

JED H. ASSAM
Vitreoretinal Surgeon
VitreoRetinal Alliance, PLLC
5418 E Arrowhead Pkwy
Sioux Falls, SD 57110
605-705-3322

EDUCATION/TRAINING

EDUCATION:

Fellowship: Vitreoretinal Surgery Graduation Date: June 2023
University of Texas Health Science Center at San Antonio, San Antonio, TX

Residency: Ophthalmology Graduated: June, 2021
University of Texas Medical Branch (UTMB), Galveston, TX

Internship: Internal Medicine Graduated: June, 2018
UTMB, Galveston, TX

Major: Medical Degree Graduated: May, 2017
USD Sanford School of Medicine, Vermillion, SD

Major: Clinical Anatomy, M.S. Graduated: May, 2016
Creighton University, Omaha, NE

Double Major in Chemistry
Majors: Biochemistry/Molecular Biology, B.S. Graduated: May 26, 2012
Chemistry, B.A.
Minor: Business
Biology **Bethel University, St. Paul, MN**

BOARD CERTIFICATIONS

American Board of Ophthalmology Board Certified

WORK EXPERIENCE

Founder/Owner July 1, 2025-Present
VitreoRetinal Alliance, PLLC Sioux Falls, SD

Vitreoretinal Surgeon September 5, 2023-June 30, 2025
Vance Thompson Vision Sioux Falls, SD

Vitreoretinal Surgery Fellow/Faculty Physician, Ophthalmology July 2021-June 2023
University of Texas Health Science Center at San Antonio San Antonio, TX

Resident Physician, Ophthalmology July 2018-June 2021
University of Texas Medical Branch, Ophthalmology Department Galveston, TX

Resident Physician (PGY-1), Internal Medicine
University of Texas Medical Branch, Internal Medicine Department

June 2017-June 2018
Galveston, TX

LEADERSHIP POSITIONS

Founder, VitreoRetinal Alliance
Head of Retina Division, Vance Thompson Vision
Chief Resident, UTMB Ophthalmology

July 1, 2025-Present
September 2023-June 2025
March 2020-June 2021

ACADEMIC APPOINTMENTS

Clinical Faculty
University of South Dakota Sanford School of Medicine

September 5, 2023-Present
San Antonio, TX

Clinical Faculty
University of Texas Health Science Center at San Antonio

July 2021-June 2023
San Antonio, TX

CLINICAL TRIALS

1. OTX-TKI-2023-AMD-301, The SOL study. A Phase 3, Multicenter, Double-Masked, Randomized, Parallel-Group Study to Evaluate the Efficacy and Safety of Intravitreal OTX-TKI (Axitinib Implant) in Subjects With Neovascular Age-Related Macular Degeneration (nAMD)
Role: Primary Investigator
Sponsor: Ocular Therapeutix, Inc.

PUBLICATIONS

Assam JH, Syed M, El-Annan J. Intravitreal Injection Technique. [Video File]. In: Blomquist PH. *Practical Ophthalmology: A Manual for Beginning Residents, 8th Edition*. San Francisco, American Academy of Ophthalmology. Published 2021.

Assam JH, DeHaan MC, Bakken S, Spanos WC. Adverse event reporting in head and neck transoral robotic surgery: a MAUDE database study. *J Robot Surg*. 2021 Jan 23. doi: 10.1007/s11701-020-01185-1. Online ahead of print.

Assam JH, Miller AM, Chevez-Barrios P, Lee AG. Extraocular muscle biopsy during surgery for strabismus of unknown etiology. *J AAPOS*. 2019;S1091-8431(19)30534-8. doi: 10.1016/j.jaapos.2019.09.010

Pashaei-Marandi A, **Assam JH**, Bonelli L, Arnold A, Lee AG. Reversible anisocoria due to inadvertent ocular exposure to topical anticholinergic treatment for primary axillary hyperhidrosis. *Can J Ophthalmol*. 2019; □: 1-3. <https://doi.org/10.1016/j.jcjo.2019.04.009>

Assam JH, Spanos WC. Oral cavity reconstruction outcomes using porcine urinary bladder matrix: A retrospective case series. *WOUNDS*. 2018;30(5):131-137

Assam JH, Ferguson T, West N, Spencer TS. An evaluation of SPOT™ vision screening efficacy for children in South Dakota. *S D Med*. 2018;71(5):224-229.

Assam JH, Bernhisel A, Lin A. Intraoperative and postoperative pain in cataract surgery. *Survey of Ophthalmology*. 2018;63(1):75-85.

