India  
 1) Update on Anterior Ischemic Optic Neuropathy  
 2) Eyelid Reconstruction  
 3) Botox for the Ophthalmologist  
 4) Evaluation and Management of Entropion  
 5) Evaluation and Management of Ectropion  
 6) Blepharoptosis: Diagnosis and Management  
 7) Complex Blepharoptosis  
 8) Orbital Trauma  
 9) Eyelid Neoplasms: How and When to Biopsy  
 10) Update on Orbital Imaging

- 11) Update on Blepharoplasty
  - 12) Evaluation and Management of Brow Ptosis
- 2009 Orbis Flying Eye Hospital, Danang Eye Hospital, Danang, Vietnam
- 1) Blepharoptosis: Uncommon Diagnoses
  - 2) Management of Blepharoptosis
  - 3) Orbital Neoplasms: The Tumor Parade
  - 4) Surgical Approach to the Orbit
  - 5) Orbital Imaging
  - 6) Evaluation of the Swollen Nerve
  - 7) Asian Blepharoplasty
  - 8) Brow Lifting
  - 9) Botox for the Ophthalmologist
  - 10) Orbital Inflammation and Graves Disease
  - 11) Danang Eye Hospital, Danang, Vietnam
- 2010 Visiting Professor, The Eye Institute, Alexandra Hospital, Singapore
- 1) Orbital Inflammatory Syndrome
  - 2) Neurogenic blepharoptosis
- 2010 Grand Rounds, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia
- Assessing The Inflamed Orbit: When Do You Need To Worry?
- 2010 Orbis Flying Eye Hospital, Gandhi Eye Hospital, Aligarh, India
- 1) Diagnosis and Management of Orbital Inflammatory Syndrome
  - 2) Surgical Approach to Blepharoptosis
  - 3) Neuro-ophthalmic Manifestations of HIV
  - 4) Orbital Trauma and Fracture Repair
  - 5) Assessment and Management of Epiphora in the Pediatric Population
- 2010 Asia-Pacific Academy of Ophthalmology Congress, Beijing, China
- 1) Reconstructing the Upper Eyelid
  - 2) External DCR: Pros and Cons
- 2011 Orbis Flying Eye Hospital, University of Ilorin Teaching Hospital, Ilorin, Nigeria
- 1) Blepharoptosis, Identifying Neuro-Ophthalmic Disease
  - 2) Ectropion and Entropion
  - 3) Surgical Manipulation of the Eyelid Crease
  - 4) Orbital Trauma
  - 5) Bony Diseases of the Orbit
  - 6) Orbital Inflammation
  - 7) Management of Abnormalities of the Lacrimal Drainage System
- 2012 World Ophthalmology Congress, Abu Dhabi, UAE
- 1) Evisceration in the Modern Age
  - 2) Update on Reconstruction of the Upper Eyelid
  - 3) Clinical Trials in Neuro-ophthalmology: Idiopathic Intracranial Hypertension



- 4) Signs in Neuro-ophthalmology: Blepharoptosis
- 2012 The Oman Medical Specialty Board (OMSB), Armed Forces Hospital, Muscat, Oman  
Modern Advancements in Oculoplastic Surgery
- 2012 Visiting Professor, Department of Ophthalmology, Sultan Qaboos University Hospital, Muscat, Oman
- 1) Imaging the Orbits
  - 2) Orbital Inflammatory Syndrome
  - 3) The Pupil
  - 4) Thyroid Eye Disease
  - 5) Neurogenic Blepharoptosis
  - 6) Transient Visual Obscurations
  - 7) Botox in Ophthalmology
  - 8) Diagnosis and Management of Orbital Fractures
  - 9) Biomechanics of Traumatic Optic Neuropathy
  - 10) Management of Orbital Hemorrhages
  - 11) Visual Field Testing and Interpretation in Neuro-ophthalmology
  - 12) Intracranial Hypotension Related Skull Remodeling”
- 2012 Orbis Flying Eye Hospital, Department of Ophthalmology, Second Hospital of Lanzhou University, Lanzhou, China
- 1) Asian Blepharoplasty
  - 2) Surgical Management of Thyroid Eye Disease
- 2013 Saudi Arabian Ophthalmology Society, Annual meeting, Riyadh, Saudi Arabia
- 1) Evisceration in the Modern Age
  - 2) Update on Upper Eyelid Reconstruction
  - 3) External Vs. Internal Dacryocystorhinostomy
- 2014 Orbit Flying Eye Hospital, Gondar Teaching Hospital, Gondar, Ethiopia
- 1) Blepharoptosis: Assessment and Management
  - 2) Blepharoptosis: Surgical Approach
  - 3) Ectropion and Entropion: Overview
  - 4) Complex Eyelid Reconstruction
  - 5) Assessment of the Tearing Eye
  - 6) Management of Congenital Nasolacrimal Duct Obstruction
  - 7) Orbital Fractures: Clinical and Surgical Management
  - 8) Thyroid Orbitopathy: Clinical and Surgical Management
  - 9) The Swollen Nerve: Clinical Assessment
- 2014 World Ophthalmology Congress, Tokyo, Japan  
Enphthalmos, an Uncommon Clinical Challenge
- 2014 Featured Speaker, Clinical Day in Ophthalmology, Schulich School of Medicine and Dentistry, Western University, London, Ontario
- 1) Eyelid Lumps and Bumps: A Practical Approach

