

## *Curriculum Vitae*

### **Makayla Marie McCoskey, MD**

#### **Education**

<b>University of Michigan, Ann Arbor</b>	2015
Bachelor of Science with High Distinction - <i>Phi Beta Kappa</i> - Biomolecular Science	
<b>University of Pennsylvania Perelman School of Medicine</b>	2019
Doctor of Medicine - <i>Alpha Omega Alpha, Gold Humanism Honor Society</i>	
Certificate in Clinical Neuroscience - <i>Distinction in neuroscience research and clinical care</i>	
Certificate in Medical Education - <i>Distinction in teaching and the scholarly study of education</i>	

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

<b>Lankenau Medical Center</b>	2019-2020
Internship, Internal Medicine	
<b>Massachusetts Eye and Ear, Harvard Medical School</b>	2020-2023
Residency, Ophthalmology	
<b>TOC Eye and Face</b>	7/2023-Present
Fellowship, Oculofacial Plastic Surgery	
ASOPRS Oculoplastic Surgery (Preceptors: Sean Blaydon, MD, Vikram Durairaj, MD)	
AACs Facial Cosmetic Surgery (Preceptor: Tanuj Nakra, MD)	

#### **Medical Licensures**

Massachusetts Board of Registration in Medicine – Limited Medical License (Resident)	2020-2023
Texas Medical Board – Physician License	2023-Present

#### **Professional Society Memberships**

Women in Ophthalmology, Member	2019-Present
American Academy of Ophthalmology, Member	2020-Present
YoungMD Connect, Member, Ambassador	2021-Present
American Academy of Cosmetic Surgery, Trainee Member	2023-Present
American Society of Ophthalmic Plastic and Reconstructive Surgery, Candidate Member	2023-Present
Texas Ophthalmological Society, Member	2023-Present

#### **Honors and Awards**

Regents Scholar, University of Michigan	<i>Merit-based scholarship</i>	2011
Miss America National Academic Scholarship Award	<i>Merit-based scholarship</i>	2013, 2014
Phi Beta Kappa Honor Society, University of Michigan	<i>Nominated for academic achievement</i>	2015
Phi Kappa Phi Honor Society, University of Michigan	<i>Nominated for academic achievement</i>	2015
James B. Angell Scholar, University of Michigan	<i>Awarded for academic achievement</i>	2015
Dr. and Mrs. David B. Allman Medical Scholarship	<i>Merit-based scholarship</i>	2016
Clinical Neuroscience Training Program Research Grant Recipient, University of Pennsylvania	<i>Awarded for study of the interplay of cognitive function and glaucoma</i>	2016
Fiat Chrysler Automobiles Student Achievement Award	<i>Merit-based scholarship</i>	2016

Alpha Omega Alpha Honor Society, Perelman School of Medicine at the University of Pennsylvania	<i>Nominated for academic achievement</i>	2018
Gold Humanism Honor Society, Perelman School of Medicine at the University of Pennsylvania	<i>Peer- and faculty-nominated for compassionate patient care</i>	2018
Charles A. Oliver Memorial Prize in Ophthalmology, Perelman School of Medicine at the University of Pennsylvania	<i>For the graduating student who achieves the highest record of performance in Ophthalmology</i>	2019
Stuart L. Fine Ophthalmology Research Prize, Perelman School of Medicine at the University of Pennsylvania	<i>For meritorious research in the field of Ophthalmology</i>	2019
Glasgow-Rubin Academic Achievement Award, American Medical Women's Association	<i>For a woman who graduates first in her medical school class</i>	2019
YoungMD Connect Live Conference Scholarship	<i>Conference attendance scholarship and travel stipend awarded for research abstract submission</i>	2023
Cosmetic Surgery Foundation Research Grant Recipient	<i>Awarded for study of post-operative headache and migraine after endoscopic brow lift</i>	2024
American Academy of Cosmetic Surgery Annual Scientific Meeting 3 <sup>rd</sup> Place Poster Award	<i>For surgical technique: labiomentaloplasty during genioplasty to reduce the labiomental groove</i>	2024
Clinique Laboratories Scholarship, YoungMD Connect	<i>YMDC Live Conference scholarship</i>	2024

