

Karen R. Brown
kbrown@toacaustin.com

Education/Training

TOC Eye & Face

American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Accredited 2-year Fellowship in Oculofacial Plastic Surgery Austin, TX July 2022-June 2024
American Academy of Cosmetic Surgery (AACS) Accredited 1-year Fellowship in Cosmetic Surgery. July 2023-June 2024

University of Texas Southwestern Medical Center

Ophthalmology Residency Dallas, TX July 2019-June 2022

University of Austin Dell Medical Center

Transitional Year Internship Austin, TX July 2018-July 2019

Virginia Commonwealth University (VCU) School of Medicine

Doctor of Medicine Richmond, VA December 2017
Member of Alpha Omega Alpha Honor Medical Society, Brown-Sequard Chapter

University of Virginia (UVA)

Bachelor of Arts in French Charlottesville, VA May 2012
Bachelor of Arts in Art History May 2012

Université de Lyon

UVA French department, study abroad program Lyon, France June 2010

Board Certification

American Board of Ophthalmology (ABO) April 2023-Dec 2033

Medical Licensure

Texas Medical Board (TMB) June 1, 2022-present

Medical Society Memberships

American Medical Association (AMA)
American Academy of Ophthalmology (AAO)

Academic Awards and Recognition

ASOPRS Foundation Bart Frueh Award for Best YASOPRS Presentation October 2024
Chicago, IL

Young MD Connect (YMDC) Conference Scholarship Recipient April 2024
Austin, TX

American Academy of Cosmetic Surgery Annual Scientific Meeting, Poster Session February 2024
First place poster awarded for: Nakra T, Brown K. Tragal contouring during facelift surgery: a novel technique for prevention of postoperative tragal distortion.
Third place poster awarded for: McCoskey M, Brown K, Nakra T. Labiommentoplasty during genioplasty to reduce the labiomental groove.

Cosmetic Surgery Foundation (CSF) Research Grant Recipient August 2023
Recipient of the 2023 CSF Research Grant to fund the following study: The Effect of Pharmacologic Brow Lift on Frontalis Tone: A Study of Proprioceptive Free Nerve Endings in Smooth and Skeletal Muscle.

UT Southwestern 42nd Annual Alumni Day June 2022
Third place award for best paper, received as first author for "Facial asymmetry in adults with unilateral congenital ptosis"

Texas Ophthalmological Association 2022 Annual Meeting April 2022
The Barry Uhr, MD Prize in Comprehensive Ophthalmology – Second Place

UT Southwestern 41 st Annual Alumni Day First place award for best paper, received as first author for “Facial asymmetry in unilateral congenital ptosis”	June 2021
Alpha Omega Alpha Honor Medical Society, Brown-Sequard Chapter: Member	August 2016
Pathology Honor Society, VCU School of Medicine: Member	August 2014
Dean’s List, University of Virginia	Fall 2008-Spring 2012
National Society of Collegiate Scholars (NSCS), University of Virginia: Member	2010
Sigma Alpha Lambda (SAL) National Leadership and Honors Organization, University of Virginia	2010

Service

Clinical Volunteer World Pediatric Project (WPP)	Milton Cato Memorial Hospital, Kingstown, St. Vincent & the Grenadines 2017-present
<ul style="list-style-type: none"> World Pediatric Project is a non-profit organization based in Richmond, VA that provides pediatric subspecialty surgical care to several countries in the Eastern Caribbean and Central America. Assistant surgeon for the oculoplastic surgery team for February 2024 oculoplastic surgery trip. Plan to lead subsequent annual surgical trips with WPP. 	

Invited Lectures

TOC Eye and Face Annual Conference Temporal and coronal browlift video and narration Lower blepharoplasty: Cut, Transpose or Fill?	Austin, TX April 5-6, 2024
Milton Cato Memorial Hospital, Resident Grand Rounds Introduction to Oculoplastic Surgery	Kingstown, St. Vincent & the Grenadines February 15, 2024
Orbital and Facial Dissection Course, United States Air Force Mohs reconstruction of the eyelids and forehead Brow lifting techniques for the functional and cosmetic patient	San Antonio, TX August 8, 2023

Research roles

Research assistant Ophthalmology, Bascom Palmer Eye Institute, Dr. Harry Flynn, Dr. Sander Dubovy	Miami, FL Aug 2017-April 2018
<ul style="list-style-type: none"> Served as a research assistant in retina and ophthalmic pathology, assisting with clinical research study development, data collection and analysis, and manuscript authorship. Compiled a database of >1700 cases of rhegmatogenous retinal detachments, with the intent to conduct multifactorial analysis and analyze patterns in retinal detachment demographics, treatment and outcomes. Assisted in review of gross and microscopic specimens submitted to the ocular pathology lab with Dr. Dubovy. 	
Reviewer, Journal of Vitreoretinal Diseases	June 2020-August 2022
<ul style="list-style-type: none"> Served as a reviewer for manuscripts submitted for review to the Journal of Vitreoretinal Diseases. 	