- 2) Managing Patients with an Inflamed Orbit: Pearls and Pitfalls
- 2015 International Council of Ophthalmology, Quanzhou, China  
Neoplasms of the Optic Nerve
- 2016 Orbis Flying Eye Hospital, Shanxi Eye Hospital, Taiyuan, China  
1) Blepharoptosis: Diagnosis  
2) Blepharoptosis, Surgical Management  
3) Upper Eyelid Reconstruction  
4) Lower Eyelid Reconstruction  
5) Orbital Inflammatory Syndrome  
6) Update on Graves Ophthalmopathy  
7) Visual Field Testing
- 2016 Middle Eastern and African Congress of Ophthalmology Conference, Manama, Bahrain  
Temperature Changes Associated with Bone Drilling in an Orbital Model: Comparison of Ultrasonic Bone Drill and Conventional High Speed Drill
- 2017 Orbis Flying Eye Hospital, Can Tho, Vietnam  
1) Congenital Blepharoptosis  
2) Enucleation and Evisceration  
3) Periocular Neoplastic Disease  
4) Periocular Trauma
- 2017 Pan-American Ophthalmologic Society, Annual Meeting, Lima, Peru  
Intracranial Pressure and the Eye
- 2017 Keynote Speaker, Conferencia Magistral X Curso Internacional De La Asociacion Mexicana De Cirugia De Orbita, Párpados Y Vías Lagrimales, Jan Juan del Rio, Queretaro, Mexico  
1) Update on Graves Ophthalmopathy  
2) Blepharoptosis: Oculoplastic and Neuro-ophthalmic Considerations  
3) Orbital Inflammatory Disease: Diagnosis and Management  
4) Intracranial Pressure and the Eye: Orbital and Ocular Disease
- 2018 Curso Regional Panamericano de Oftalmologia, Cartagena, Columbia  
Intracranial Pressure: The Eye and Orbit, Structural Considerations
- 2019 Orbis Flying Eye Hospital, Kingston, Jamaica  
1) Neurogenic Blepharoptosis  
2) Surgical Management of Blepharoptosis  
3) Orbital Inflammatory Syndrome: Diagnosis and Management  
4) Update on Graves Ophthalmopathy  
5) Upper Eyelid Blepharoplasty
- 2019 Pan-American Ophthalmologic Society, Annual Meeting, Cancun, Mexico  
Orbital Decompression: A Tailored Approach

- 2019 Orbis Flying Eye Hospital, Hue, Vietnam  
 1) Anatomy of the Eyelids  
 2) Management of Blepharoptosis  
 3) Ectropion, Entropion, and Other Eyelid Abnormalities  
 4) Management of Eyelid Tumors  
 5) Overview of Lacrimal Disorders and Management  
 6) Eyelid Reconstruction  
 7) Anophthalmic socket  
 8) Orbit Imaging
- 2020 Grand Rounds, Goutami Eye Institute, Rajahmundry, India  
 1) Update on Graves Ophthalmopathy  
 2) Intracranial Pressure and Glaucoma
- 2021 Pan-American Congress of Ophthalmology, Buenos Aires, Argentina May (invited)  
 Topic TBD

#### **Abstracts (Material Presented at Professional Society Meetings)**

1. **McCulley TJ**, Singh K. Staphylococcal ocular isolate resistance to broad spectrum antibiotics: a temporal study. Invest Ophthalmol Vis Sci 1997;38(Suppl):S430.
2. **McCulley TJ**, Haw WW, Manche EE. Effect of axis on postoperative visual function following toric PRK for myopic astigmatism. ISRS annual summer meeting, June 1998.
3. Haw WW, **McCulley TJ**, Manche EE. Comparative vector analysis of toric PRK for myopic with-the-rule, against-the-rule, and oblique astigmatism. ISRS annual summer meeting, June 1998.
4. **McCulley TJ**, Singh K, DeBell J. Resistance trends of Staphylococcus aureus ocular isolates to commonly used antibiotics. Invest Ophthalmol Vis Sci 1998;39(Suppl):S1072.
5. Eliason JA, **McCulley TJ**, Singh K, DeBell J. Sensitivity trends of ocular isolates of coagulase negative Staphylococcus to commonly used antibiotics. Invest Ophthalmol Vis Sci 1998;39(Suppl):S1073.
6. **McCulley TJ**, Fung AE, Lam BL. Source variability in emergence of antibiotic resistance in Staphylococcus aureus. OMIG annual meeting, October 1999.
7. **McCulley TJ**. Source dependent emergence of resistant Staphylococcus aureus to commonly used ophthalmic and systemic antibiotics. Invest Ophthalmol Vis Sci 1999;40(Suppl):S262.
8. Manche EE, **McCulley TJ**, Haw WW, Luu JK. Toric PRK for compound myopic astigmatism: the effect of preoperative cylinder axis. Invest Ophthalmol Vis Sci 1999;40 (Suppl):S107.
9. **McCulley TJ**, Lam BL, Feuer WJ. Phacoemulsification as a risk factor for nonarteritic anterior ischemic optic neuropathy. NANOS annual meeting, March 2000.
10. Hoffman KB, **McCulley TJ**, Lam BL, Marmor JL, Luu JK, Feuer WJ. Blue-on-yellow and white-on-white humphrey visual field testing and sildenafil. NANOS annual meeting, March 2000.