### **Administrative Service**

Ophthalmology Student Interest Group, University of Pennsylvania <i>Chairperson (2016-2017)</i>		2015-2019
School of Medicine Curriculum Committee, University of Pennsylvania <i>Class of 2019 Elected Student Representative</i>		2015-2019
Residency Steering Committee, Lankenau Medical Center <i>Preliminary Intern Class Representative</i>		2019-2020
Residency Program Wellness Committee, Mass. Eye and Ear <i>Class Representative</i>		2019-2023
YoungMD Connect Ophthalmology Education/Mentorship Platform <i>Trainee Ambassador</i>		2024

### **Local and National Service**

Unite for Sight, University of Michigan <i>Chapter President (2013-2015), VP Fundraising (2011-2013)</i>		2011-2015
Students Empowering Education, University of Michigan <i>Director of Public Relations (2013-2015)</i>		2013-2015
Volunteer ACT/SAT tutoring and college application mentoring in Ypsilanti, MI		
Health Science Elementary Exploration Program <i>Executive Board Member (2016)</i>		2015-2016
Huey Elementary School and Comegys Elementary School, Philadelphia, PA		
Penn Sight Savers Glaucoma Screening Clinic <i>Executive Board Member (2015-2016)</i>		2015-2016

Medical Education Club, University of Pennsylvania <i>Shelf Exam Prep-Course Co-Leader, Step 1/Step 2 Exam Tutor, Pre-clinical Course Tutor</i>	2018-2019
Scholars in Ophthalmology Summer Program, Harvard Medical School <i>Medical writing/manuscript preparation mentor</i>	2022-2023

### ***Teaching Activities***

Gross Anatomy and Biomedical Research Skills Premedical Course, Teaching Assistant Ascension Providence Hospital, Southfield, MI	2012
Honors Physics 135 and 235, Teaching Assistant University of Michigan, Ann Arbor	2013-2015
Cell and Tissue Biology Course, Teaching Assistant University of Pennsylvania Perelman School of Medicine	2018
Gross Anatomy Course, Teaching Assistant University of Pennsylvania Perelman School of Medicine	2018
Doctoring (Professionalism and Humanism) Course, Student Facilitator University of Pennsylvania Perelman School of Medicine	2018-2019
Neurology Clerkship Neuro-ophthalmology Pilot Curriculum Development Team Harvard Medical School, Beth Israel Deaconess Medical Center	2021-2023
Orbital/Facial Dissection Course, Invited Faculty San Antonio Uniformed Services Health Education Consortium, Ophthalmology	2023

### **Publications**

#### ***Peer-Reviewed Publications***

1. Stein AB, Goonewardena SN, Jones TA, Prusick PJ, Bazzi AA, Belyavskaya JM, **McCoskey MM**, Dandar RA. The PTIP-Associated Histone Methyltransferase Complex Prevents Stress-Induced Maladaptive Cardiac Remodeling. *Plos One*, May 2015.
2. Parikh R, O'Keefe L, Salowe R, **McCoskey M**, Pan W, Sankar P, Miller-Ellis E, Addis V, Lehman A, Maguire M, O'Brien J. Factors Associated with Participation by African Americans in a Study of the Genetics of Glaucoma. *Ethnicity & Health*, July 2017.
3. **McCoskey M**, Shafer B, Nti A, Ying G, Tapino P, Pan W, Addis V. First Year Ophthalmology Residency Call Structure and its Association with Resident Anxiety and Confidence. *Journal of Academic Ophthalmology*, January 2019.
4. **McCoskey M**, Addis V, Goodyear K, Sankar P, Ying G, Yu Y, Salowe R, Cui Q, Miller-Ellis E, Maguire M, O'Brien J. Association between Primary Open-Angle Glaucoma and Cognitive Impairment Using the Montreal Cognitive Assessment. *Neurodegenerative Diseases*, March 2019.
5. Hoffinan D, Abdullah K, **McCoskey M**, Binder Z, O'Rourke D, Desai A, Nasrallah M, Bigdeli A, Morrisette J, Brem S, Bagley S. Negative Prognostic Impact of Epidermal Growth Factor Receptor Copy Number Gain in Young Adults with Isocitrate Dehydrogenase Wild-Type Glioblastoma. *Journal of Neuro-Oncology*, September 2019.
6. **McCoskey M**, Neerukonda VK, Hatton MP, Wolkow N. Eccrine Poroma of the Eyelid. *Orbit*, July 2021.
7. **McCoskey M**, Reshef ER, Wolkow N, Yoon MK. Bilateral enlargement of all extraocular muscles: a presenting ophthalmic sign of hematologic malignancy. *Orbit*, June 2022.
8. Brown K, **McCoskey M**, Nakra T. Complications of Facial Autologous Fat Grafting: Facial Injectable Updates, Prevention and Management of Complications [Special Issue]. *Plastic and Aesthetic Research*, February 2024.