Oral/Podium Presentations

- Brown K**, Miles, E, McCoskey M, Nakra T. Micropigmentation for facial and periocular surgical scar camouflage. ASOPRS Fall Scientific Symposium. Oct 2024. Chicago, IL.
- McCoskey M, **Brown K**, Ray M, Durairaj V, Abrol A. Medial Canthal Eccrine Poroma with Invasion of the Nasal Cavity – Excision and Staged Reconstruction. ASOPRS Fall Scientific Symposium. Oct 2024. Chicago, IL.
- McCoskey M, **Brown K**, Abrol A, Reed D. Pre-operative Onyx embolization of large facial intraosseous hemangioma. ASOPRS Fall Scientific Symposium. Oct 2024. Chicago, IL.

Brown K, McCoskey M, Nakra T. The temporal subcutaneous browlift with orbicularis suspension. American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Spring Scientific Symposium. May 2024. Sea Island, GA.

Brown K, McCoskey M, Ray M, Allen R. Orbital myositis in the setting of drug-induced lupus with Factor Xa inhibitor. ASOPRS Spring Scientific Symposium. May 2024. Sea Island, GA.

McCoskey M, **Brown K**, Narka T. In-situ contouring of tear trough implant for treatment of infraorbital nerve impingement. American Academy of Cosmetic Surgery (AACS) Annual Scientific Meeting. February 2024. New Orleans, LA.

McCoskey M, **Brown K**, Narka T. Free autologous fat grating to the radix for augmentation of the nasofrontal angle during simultaneous blepharoplasty and endoscopic brow lift surgery. American Academy of Cosmetic Surgery (AACS) Annual Scientific Meeting. February 2024. New Orleans, LA.

McCoskey M, **Brown K**, Narka T. Transblepharoplasty corrugator excision with nasal fat transposition: a novel technique. American Academy of Cosmetic Surgery (AACS) Annual Scientific Meeting. February 2024. New Orleans, LA.

Ray M, **Brown K**, Goodyear K, Abrol A, Nakra T. Nasal Valve Repair in Facial Paralysis: A Newly Described Technique. ASOPRS 54th Annual Fall Scientific Symposium. November 2023. San Francisco, CA.

Nakra T, **Brown K**. Tragal contouring during facelift surgery: a novel technique for prevention of postoperative tragal distortion. ASOPRS 54th Annual Fall Scientific Symposium. November 2023. San Francisco, CA.

Brown K, Ray M, Reed D, Detmers, A, Nakra T. Opioid Sparing vs. Standard of Care for post operative pain control in Oculofacial Plastic Surgery. American Academy of Cosmetic Surgery (AACS) Annual Scientific Meeting. February 2023. San Diego, CA.

Brown K, Ray M, Durairaj V. Lateral Canthopexy as a Simple Adjunct to Lower Eyelid Blepharoplasty: A Review of 230 Consecutive Cases. AACS Annual Scientific Meeting. February 2023. San Diego, CA.

Brown K, Ray M, Nakra T. Customized vector fixation for endoscopic brow lift. AACS Annual Scientific Meeting. February 2023. San Diego, CA.

Tenzel P, **Brown K**, Zhou B, Itani K, Mancini R. Facial asymmetry in unilateral congenital ptosis. Texas Ophthalmological Association (TOA) Annual Meeting. April 2022. Houston, TX.

Tenzel P, **Brown K**, Zhou B, Itani K, Mancini R. Facial asymmetry in unilateral congenital ptosis. ASOPRS Fall Scientific Symposium. November 2021. New Orleans, LA.

Brown K, Tenzel P, Zhou B, Itani K, Mancini R. Conjunctivodacryomaxillostomy (CDM): a novel alternative to conjunctivodacryocystorhinostomy (CDCR). ASOPRS Fall Scientific Symposium. November 2021. New Orleans, LA.

Brown K. Retinoblastoma presenting as Coats' disease. Presentation at UT Southwestern Department of Ophthalmology Bi-Monthly Conference. January 2021. Dallas, TX.

Brown K. Vision loss with macular fibrosis. Presentation at UT Southwestern Department of Ophthalmology Grand Rounds. July 2020. Dallas, TX.