11. Song A, **McCulley TJ**, Alfonso E, Lam BL, Miller D, Feuer WJ. A comparative study of *Pseudomonas aeruginosa* corneal isolate sensitivity trends to fluoroquinolones. Invest Ophthalmol Vis Sci 2000;41(Suppl):S149.
12. Hoffmen KB, **McCulley TJ**, Lam BL, Marmor JL, Luu JK, Feuer WJ. The effect of sildenafil (Viagra) on Humphrey visual field testing. Invest Ophthalmol Vis Sci 2000;41(Suppl):S35.
13. **McCulley TJ**, Lam BL, Feuer WJ. Nonarteritic anterior ischemic optic neuropathy associated with phacoemulsification. Invest Ophthalmol Vis Sci 2000;41(Suppl):S314.
14. Luu JK, **McCulley TJ**, Chappalaw A, Marmor MF. Electroretinography and sildenafil citrate. Invest Ophthalmol Vis Sci 2000;41 (Suppl):S892.
15. Song A, **McCulley TJ**, Lam BL, Feuer WJ, Alfonso EC. Trends of in-vitro *Pseudomonas aeruginosa* corneal isolate sensitivity to fluoroquinolones. OMIG annual meeting, October 2000.
16. **McCulley TJ**, Lam BL, Feuer WJ. Anterior ischemic optic neuropathy associated with cataract extraction: time of occurrence and risk factors. Invest Ophthalmol Vis Sci 2001;42(Suppl):S626.
17. Levy A, **McCulley TJ**, Lam BL. Estimating visual acuity by character counting using the Snellen eye chart. Invest Ophthalmol Vis Sci 2001;42(Suppl):S397.
18. Eifrig C, **McCulley TJ**, Lam BL. Infraorbital nerve palsy secondary to LASIK. NANOS annual meeting, February 2001.
19. **McCulley TJ**, Lam BL, Feuer, W.J. Anterior ischemic optic neuropathy association with cataract extraction: time of occurrence and risk factors. NANOS annual meeting, February 2001.
20. Levy A, **McCulley TJ**, Lam BL. Character counting using Snellen eye chart to estimate visual acuity. NANOS annual meeting, February 2001.
21. **McCulley TJ**, Bullock JD, Warwar RE, Hood DL. An unusual pelvic tumor with metastasis to the orbit. ASOPRS annual meeting, November 2001.
22. **McCulley TJ**, Golnik K, Lam BL. The effect of decreased visual acuity on clinical color vision tests. NANOS annual meeting, February 2002.
23. **McCulley TJ**, Lam BL. The effect of optic disk edema on spontaneous venous pulsations in the absence of elevated intracranial pressure. NANOS annual meeting, February 2002.
24. **McCulley TJ**, Eifrig C, Lam BL. Isolated neurogenic blepharoptosis secondary to traumatic eyelid injury. NANOS annual meeting, February 2002.
25. Hudak DT, **McCulley TJ**, Kersten RC. Neurogenic ptosis due to isolated traumatic injury of the oculomotor nerve branch to the levator palpebrae superioris. ARVO annual meeting, May 2002.
26. **McCulley TJ**, Golnik KC, Lam BL, Feuer WJ. The effect of decreased visual acuity on color vision assessment and comparison of popular examination devices. ARVO annual meeting, May 2002.
27. Dahr SS, **McCulley TJ**, Lam BL. The effect of optic disk edema on spontaneous venous pulsations in the absence of elevated intracranial pressure. ARVO annual meeting, May 2002.
28. **McCulley TJ**, Mayer K, Dahr SS, Holland EJ. The prevalence of optic nerve hypoplasia occurring in association with aniridia. AAO annual meeting, October 2002.

29. **McCulley TJ**, Kersten RD, Kulwin DR, Feuer WJ. Outcome and influencing factors of external levator palpebrae superioris aponeurosis advancement for blepharoptosis. ASOPRS annual meeting, October 2002.
30. **McCulley TJ**, Bose S, Kersten RC. Medial rectus muscle incarceration in orbital trapdoor fractures, an uncommon but treatable cause of diplopia. NANOS annual meeting, February 2003.
31. **McCulley TJ**, Meyer K, Holland EJ. Aniridia and optic nerve hypoplasia. NANOS annual meeting, February 2003.
32. Taban M, Bose S, **McCulley TJ**, Fallan J, Potkin S. PET scan changes following optic nerve sheath fenestration for pseudotumor cerebri. NANOS annual meeting, February 2003.
33. Erb M, Tran NH, **McCulley TJ**, Bose S. Exophthalmometry measurements in Asians. ARVO annual meeting, May 2003.
34. Dahr SS, **McCulley TJ**, Kersten RC, Schneider SS, Hutchins RK. Decision factors for primary enucleation in a trauma setting: a clinicopathologic study. ARVO annual meeting, May 2003.
35. Mayer KL, **McCulley TJ**, Holland EJ, Simpson J. Congenital aniridia and optic nerve hypoplasia. ARVO annual meeting, May 2003.
36. **McCulley TJ**, Kersten RC, Feuer WJ. Outcome and influencing factors of external levator palpebrae superioris aponeurosis advancement for blepharoptosis. ARVO annual meeting, May 2003.
37. Hudak DT, Erb MH, **McCulley TJ**, Kersten RC. The effect of unilateral blepharoptosis repair on contralateral eyelid position. ARVO annual meeting, May 2003.
38. Barsam CA, **McCulley TJ**, Kersten RC, Bose S. Medial rectus muscle incarceration in orbital trapdoor fractures, an uncommon yet treatable cause of diplopia. ARVO annual meeting, May 2003.
39. Bose S, **McCulley TJ**, Taban M, Fallan J, Potkin S. PET scan changes following optic nerve sheath fenestration for pseudotumor cerebri. ARVO annual meeting, May 2003.
40. Shamie N, Chuck RS, **McCulley TJ**. Amyloidosis associated neurotrophic keratopathy following blepharoptosis repair. AAO annual meeting, November 2003.
41. Erb M, Tran NH, **McCulley TJ**, Bose S. Exophthalmometry measurements in Asians. ASOPRS annual meeting, November 2003.
42. McCulley TJ. Another plastic surgery disaster? Walsh Society annual meeting, March 2004.
43. Erb MH, Tran NH, Bose SJ, **McCulley TJ**. Exophthalmometry in Asians and Caucasians: a comparative study. NANOS annual meeting, March 2004.
44. Kandavel G, Memarzadeh F, **McCulley TJ**. Vitritis associated with neurosyphilis mimicking Huntington's disease. NANOS annual meeting, March 2004.
45. **McCulley TJ**, Kersten RC. Severe periocular inflammation following retrobulbar Thorazine injection. ARVO annual meeting, May 2004.