Turaihi HH, **Assam JH**, Zanfes JW, Thambi-Pilli T. Laparoscopic treatment of a pyogenic hepatic abscess caused by a transmural duodenal perforation of a toothpick. *S D Med*. 2017;70(8):369-381.

Turaihi HH, **Assam JH**, Sorrell M. Ascending colon schwannoma an unusual cause of acute lower gastrointestinal bleeding. *S D Med*. 2017;70(1):33-37.

Assam JH, Spanos WC. Treatment of peritonsillar abscess in immunosuppressed patients. *S D Med*. 2017;70(7):314-316.

Assam JH, Powell S, Spanos WC. Unresectable cutaneous squamous cell carcinoma of the forehead with MLH1 mutation showing dramatic response to PD-1 inhibitor therapy. *Clinical Skin Cancer*. 2016;1(1):26-29.

Assam JH and Mamalis N. Hydrogel intraocular lens opacification and calcification pathology using a MemoryLens model. Moran CORE. Eccles Library, University of Utah. July, 2016.

Assam JH, Quinn TH, Militsakh ON. The maxillary artery as a recipient vessel option for complex midface and anterior skull base microsurgical repair: A cadaveric study. *Microsurgery*. 2017;37(6):611-617.

Carlson RK, Lee RA, **Assam JH**, King RA, Nagel ML. Free-radical copolymerization of acrylamides, acrylates, and α -olefins. *Molecular Physics*. 2015;113:1809-1822. DOI: 10.1080/00268976.2015.1015641.

BOOK CHAPTERS

Assam J, Reddy A. Viral posterior uveitis: herpesviridae (HSV/VZV). ASRS Retina Atlas. <https://atlas.asrs.org/> 2024. Published

ACCEPTED ABSTRACTS

Lind T, **Assam J**, Jeong S. Looped fashion fixation – a new technique for increasing canula based chandelier platform stability during vitreoretinal surgery. Abstract/Poster ARVO 2023. *Accepted*

Hsu CW, **Assam JH**, Puthenparambil L. Chronic Relapsing Inflammatory Optic Neuropathy; An Elusive Case. NANOS 2021 Abstract. *Accepted*

Assam JH, Banaee T, Puthenparambil L. Direct Perfluorocarbon Liquid to Silicone Oil Exchange for a Complex, Chronic, Traumatic Retinal Detachment. AAO 2020 Video Abstract. *Accepted*

PRESENTATIONS

CONFERENCE PRESENTATIONS:

- Sioux Falls Symposium** March 2025
Topic: Behind Enemy Lines: Fighting Retinal Disease with Precision
Vance Thompson Vision Foundation Sioux Falls, SD
- Marshall Optometry Meeting** May 2024
Topic: A PAR for the Course: Retina Surgical Cases
Vance Thompson Vision Foundation Marshall, MN
- Sioux Falls Symposium** February 2024
Topic: Banking off the backboard: Options and Updates for Geographic Atrophy Patients
Vance Thompson Vision Foundation Sioux Falls, SD
- Third Coast Retina Conference Case Presentation** April 2023
Topic: Dynamic Duo
Third Coast Retina Club Meeting Austin, TX
- Back to the Future Sioux Falls Symposium** February 2023
Topic: The Back is the Future: Updates in Retina
Vance Thompson Vision Foundation Sioux Falls, SD
- UT Health Science Center San Antonio Ophthalmology Residency Lecturer** January 2023
Topic: Uveitis – Helminthic, Bacterial, and Viral Infections
UT Health San Antonio San Antonio, TX
- Curso Avazando De Medicina Aeroespacial (Advanced Aerospace Medicine Course)**
Lecturer for “Health Care Professional Subject Matter Expert Exchange” USA - Chile
Presentation 1: August 2022
Title: Ophthalmic conditions in Aerospace Medicine: A review of retinal detachments, triage and disposition
Centro De Medicina Aeroespacial de la Fuerza Aerea de Chile Santiago, Chile
- Presentation 2:* August 2022
Title: UAV Crew Aerospace Medicine
Centro De Medicina Aeroespacial de la Fuerza Aerea de Chile Santiago, Chile
- UT Health Science Center San Antonio Ophthalmology Residency Lecturer** February 2022
Topic: Uveitis – Helminthic, Bacterial, and Viral Infections
UT Health San Antonio San Antonio, TX
- UTMB Ophthalmology Resident Research Day Presentation** May 2021
Title: Annual Analysis of Patient Demographics in a County Based Indigent Care Clinic
Mentor: Kevin Merkley, MD