Brown K. Retinal ischemia in a monocular patient. Presentation at UT Southwestern Department of Ophthalmology Grand Rounds. Jan 2020. Dallas, TX.

Brown K. Persistent macular edema. Presentation at UT Southwestern Department of Ophthalmology Grand Rounds. Aug 2020. Dallas, TX.

Brown K, Banna H. Recurrent graft failure and secondary glaucoma after penetrating keratoplasty for perforated corneal ulcer. Presentation at UT Southwestern Department of Ophthalmology Bi-monthly Conference. Sept 2019. Dallas, TX.

Brown K. Central scotoma. Presentation at UT Southwestern Department of Ophthalmology Grand Rounds. Sept 2019. Dallas, TX.

Brown K, Callaway NF, Yannuzzi NA, Patel N, Albini T, Berrocal A, Davis J, Fortun J, Smiddy W, Sridhar J, Townsend J, Flynn HW Jr. Surgical outcomes of rhegmatogenous retinal detachment in young adults. Paper presented at: Retina Society, 51st Annual Meeting. 2018 Sep 12-15; San Francisco, CA, USA.

Brown K, Casas de Leon S. Conjunctival mass in a patient with a history of diffuse large B-cell lymphoma. Presentation at UT Southwestern Department of Ophthalmology Grand Rounds. June 2017. Dallas, TX.

Poster Presentations

McCoskey M, **Brown K**, Nakra T. Curvilinear incision design for improved wound healing in endoscopic brow lift surgery. ASOPRS Fall Scientific Symposium. Oct 2024. Chicago, IL.

Brown K, McCoskey M, Belinsky I. Metastatic neuroendocrine carcinoma masquerading as an intraconal hemorrhagic cavernous hemangioma. ASOPRS Spring Scientific Symposium. May 2024. Sea Island, GA.

Brown K, McCoskey M, Nakra T. Hemostatic net in oculofacial surgery: a simple technique to minimize ecchymosis, hematoma and seroma. ASOPRS Spring Scientific Symposium. May 2024. Sea Island, GA.

Brown K, McCoskey M, Watson A, Homer N, Nakra T. Anterior Lamella Shortening Following Upper Eyelid Fractionated CO2 Laser Resurfacing. ASOPRS Spring Scientific Symposium. May 2024. Sea Island, GA.

Brown K, McCoskey M, Abrol A, Nakra T. Labiomentaloplasty during genioplasty to reduce the labiomental groove. ASOPRS Spring Scientific Symposium. May 2024. Sea Island, GA.

Nakra T, **Brown K**. Modified deep-plane lip lift technique. Presented at the American Academy of Cosmetic Surgery Annual Scientific Meeting. February 2024. New Orleans, LA.

Nakra T, **Brown K**. Tragal contouring during facelift surgery: a novel technique for prevention of postoperative tragal distortion. Presented at the American Academy of Cosmetic Surgery Annual Scientific Meeting. February 2024. New Orleans, LA.

Brown K, McCoskey M, Nakra T. Foreign body granuloma to dermal filler presenting as an orbital mass: a case report. Presented at the American Academy of Cosmetic Surgery Annual Scientific Meeting. February 2024. New Orleans, LA.

McCoskey M, **Brown K**, Nakra T. Labiomentaloplasty during genioplasty to reduce the labiomental groove. Presented at the American Academy of Cosmetic Surgery Annual Scientific Meeting. February 2024. New Orleans, LA.

McCoskey M, **Brown K**, Nakra T. In-situ contouring of tear trough implant for treatment of infraorbital nerve impingement. Presented at the American Academy of Cosmetic Surgery Annual Scientific Meeting. February 2024. New Orleans, LA.

Brown K, Nakra T. Presented at the American Academy of Cosmetic Surgery Annual Scientific Meeting. February 2024. New Orleans, LA.

Brown K, Ray M, Nakra T. Optimizing Midface Symmetry with Free Fat Grafting for Lower Lid Blepharoplasty. Presented at the American Academy of Cosmetic Surgery (AACS) Annual Scientific Meeting. February 2023. San Diego, CA.

Brown K, Reed D, Ray M, Nakra T. Vicryl suture platysmaplasty to prevent residual platysmal banding. To be presented at the American Academy of Cosmetic Surgery (AACS) Annual Scientific Meeting. February 2023. San Diego, CA.

Brown K, Tenzel PA, Zhou B, Itani K, Mancini R. (Sept 2022). Facial asymmetry in adults with unilateral congenital ptosis. Poster presentation at: ASOPRS 53rd Annual Fall Scientific Symposium. Chicago, IL.