46. Memarzade F, Chuck RS, Shamie N, Erb MH, **McCulley TJ**. A novel surgical approach to fornix reconstruction in Stevens-Johnson syndrome. ARVO annual meeting, May 2004.
47. Erb MH, Tran NH, Bose SJ, **McCulley TJ**. Exophthalmometry in Asians and Caucasians: a comparative study. ARVO annual meeting, May 2004.
48. Farid M, **McCulley TJ**, Kersten RC. Analysis of eyelid position and eyelid excursion in patients with involutional blepharoptosis. ARVO annual meeting, May 2004.
49. **McCulley TJ**. Risk factors for NAION following intraocular surgery. ICER annual meeting, August 2004.
50. Erb MH, **McCulley TJ**, Kersten RC. The effect of unilateral blepharoptosis repair on contralateral eyelid position. ASOPRS annual meeting, October 2004.
51. **McCulley TJ**. Lagophthalmos due to orbicularis oculi atrophy with HIV associated diffuse muscle wasting. ASOPRS annual meeting, October 2004.
52. **McCulley TJ**, Kersten RC. Stevens-Johnson syndrome associated dacryocystoceles. ASOPRS annual meeting, October 2004.
53. **McCulley TJ**, Farid M. Analysis of eyelid position and excursion in patients with involutional blepharoptosis. ASOPRS annual meeting, October 2004.
54. Lam BL, **McCulley TJ**. Risk of AION after cataract extraction in the fellow eye of patients with prior unilateral nonarteritic AION. AAO annual meeting, November 2004.
55. **McCulley TJ**, Erb MH, Kersten RC. Unilateral blepharoptosis and Hering's law. NANOS annual meeting, February 2005.
56. **McCulley TJ**. HIV associated muscle wasting with orbicularis oculi muscle atrophy and lagophthalmos resembling facial nerve palsy. NANOS annual meeting, February 2005.
57. Wang G, Egbert J, **McCulley TJ**. Periocular necrotizing fasciitis. ARVO annual meeting, May 2005.
58. Hwang TN, Park WT, Kenny TW, **McCulley TJ**. A novel mechanism for traumatic optic neuropathy. ASOPRS annual meeting, October 2005.
59. Wang G, Egbert J, **McCulley TJ**. Periocular necrotizing fasciitis: the relationship between disease outcome and timing of intervention. ASOPRS annual meeting, October 2005.
60. Ou JI, Marmor MF, **McCulley TJ**. Assessment of clinical characteristics of patients with retinal disease mimicking optic neuropathies. AAO annual meeting, October 2005.
61. Doshi A, **McCulley TJ**. Estimating visual acuity by character counting using the Snellen visual acuity chart in patients with ocular pathology. NANOS annual meeting, February 2006.
62. Hwang T. **McCulley TJ**. Biomechanics of traumatic optic neuropathy. NANOS annual meeting, February 2006.
63. Ou JI, Marmor MF, **McCulley TJ**. Assessment of clinical characteristics of patients with retinal disease mimicking optic neuropathies. NANOS annual meeting, February 2006.
64. Ou JI, Liao YJ, **McCulley TJ**. Rhabdomyosarcoma of the orbital apex and cavernous sinus, "A bad place to be". Walsh Society annual meeting, February 2006.

65. Pilyugina SA, Fischbein NJ, **McCulley TJ**. Cranial nerve visualization with flow imaging using steady acquisition (FIESTA) sequences. ARVO annual meeting, May 2006.
66. **McCulley TJ**, Zoumalin CI. The effect of lateral canthotomy and cantholysis on orbital and intraocular pressure following orbital hemorrhage: an experimental model. ARVO annual meeting, May 2006.
67. Zoumalan CI, Bullock JD, Warwar RE, Fuller B, **McCulley TJ**. Assessment of orbital and intraocular pressure during orbital hemorrhage: an experimental model. ARVO annual meeting, May 2006.
68. Hwang TN, Park WT, Kenny TW, **McCulley TJ**. Biomechanics of traumatic optic neuropathy ARVO annual meeting, May 2006.
69. Zoumalin CI, **McCulley TJ**. Orbital hemorrhage: the relationship of intraocular and orbital pressure and the effectiveness of cantholysis. AAO annual meeting, October 2006.
70. Zoumalan CI, Egbert PR, Warwar RE, **McCulley TJ**. Giant cell angiofibroma: an unusual cause of acquired lacrimal drainage obstruction. ASOPRS annual meeting, October 2006.
71. Zoumalan1 CI, Warwar RE, Fuller B, **McCulley TJ**. Orbital hemorrhage: the relationship of intraocular and orbital pressure and the effectiveness of cantholysis. ASOPRS annual meeting, October 2006.
72. Zoumalan1 CI, Warwar RE, Fuller B, **McCulley TJ**. Orbital and intraocular pressure during orbital hemorrhage. ASOPRS annual meeting, October 2006.
73. Hwang TN, **McCulley TJ**. A case of bilateral optic neuropathy. Walsh Society annual meeting, February 2007.
74. **McCulley TJ**, Zoumalan CI. Orbital hemorrhage: the relationship of intraocular and orbital pressure and the effectiveness of cantholysis. NANOS annual meeting, February 2007.
75. Pereira LS, Green AJ, Hong JE, Hwang TN, **McCulley TJ**. Late perioptic subarachnoid seeding following treatment of a suprasellar germinoma. NANOS annual meeting, February 2007.
76. Hong J, Liao YJ, Hwang YN, **McCulley TJ**, Hoyt W. Intermittent monocular horizontal acquired pendular nystagmus. NANOS annual meeting, February 2007.
77. Hwang TN, **McCulley TJ**. Biomechanics of traumatic optic neuropathy. NANOS annual meeting, February 2007.
78. Day S, Hwang TN, Hong J, **McCulley TJ**. Does second-generation Humphrey Matrix FDT offer improved detection of neurological visual field deficits? NANOS annual meeting, February 2007.
79. Han Y, **McCulley TJ**, Horton JC. Intraocular and intracranial pressure. ARVO annual meeting, May 2007.
80. Pereira LD, Hong JE, Hwang TN, Kum C, Lin S, **McCulley TJ**. Giant cell arteritis in Asians: a comparative study. ARVO annual meeting, May 2007.
81. Hwang TN, **McCulley TJ**. The role of intraorbital shockwave amplification in the biomechanics of indirect traumatic optic neuropathy. ARVO annual meeting, May 2007.
82. **McCulley TJ**, Zoumalan CI, Bullock JD, Warwar RE, Fuller B. Experimental model of orbital hemorrhage and its management. ARVO annual meeting, May 2007.