UTMB University Eye Center

Galveston, TX

Chester B. McVay Award Presentation

April, 2017

Mentor(s): Thomas H. Quinn, PhD, and Oleg N. Militsakh, MD

Topic: “The maxillary artery as a recipient vessel option for complex midface and anterior skull base microsurgical repair: A cadaveric study”

2017 Annual Meeting for ND/SD Chapters of the American College of Surgeons

Fargo, ND

GRAND ROUNDS PRESENTATIONS:

Grand Rounds Presentation

January 2023

Topic: “Dynamic Duo”

UT Health San Antonio

San Antonio, TX

Grand Rounds Presentation

July 2022

Topic: “Triple Threat”

UT Health San Antonio

San Antonio, TX

Grand Rounds Presentation

April 2022

Topic: “The Pach-man”

UT Health San Antonio

San Antonio, TX

Grand Rounds Presentation

January 2022

Topic: “To the Retina and Beyond”

UT Health San Antonio

San Antonio, TX

Grand Rounds Presentation

July 2021

Topic: “Glaucoma: A Clinical Review”

Orlando VA Medical Center

Orlando, FL

Grand Rounds Presentation

March 2021

Topic: “No Pressure”

UTMB University Eye Center

Galveston, TX

Grand Rounds Presentation

January 2021

Topic: “Seeing the Light”

UTMB University Eye Center

Galveston, TX

Surgical Case Presentation

October 2020

Topic: Toric Lens Selection and Operative Techniques

UTMB University Eye Center

Galveston, TX

Grand Rounds Presentation

July 2020

Topic: “Can You Tell”

UTMB University Eye Center

Galveston, TX

Grand Rounds Presentation

March 2020

<i>Topic: "Lumps and Bumps"</i> <i>UTMB University Eye Center</i>	Galveston, TX
Grand Rounds Presentation <i>Topic: "Battling the Bulge"</i> <i>UTMB University Eye Center</i>	February 2020 Galveston, TX
Grand Rounds Presentation <i>Topic: "Round and Round"</i> <i>UTMB University Eye Center</i>	January 2019 Galveston, TX
Grand Rounds Presentation <i>Topic: "To Look or not to Look"</i> <i>UTMB University Eye Center</i>	October 2019 Galveston, TX
Grand Rounds Presentation <i>Topic: "Hazed and Confused."</i> <i>UTMB University Eye Center</i>	May 2019 Galveston, TX
Grand Rounds Presentation <i>Topic: "AAO Mid-Year Forum 2019, April 10-12, Washington D.C."</i> <i>Co-presenter: Hamza Pasha, MD</i> <i>UTMB University Eye Center</i>	May 2019 Galveston, TX
Grand Rounds Presentation <i>Topic: "Double HIT"</i> <i>UTMB University Eye Center</i>	April 2019 Galveston, TX
Grand Rounds Presentation <i>Topic: "What Lies Beneath?"</i> <i>Houston Methodist, Blanton Eye Center</i>	March 2019 Houston, TX
Grand Rounds Presentation <i>Topic: "Tremor and Tremble"</i> <i>Houston Methodist, Blanton Eye Center</i>	February 2019 Houston, TX
Grand Rounds Presentation <i>Topic: "Therapeutic and Diagnostic"</i> <i>Houston Methodist, Blanton Eye Center</i>	January 2019 Houston, TX
Grand Rounds Presentation <i>Topic: "From Dark to Light: Why its Worth the Fight"</i> <i>Houston Methodist, Blanton Eye Center</i>	January 2018 Houston, TX
Grand Rounds Presentation <i>Topic: "The Foreign Body"</i>	December 2018

UTMB University Eye Center Galveston, TX

Grand Rounds Presentation October 2018

Topic: "Double Take on Double Vision"

UTMB University Eye Center Galveston, TX

Grand Rounds Presentation September 2018

Topic: "Hooked on Eye Trauma: An interesting case of Commotio Retinae"

UTMB University Eye Center Galveston, TX

Grand Rounds Presentation July, 2016

Mentor(s): Nick Mamalis, MD, and Liliana Werner, MD

Topic: "Hydrophilic Acrylic (Hydrogel) Intraocular Lens Calcification Pathology: A Hard Case"

University of Utah, Moran Eye Center Salt Lake City, UT

POSTER PRESENTATIONS

Meeting: **UTMB Ophthalmology Resident Research Day**

Date: May 2019

Topic: "Analysis of the Clinical Presentation for Giant Cell Arteritis and Mimickers in End Stage Renal Disease Patients Using Histological Evaluation"