Brown K, Yannuzzi NA, Callaway NF, et al. (July 2019). Surgical outcomes of rhegmatogenous retinal detachment in young adults ages 18-30 years. Poster presentation at: Annual Society of Retinal Surgeons. Chicago, IL.

Brown K, Childers, A, Bradshaw, J, Coelho, D. (May 2017). Severe Myringosclerosis. Poster presentation at: Virginia Society of Otolaryngology 2017 Annual Meeting. Virginia Society of Otolaryngology: Richmond, VA.

Rosati SF, Parrish D, Maarouf R, Wolfe L, Poppe M, Manners R, **Brown K**, Haynes, J. (November 2014). Implementation of pediatric cervical spine clearance guidelines at a combined trauma center: twelve-month impact. Poster presentation at: Pediatric Trauma Society's 1st Annual Meeting. Pediatric Trauma Society: Chicago, IL.

Rosati SF, Parrish D, **Brown K**, Poppe M, Oiticica O, Cassano A, Lanning D. (July 2014). The use of robotic surgery in thoracic surgery: Patient satisfaction in children and adult populations in a single institution experience. Poster presentation at: IPEG's 23rd Annual Congress for Endosurgery in Children. International Pediatric Endosurgery Group (IPEG); Edinburgh, Scotland.

Surgical Videos

Brown K, Ray M, Nakra T. Superior fornix and Eyelid Reconstruction for Large Bilateral Upper Eyelid Coloboma. ASOPRS Fall Scientific Symposium. Oct 2024. Chicago, IL.

Brown K, Nakra T. (Nov 2023). Transblepharoplasty corrugator excision with nasal fat pedicle transposition: a novel technique. Surgical video presented at ASOPRS 54th Annual Fall Scientific Symposium. San Francisco, CA.

Brown K, Ray M, Nakra T. (Nov 2023). Enhancing transposition lower blepharoplasty results with a mingled central-lateral fat pedicle. Surgical video presented at ASOPRS 54th Annual Fall Scientific Symposium. San Francisco, CA.

Nakra T, **Brown K**. (Nov 2023). Modified Deep-Plane Lip Lift Technique. Surgical video presented at ASOPRS 54th Annual Fall Scientific Symposium. San Francisco, CA.

Publications

Brown K, McCoskey M, Durairaj D. Zygomaticomaxillary (ZMC) Fractures. The ASOPRS Oculoplastic Surgery Education Center. Submitted Dec 2023. Accepted, publication pending.

Brown K, McCoskey M, Nakra T. Complications of Facial Autologous Fat Grafting. *Plastic and Aesthetic Research*. Feb 2024;11:7. 10.20517/2347-9264.2023.9.

Tenzel P, **Brown K**, Zhou B, Itani K, Mancini R. Facial asymmetry in unilateral congenital ptosis. *Ophthalmic Plastic and Reconstructive Surgery*. Sep-Oct;38(5):483-489.

Starapoli P, **Brown KR**, Townsend J. Return to the operating room after repair of rhegmatogenous retinal detachment. *Clinical Ophthalmology*. 2022 May;16:1391-1399.

Brown KR, Yannuzzi NA, Smiddy WE, et al. Rhegmatogenous retinal detachment after intravitreal injection. *Ophthalmology Retina*. 2020 Jul; S2468-6530(20)30285-2.

Yannuzzi NA, **Brown K**, Callaway NF, et al. The influence of surgical timing on clinical outcomes in primary extramacular retinal detachment in a tertiary referral center. *Journal of Vitreoretinal Diseases*. 2019, Dec. 4(2):91-95.

Brown K, Yannuzzi NA, Callaway NF, et al. Surgical outcomes of rhegmatogenous retinal detachment in young adults ages 18-30 years. *Clinical ophthalmology*. 2019, Oct; 13:2135-2141.

Brown KR, Dubovy SR, Relhan N, Flynn HW Jr. Clinicopathologic correlation of subretinal proliferative vitreoretinopathy band in a patient with chronic recurrent retinal detachment. *Case Reports in Ophthalmology*. 2018, May; 24;9(2):279-282.

Rosati SF, Maarouf R, **Brown K**, Poppe M, Parrish D, Haynes J, Lanning D. Histrelin for central precocious puberty – a single surgeon experience. *Journal of Surgical Research*. 2015, Oct;198(2):355-359.

Rosati SF, Parrish D, Maarouf R, Wolfe L, Poppe M, Manners R, **Brown K**, Haynes, J. Implementation of pediatric cervical spine clearance guidelines at a combined trauma center: twelve-month impact. *The Journal of Trauma and Acute Care Surgery*. 2015, Jun; 78(6):1117-1121.