83. Kum C, Hong JE, Doshi A, **McCulley TJ**. Character counting estimates standard visual acuity. ARVO annual meeting, May 2007.
84. Hwang TN, Pereira LS, Phan IP, **McCulley TJ**. A double layered eyelid crease for eyelid crease manipulation. ASOPRS annual meeting, November 2007.
85. Trager MJ, Pereira LS, Hong JE, Kum C, Hwang TN, **McCulley TJ**. Temporal artery biopsy in Asians: an epidemiologic study. ASOPRS annual meeting, October 2007.
86. Hwang TN, Pereira LS, **McCulley TJ**. Evisceration: The swinging sclera modification. ASOPRS annual meeting, October 2007.
87. **McCulley TJ**, Hwang TN. Lupus profundus. Walsh society annual meeting, February 2008.
88. Hwang TN, Rafaga S, Hoyt WF, **McCulley TJ**. Enophthalmos following ventriculo-peritoneal shunting. Walsh Society annual meeting, February 2008.
89. McCulley TJ, Pereira LS, Hwang TN, **McCulley TJ**. Involutional blepharoptosis: pathophysiology revisited. NANOS annual meeting, February 2008.
90. Hwang TN, Hong J, Kum C, **McCulley TJ**. Giant cell arteritis in Asians. NANOS annual meeting, February 2008.
91. Kum C, Day S, Hwang TN, **McCulley TJ**. Comparative evaluation of frequency doubling perimetry and conventional automated perimetry in neuro-ophthalmic disease. ARVO annual meeting, May 2008.
92. Phan I, Hwang TN, Pereira LS, **McCulley TJ**. A double-layer closure for eyelid crease manipulation. ARVO annual meeting, May 2008.
93. Trager MJ, Hwang TN, Pereira LS, Kersten RC, Feuer WJ, **McCulley TJ**. Assessment of levator muscle function in the fellow eye of patients with asymmetric involutional blepharoptosis. ARVO annual meeting, May 2008.
94. Hwang TN, Pereira LS, **McCulley TJ**. Evisceration: The “swinging sclera” modification. ARVO annual meeting, May 2008.
95. Rofagha S, Hwang TN, Hoyt WF, Hafez M, **McCulley TJ**. Progressive bilateral enophthalmos following cerebral spinal fluid shunting. ARVO annual meeting, May 2008.
96. Kum C, Day S, Hwang TN, **McCulley TJ**. Comparative evaluation of frequency doubling perimetry and conventional automated perimetry in neuro-ophthalmic disease. INOS annual meeting, June 2008.
97. McCulley TJ, Pereira LS, Hwang TN, **McCulley TJ**. Involutional blepharoptosis: pathophysiology revisited. INOS annual meeting, June 2008.
98. Hwang TN, **McCulley TJ**. Orbital volume assessment in post-ventriculoperitoneal shunting enophthalmos. ASOPRS annual meeting, November 2008.
99. Pham I, **McCulley TJ**. Lateral direct brow lifting in an ethnically diverse population. ASOPRS annual meeting, November 2008.



100. Hwang TN, Hoyt WF, **McCulley TJ**. Orbital volumetric analysis of patients with progressive bilateral enophthalmos following ventriculoperitoneal shunting for acquired hydrocephalus. NANOS annual meeting, February, 2009.
101. Yoon MK, Day S, Hwang TN, **McCulley TJ**. Comparison of Humphrey matrix frequency doubling technology in the assessment of pre-chiasmal and post-chiasmal disease. NANOS annual meeting, February 2009.
102. Yoon MK, Hwang TN, **McCulley TJ**. Rituximab for the treatment of orbital and systemic reactive lymphoid hyperplasia. NANOS annual meeting, February 2009.
103. Kum C, Yoon MK, **McCulley TJ**. Correlation between levator function and eyelid excursion. NANOS annual meeting, February 2009.
104. Kum C, Yoon MK, Lin CC, **McCulley TJ**. Correlation Between Eyelid Excursion and Globe Prominence. ARVO annual meeting, May 2009.
105. **McCulley TJ**, Phan I, Yoon MK, Hwang TN. Assessment of the Effect of Ethnicity on the Cosmetic Outcome of Lateral Direct Brow Lifting. ARVO annual meeting, May 2009.
106. Martel JN, Yoon MK, Vaijwade A, **McCulley TJ**. Comparison of Patients with Blepharoptosis at Tertiary Care Centers in India and the United States. ARVO annual meeting, May 2009.
107. Lin CC, Yoon MK, Kum D, Erb MH, **McCulley TJ**. Ethnic Differences in Globe Prominence. ARVO annual meeting, May 2009.
108. Yoon MK, Kum C, Day S, **McCulley TJ**. Comparison of Humphrey Matrix Frequency Doubling Technology in the Assessment of Pre-Chiasmal and Post-Chiasmal Disease. ARVO annual meeting, May 2009.
109. Yoon MK, Hwang TN, **McCulley TJ**. Late Recurrence of Orbital and Systemic Reactive Lymphoid Hyperplasia Following Clinical Resolution with Rituximab Treatment. ASOPRS annual meeting, October 2009.
110. Lin C, Yoon MK, Kum C, Erb ME, **McCulley TJ**. Ethnic Differences in Globe Prominence. ASOPRS annual meeting, October 2009.
111. Martel J, Yoon MK, Vaijwade A, **McCulley TJ**. Statistical Analysis of Patients with Blepharoptosis at Tertiary Care Centers in India and the United States. ASOPRS annual meeting, October 2009.
112. Yoon MK, Shapiro BS, Eggenberger E, **McCulley TJ**. Assessment of Facial Nerve Injury as a Complication of Temporal Artery Biopsy. ASOPRS annual meeting, October 2009.
113. Yoon MK, **McCulley TJ**. Assessment of Facial Nerve Injury after Temporal Artery Biopsy. NANOS annual meeting, March 2010.
114. Yoon MK, Parsa AT, **McCulley TJ**. Transcranial Supralateral Orbital Wall Reconstruction Using Titanium Mesh Embedded in Porous Polyethylene (Medpor Titan™). NANOS annual meeting, March 2010.
115. Yoon MK, **McCulley TJ**. Surgical Management of Gliomas with the Perineural Arachnoidal Gliomatosis Growth Pattern. NANOS annual meeting, March 2010.
116. Hwang TN, Yoon MK, **McCulley TJ**. Lymphing Along. Walsh Society annual meeting, March 2010.