9. **McCoskey M**, Yoon MK. Traumatic Ptosis. *International Ophthalmology Clinics, Spring 2024*.

### **Multimedia Publications**

1. **McCoskey M**, Freitag S. Thermal Punctal Cautery for Chronic Ocular Surface Disease. *C-Surgeries*, February 2022. <https://csurgeries.com/video/thermal-punctal-cautery-for-chronic-ocular-surface-disease/>
2. **McCoskey M**, Wolkow N, Armstrong GW. Orbital Mass – A Growing Concern. *Ophthalmology Dx (Ophthalmology Advisor)*, August 2022. <https://www.ophthalmologyadvisor.com/slideshow/ophthalmology-dx/diagnose-recent-upper-respiratory-infection-patient-subconjunctival-hemorrhage-orbital-mass/>

### **Abstracts and Proceedings**

1. Lehman A, Parikh R, **McCoskey M**, Salowe R, O'Keefe L, Addis V, Sankar P, Miller E, Henderer J, Murphy W, O'Brien J. Investigation of African Americans' opinions and understanding of Glaucoma Genetics Research. Poster presented at: *Association for Research in Vision and Ophthalmology (ARVO)*, Annual Meeting, Seattle, WA (May 2016).
2. **McCoskey M**, Addis V, Sankar P, Sha J, Maguire M, Miller-Ellis E, Lehman A, Salowe R, O'Keefe L, O'Brien J. Association between cognitive impairment and primary open-angle glaucoma using the Montreal Cognitive Assessment. Poster presented at: *Association for Research in Vision and Ophthalmology (ARVO)*, Annual Meeting, Baltimore, MD (May 2017).
3. **McCoskey M**, Goodyear K, Addis V, Yu Y, Ying G, Sankar P, Cui Q, Miller-Ellis E, Maguire M, Salowe R, O'Brien J. Association between visual field and cognitive impairment in primary open-angle glaucoma patients. Poster presented at: *American Glaucoma Society, Annual Meeting*, New York, NY (March 2018).
4. **McCoskey M**, Addis V, Goodyear K, Sankar P, Ying G, Yu Y, Salowe R, Cui Q, Miller-Ellis E, Maguire M, O'Brien J. Association Between Primary Open-angle Glaucoma and Cognitive Impairment in African Americans. Oral presentation at: *Scheie Eye Institute 145th Anniversary Meeting*, Philadelphia, PA (April 2019).
5. **McCoskey M**, Shafer B, Nti A, Ying G, Tapino P, Pan W, Addis V. Primary Call Preparation and Anxiety in First-Year Ophthalmology Residents. Poster presented at: *Women in Ophthalmology, Summer Symposium*, Coeur D'Alene, ID (August 2019).
6. Addis V, **McCoskey M**, Tapino P, Gorry T, O'Brien J. Development of a Curriculum to Teach Professionalism and Communication Skills to Ophthalmology Residents. Poster presented at: *Association of University Professors of Ophthalmology, Annual Meeting*, Rancho Mirage, CA (January 2020).
7. Goldblatt L, **McCoskey M**, Doroshov J, Surkis W. Sweating out the cause of unilateral mydriasis - A unique case. Poster presented at: *American College of Physicians Internal Medicine Annual Meeting*, Virtual (April 2021).
8. **McCoskey M**, Reshef E, Lefebvre D. Case presentation: Bacterial versus fungal orbital cellulitis. Oral presentation at: *New England Oculoplastic Society Meeting*, Boston, MA (October 2021).
9. Liou VD, **McCoskey M**, Gostimir M, Yoon MK. The association of suture type with foreign body granuloma formation. Oral presentation at: *American Society of Ophthalmic Plastic and Reconstructive Surgery Fall Scientific Symposium*, New Orleans, LA (November 2021).
10. **McCoskey M**, Reshef ER, Wolkow N, Yoon MK. Bilateral enlargement of all extraocular muscles: a presenting ophthalmic sign of hematologic malignancy. Poster presented at: *American Society of Ophthalmic Plastic and Reconstructive Surgery Fall Scientific Symposium*, New Orleans, LA (November 2021).
11. **McCoskey M**, Lee NG. Saturday Night Retinopathy with Orbitopathy. Oral presentation at: *New England Ophthalmological Society, Grand Rounds*, Boston, MA (April 2022).
12. **McCoskey M**, Reshef ER, Yoon MK, Lee NG. Friday Night Orbitopathy. Poster presented at: *Women in Ophthalmology, Summer Symposium*, Monterey, CA (August 2022).