117. Haug SJ, Yoon MK, Hwang TN, Bloomer MM, **McCulley TJ**. Clinical and Histopathologic Assessment of Post-Chalazion Excision Tarsal Epidermal Cysts. ARVO annual meeting, May 2010.
118. Yoon MK, Parsa AT, **McCulley TJ**. Transcranial Supralateral Orbital Wall Reconstruction Using Titanium Mesh Embedded Porous Polyethylene (Medpor Titan). ARVO annual meeting, May 2010.
119. **McCulley TJ**, Chen A, Yoon MK. Late Recurrence of Orbital and Systemic Reactive Lymphoid Hyperplasia Following Clinical Resolution With Rituximab Treatment. ARVO annual meeting, May 2010.
120. Kum C, Yoon MK, Shapiro B, **McCulley TJ**. Assessment of Facial Nerve Injury After Temporal Artery Biopsy. ARVO annual meeting, May 2010.
121. Hwang TN, **McCulley TJ**. Intracranial Hypotension Related Skull Remodeling With Enophthalmos. APAO annual meeting, September 2010.
122. Pereira LS, Yoon MK, **McCulley TJ**. Giant Cell Arteritis in Asians. APAO annual meeting, September 2010.
123. Ruggiero J, Yoon M, **McCulley TJ**. Compressive Optic Neuropathy by Post-neurosurgical Cerebral Spinal Fluid Leak. ASOPRS annual meeting, October 2010.
124. Haug SJ, Yoon MK, Seiff SR, **McCulley TJ**. A National Survey of Practice Patterns: Unilateral Vs Bilateral Temporal Artery Biopsy. ASOPRS annual meeting, October 2010.
125. Greninger D, Yoon MK, **McCulley TJ**. Bone-like Calcified Orbital Cavity Following Exenteration. ASOPRS annual meeting, October 2010.
126. Yoon MK, **McCulley TJ**. To Biopsy or Not to Biopsy: Tumefactive Multiple Sclerosis. Walsh Society Annual Meeting, February 2011.
127. Yoon MK, **McCulley TJ**. Compressive Optic Neuropathy Caused by Post-Neurosurgical Cerebrospinal Fluid Leak. NANOS annual meeting, February 2011.
128. Haug S, Yoon MK, **McCulley TJ**. A National Survey of Practice Patterns: Unilateral Vs Bilateral Temporal Artery Biopsy. NANOS annual meeting, February 2011.
129. Haug S, Yoon MK, **McCulley TJ**. A National Survey of Practice Patterns: Effect of Prior Treatment with Corticosteroids on Diagnostic Capability of Temporal Artery Biopsies in Giant Cell Arteritis. NANOS annual meeting, February 2011.
130. Haug S, Yoon MK, **McCulley TJ**. A National Survey of Practice Patterns: Effect of Prior Treatment with Corticosteroids on Diagnostic Capability of Temporal Artery Biopsies in Giant Cell Arteritis. ARVO annual meeting, May 2011.
131. Yoon MK, **McCulley TJ**. Complications of Autologous Dermis Grafts Used as a Posterior Lamellar Spacer in Lower Eyelid Retraction. ARVO annual meeting, May 2011.
132. Schallhorn JM, Haug SJ, Yoon MK, Porko T, Seiff SR, **McCulley TJ**. A National Survey of Practice Patterns: Unilateral Versus Bilateral Temporal Artery Biopsy. ARVO annual meeting, May 2011.
133. Yoon MK, Phan L, **McCulley TJ**. Modified Cutler-Beard Procedure: Secondary Placement of a Tarso-Conjunctival Graft. ASOPRS annual meeting, October 2011.

134. Yoon MK, Phan L, Hwang TN, **McCulley TJ**. The "Swinging Sclera" Modification of Evisceration: Assessment of Motility and Long Term Follow-up. ASOPRS annual meeting, October 2011.
135. Yoon MK, Phan L, **McCulley TJ**. Modified Cutler-Beard Procedure: Secondary Placement of a Tarso-conjunctival Graft. 3rd World Congress on Controversies in Ophthalmology (COPHy), March 2012.
136. Yoon MK, Phan LT, Hwang, TN, **McCulley TJ**. The "Swinging Sclera" Modification of Evisceration: assessment of motility and long term follow-up. 3rd World Congress on Controversies in Ophthalmology (COPHy), March 2012.
137. Phan LT, Yoon MK, Hwang TN, **McCulley TJ**. The "Swinging Sclera" Modification Of Evisceration: Assessment Of Motility And Long Term Follow-up. ARVO annual meeting, May 2012.
138. Yoon MK, Phan LT, **McCulley TJ**. Modified Cutler-Beard Procedure: Secondary Placement of an Autologous Tarso-conjunctival Graft. ARVO annual meeting, May 2012.
139. Phan LT, Piluek WJ, **McCulley TJ**. The Double-Layered Closure for Eyelid Crease Formation: Long Term Results. ASOPRS annual meeting, November 2012.
140. Yoon MK, Phan LT, **McCulley TJ**. The "Flipped Tarsal Bridge" Technique for Reconstructing Moderate Sized Upper Eyelid Defects. ASOPRS annual meeting, November 2012.
141. Yoon MK, **McCulley TJ**. Assessment of Autologous Postauricular Dermal Grafts as Posterior Lamellar Spacers in the Management of Lower Eyelid Retraction. ASOPRS annual meeting, November 2012.
142. Phan LT, Sedah Z, Bosley TM, **McCulley TJ**. Arteritic and Non-arteritic Anterior Ischemic Optic Neuropathy: Relative Incidence in Saudi Arabia. NANOS annual meeting, February, 2013.
143. Yoon MK, Phan LT, **McCulley TJ**. Orbital Cerebrospinal Fluid Leak Following Pterional Orbitozygomatic Craniotomy. NANOS annual meeting, February, 2013.
144. **McCulley TJ**, Phan L, Bosley TM, Sadah Z. Arteritic and Non-arteritic Anterior Ischemic Optic Neuropathy: Relative Incidence in Saudi Arabia. ARVO annual meeting, May 2013.
145. Phan L, **McCulley TJ**. Age Related Gender Differences in the Occurrence of Acquired Nasolacrimal Duct Obstruction in Saudi Arabia. ARVO annual meeting, May 2013.
146. Sadah Z, Yoon MK, **McCulley TJ**. Orbital Cerebrospinal Fluid Leak Following Pterional Orbitozygomatic Craniotomy. ARVO annual meeting, May 2013.
147. Phan LT, **McCulley TJ**. The Demographics of Patients who Underwent External Dacryocystorhinostomy at a Tertiary Eye Hospital in Saudi Arabia. ASOPRS annual meeting, November 2013.
148. **McCulley TJ**. Sphenoid Sinus Expansion: A Radiographic Sign Of Intracranial Hypotension And The Sagging Brain, Sunken Eyes Syndrome. NANOS annual meeting, March, 2014.
149. Piluek WJ, Alaraj AM, **McCulley TJ**. Aberrant Regeneration of the Abducens Nerve to the Medial Rectus Muscle. NANOS annual meeting, March, 2014.
150. Ahmad S, Phan L, **McCulley TJ**, Patel VR. Bilateral Sequential Optic Neuropathy Secondary to IgG4 Infiltrative Disease. NANOS annual meeting, March, 2014.

151. **McCulley TJ.** Sphenoid Sinus Expansion and Intracranial Hypotension. ARVO annual meeting, May 2014.
152. **McCulley TJ.** Intracranial Hypotension Related Skull Remodeling. ASOPRS Spring Meeting, June 2014.
153. Piluek WJ, Chang J, **McCulley TJ.** A Newly Identified Syndrome of Multiple Facial Clefts. ASOPRS Annual meeting, October 2014.
154. Piluek WJ, Chang J, **McCulley TJ.** Endonasal Vs. External Dacryocystorhinostomy: A Meta-Analysis. ASOPRS Annual meeting, October 2014.
155. **McCulley TJ,** Piluek WJ, Chang J. Cosmetic Hyaluronic Acid Injection: Delayed Periocular Edema as an Uncommon Complication. ASOPRS Annual meeting, October 2014.
156. **McCulley TJ.** Intracranial Hypotension Related Skull Remodeling With Enophthalmos and Sphenoid Sinus Expansion. ASOPRS Annual meeting, October 2014.
157. Chang JR, Gruener AM, Kum C, Rabinovitz B, **McCulley TJ.** Temperature Changes Associated with Bone Drilling in an Orbital Model: Comparison of Ultrasonic Bone Drill and Conventional High-speed Rotational Drill. Spring ASOPRS Meeting, May 2016.
158. Chang JR, Kum C, Rabinovitz B, Gruener A, Hamache Y, **McCulley TJ.** Optic Canal Temperature Change with Ultrasonic Drill Decompression of the Orbit Apex. NANOS Annual Meeting, February 2016.
159. Doyle JD, Chang JR, Gruener AM, **McCulley TJ,** Kum C. An Unusual Orbital Foreign Body. NANOS Annual Meeting, February 2016.
160. Chang JR, Gruener AM, Kum C, Hamache Y, **McCulley TJ.** The Translaminar Gradient Influences Papilledema Severity. NANOS Annual Meeting, February 2016.
161. Kum C, Chang JR, Rabinovitz B, Gruener A, Hamache Y, **McCulley TJ.** Irrigation Rate and Ultrasonic Drill-induced Heat Transmission. NANOS Annual Meeting, February 2016.
162. Doyle JD, Chang JR, **McCulley TJ.** Brown Syndrome: An Uncommon Cause of Diplopia Following Levator Advancement. NANOS Annual Meeting, February 2016.
163. Piluek WJ, Braich PS, Blitz AM, Chang JR, **McCulley TJ.** Sarcopenia and Radiographic Changes in the Aging Orbit. NANOS Annual Meeting, February 2016.
164. Chang JR, **McCulley TJ.** Intracranial Pressure, Intraocular Pressure, Translaminar Pressure Gradient, and Papilledema Severity. AOS Annual Meeting, May 2017.
165. Daphalapurkar N, Li Yang, Singman E, Ramesh KT, Nguyen V, **McCulley TJ,** Yousem D. Computational Head Model for Biomechanical Simulations of Indirect Traumatic Optic Neuropathy. Military Health System Research Symposium (MHSRS), August 2017.
166. Chang JR, **McCulley TJ.** Sarcopenia and Blepharoptosis. ASOPRS Annual Meeting, October 2017.
167. Chang JR, Chen HC, Mahoney N, **McCulley TJ.** Intracranial Hypotension Related Bony Remodeling of the Orbit and Sinuses with Optic Atrophy. ASOPRS Annual Meeting, October 2017.