13. Rosenblatt TR, **McCoskey M**, Reshef ER, Lu JE, Lefebvre DR, Lee NG, Yoon MK, Freitag SK. Factors Associated with Post-operative Opioid Prescribing After Orbitotomy. Poster presented at: *Women in Ophthalmology, Summer Symposium*, Monterey, CA (August 2022).
14. Rosenblatt TR, **McCoskey M**, Reshef ER, Lu JE, Lefebvre DR, Lee NG, Yoon MK, Freitag SK. Complications of Lateral Orbitotomy with Bone Window. Poster presented at: *American Society of Ophthalmic Plastic and Reconstructive Surgery Fall Scientific Symposium*, Chicago, IL (September 2022).
15. **McCoskey M**, Nahed BV, Yoon MK. Surgical Management of Sphenoid Wing Meningiomas: Focus on Orbital Reconstruction and Ki67 Index. Oral presentation at: *American Society of Ophthalmic Plastic and Reconstructive Surgery Fall Scientific Symposium*, Chicago, IL (September 2022).
16. Brown K, **McCoskey M**, Nakra T. Foreign body granuloma to dermal filler presenting as an orbital mass: a case report. Poster presented at: *American Academy of Cosmetic Surgery Annual Scientific Meeting*, New Orleans, LA (February 2024).
17. **McCoskey M**, Brown K, Nakra T. Labiommentoplasty during genioplasty to reduce the labiomental groove. Poster presented at: *American Academy of Cosmetic Surgery Annual Scientific Meeting*, New Orleans, LA (February 2024).
18. **McCoskey M**, Brown K, Nakra T. In-situ contouring of tear trough implant for treatment of infraorbital nerve impingement. Oral presentation at: *American Academy of Cosmetic Surgery Annual Scientific Meeting*, New Orleans, LA (February 2024).
19. **McCoskey M**, Brown K, Nakra T. Free autologous fat grafting to the radix for augmentation of the nasofrontal angle during simultaneous blepharoplasty and endoscopic brow lift surgery. Oral presentation at: *American Academy of Cosmetic Surgery Annual Scientific Meeting*, New Orleans, LA (February 2024).
20. **McCoskey M**, Brown K, Nakra T. Transblepharoplasty corrugator excision with nasal fat transposition: a novel technique. Oral presentation at: *American Academy of Cosmetic Surgery Annual Scientific Meeting*, New Orleans, LA (February 2024).

### ***Publications Pending***

1. Brown K, **McCoskey M**, Durairaj D. Zygomaticomaxillary (ZMC) Fractures. *The ASOPRS Oculoplastic Surgery Education Center*. (Submitted December 2023. Review pending).

### ***Editorial/Reviewer Services to Scholarly Publications***

Orbit

2024–Present