168. Gruener A, Bosley TM, Chang JR, **McCulley TJ**. Relative Frequencies of Arteritic and Non-Arteritic Anterior Ischaemic Optic Neuropathy in an Arab Population. Royal College of Ophthalmologists Annual Congress, May 2017.
169. Cai S, Tourkevich R, Tulbah R, Rowe S, **McCulley TJ**, Gold D, Henderson A. Creutzfeldt-Jakob Disease Presenting with Vision Loss, Homonymous Hemianopia, and Nystagmus. NANOS Annual Meeting, March 2018.
170. Nguyen A, **McCulley TJ**, Henderson A. Thyroid-Associated Ophthalmopathy Presenting as Superior Rectus and Levator Palpebrae Enlargement. NANOS Annual Meeting, March 2018.
171. Hodgson N, Chang JR, Vizcaino A, DeParis S, Ediriwickrema L, Eberhart C, **McCulley TJ**. Pituitary Adenoma Apoplexy of the Orbit. NANOS Annual Meeting, March 2018.
172. Hodgson N, Chang JR, Vizcaino A, DeParis S, Ediriwickrema L, Eberhart C, **McCulley TJ**. Recurrent Fibrous Dysplasia. NANOS Annual Meeting, March 2018.
173. **McCulley TJ**, Tuckwell K, Dimonaco S, Klearman M, Collinson N, Stone JH. Tocilizumab for the Treatment of Giant Cell Arteritis: Ophthalmic Subset Analysis of a Phase 3 Randomized Controlled Trial. AOS Annual Meeting, May 2018.
174. Hodgson NM, Chang JR, Vizcaino A, Eberhart C, **McCulley TJ**. Recurrent Pituitary Adenoma of the Orbit. ASOPRS Annual Spring Meeting, October 2018.
175. Hodgson NM, Chen H, Eberhart C, **McCulley TJ**. Tarsal Epithelial Cysts: Clinical Case Series. ASOPRS Annual Spring Meeting, October 2018.
176. Ling YTT, Konopacki E, Shaeffer M, **McCulley TJ**, Nguyen TD, Ramesh KT, Singman E. Development of a Head Impact Device for the Study of Indirect Traumatic Optic Neuropathy. World Congress of Biomechanics, August 2018.
177. Nguyen A, Henderson A, **McCulley TJ**. Thyroid-Associated Ophthalmopathy Presenting as Superior Rectus and Levator Palpebrae Enlargement. Women in Ophthalmology, Summer Symposium, June 2018. (Recipient of *Award for Top 10 Presentations*)
178. Gruener A, Poostchi A, Carey A, Henderson AD, Chang JR, **McCulley TJ**. Giant Cell Arteritis in African Americans: 10-Year Data from Johns Hopkins. European Neuro-Ophthalmological Society Annual Meeting, June 2019.
179. **McCulley TJ**. Visual Impairment in Patients with Giant Cell Arteritis Treated with Tocilizumab in Real-World Clinical Practice. NANOS Annual Meeting, March 2019.
180. Zhao J, Hodgson NM, Chang JR, Campbell AA, **McCulley TJ**. Thyroid Eye Disease Related Epiblepharon: A Comparative Case Study. NANOS Annual Meeting, March 2019.
181. Hodgson NM, **McCulley TJ**, Traumatic Optic Neuropathy Biomechanics: High Speed Camera Assessment In An Animal Model. NANOS Annual Meeting, March 2019.
182. Gruener A, Poostchi A, Carey A, Henderson AD, Chang JR and **McCulley TJ**. Giant Cell Arteritis in African Americans: 10-Year Data from Johns Hopkins. NANOS Annual Meeting, March 2019.
183. Chang JR, **McCulley TJ**. Temporal Artery Biopsy Length and Laterality. NANOS Annual Meeting, March 2019.

184. Carey D, Henderson AD, Miller NR, **McCulley RJ**. Use of En Face OCT to Monitor Papilledema in IIH. NANOS Annual Meeting, March 2019.
185. Stoilov I, **McCulley TJ**, Pei J, Sidiropoulos PN, Birchwood C, Best J, Stone JH, Unizony S. Visual Impairment in Patients with Giant Cell Arteritis Treated with Tocilizumab in Real-World Clinical Practice. ARVO Annual Meeting, April 2019.
186. Spicer G, **McCulley TJ**, Pei J, Sidiropoulos PN, Birchwood C, Best J, Stone JH, Unizony S. Visual Impairment in Patients with Giant Cell Arteritis Treated with Tocilizumab in Real-World Clinical Practice. EURETINA Congress, April 2019.
187. Zhao J, Hodgson NM, Chang JR, Campbell AA, **McCulley TJ**. Thyroid Eye Disease Related Epiblepharon: A Comparative Case Study. AOS Annual Meeting, May 2019.
188. **McCulley TJ**, Pei J, Sidiropoulos PN, Birchwood C, Best J, Stone JH, Unizony S. Visual Impairment in Patients with Giant Cell Arteritis Treated with Tocilizumab in Real-World Clinical Practice. AOS Annual Meeting, May 2019.
189. McDonnell EC, Hodgson N, **McCulley TJ**. Low-Grade Osteosarcoma: An elusive diagnosis. NANOS Annual Meeting, March 2020.
190. **McCulley, RJ**; McDonnell EC, Fu, Hodgson NM, Shaeffer M, Ling YTT, Panghat L, Mukherjee D, Khalafallah A, Ramesh RK, Yousem D, Singman E. Results of an Experimental Model of Traumatic Optic Neuropathy. NANOS Annual Meeting, March 2020.
191. Ahmad M, Chang JR, Timothy McCulley. Assessment of Levator Muscle Strength Using External Eyelid Weights. NANOS Annual Meeting, March 2020.
192. **McCulley, RJ**; McDonnell EC, Fu, Hodgson NM, Shaeffer M, Ling YTT, Panghat L, Mukherjee D, Khalafallah A, Ramesh RK, Yousem D, Singman E. Results of an Experimental Model of Traumatic Optic Neuropathy. ASOPRS Annual Meeting, November 2020.
193. McDonnell EC, Hodgson N, McCulley TJ. Osteosarcoma of the Orbit. ASOPRS Annual Meeting, November 2020.