Galveston, TX

Meeting: **4th Annual UTMB GME Quality Improvement and Patient Safety Poster Sessions**

Date: May 2019

Topic: "Enhancing Equipment Access for Ophthalmologic Bedside Procedures in the Consultation Setting"

UTMB Jennie Sealy Hospital

Galveston, TX

GRANTS/AWARDS/SCHOLARSHIPS

GRANTS:

2021 President Cabinet Award

Applicants: Jed Assam, MD, Karima Khimani, MD, Misha Syed, MD

Award Amount: \$48,830.00

2019 President Cabinet Award

Applicants: Malkit Singh, MD, Lance Lyons, MD, Jed Assam, MD, Mary Schmitz-Brown, Misha Syed, MD

Award Amount: \$39,659.01

AWARDS:

UTMB Ophthalmology Leadership Award

2021

Given in recognition of service and dedication to promoting leadership in Ophthalmology during Residency

UTMB Ophthalmology Academic Achievement Award

2021

Given in recognition of outstanding performance in ACGME Core Competencies

American Academy of Ophthalmology Artemis Award Nominee <i>Ophthalmology Residency with University of Texas Medical Branch</i>	2021
UTMB Outstanding Overall Resident Award Nominee <i>Ophthalmology Residency with University of Texas Medical Branch</i>	2021
GEM (Going the Extra Mile) Card Recipient <i>Given in recognition for extraordinary dedication to understanding clinical/surgical treatment of orbital fractures and recommending helpful surgical techniques toward optimal patient care. Awarded to an individual Going the Extra Mile in their daily work activities.</i>	2020
Glenda Adams & Danny Adams TDCJ Intern of the Year Award <i>Awarded for demonstrating work ethic, knowledge, and compassion that was consistently superior and exemplary during internship.</i> <i>Internship with University of Texas Medical Branch, Internal Medicine Department</i>	2018
Intern of the Month (November) <i>Internship with University of Texas Medical Branch, Internal Medicine Department</i>	2017
GEM (Going the Extra Mile) Card Recipient <i>Given in recognition for an individual demonstrating exemplary professional behavior. Awarded to an individual Going the Extra Mile in their daily work activities.</i>	2017
Leonard Tow Humanism in Medicine Award <i>Awarded to a single student among a medical class's Gold Humanism Honor Society inductees who best exemplifies the characteristics of integrity, excellence, compassion, altruism, respect, empathy, and service</i>	2017
Chester B. McVay Award <i>Awarded by the American College of Surgeons, SD Chapter, for excellence in surgical research</i>	2017
Gold Humanism Honor Society Inductee <i>Awarded to 15% of class recognizing display of exemplary service, integrity, clinical excellence, and compassion</i>	2016
Bethel University Deans Honor List	School Year 2008-2009, 2012
Sanford Health Employee T.O.R.C.H. Award <i>Awarded for displaying values of Trust, Ownership, Risk Taking, Caring, and Healthy in Spirit</i>	2010
SCHOLARSHIPS:	
TOA Congressional Advocacy Day Scholarship	2019
William Edwin & Anna H Wallar Scholarship	2016

Sanford Development Scholarship	2016
Edith Cole Scholarship	2015
Dr. A.A. Jordan and Kathryn H. Jordan Scholarship	2015
Winner Regional Clinic Scholarship	2015
Harry E Settles, PhD Memorial Scholarship	2014
Edith Cole Scholarship	2014
USD Sanford School of Medicine Annual Scholarship	2013

MEMBERSHIPS

Gold Humanism Honor Society, Resident Member	Fall 2017-Present
American Academy of Ophthalmology	July 2018-Present
American Society of Retinal Specialists	July 2021-Present
Space Surgery Association	May 2023-Present

TEACHING EXPERIENCE

Retina Day	January 2022 & 2023
<i>BAMC and UT Health Ophthalmology resident training B scan ultrasound</i>	San Antonio, TX
Surgical Wet Lab, Ophthalmology Skills Session	2020
<i>UTMB Resident led surgical teaching session for medical student</i>	Galveston, TX
Practice of Medicine, Ophthalmology Skills Session	2019
<i>UTMB Resident led teaching session for medical student ophthalmic skills</i>	Galveston, TX
Eye Trauma Skills Session	2018
<i>Led training course for medics/nursing of the 147th MDG, TX ANG</i>	Houston, TX
Practice of Medicine, Ophthalmology Skills Session	2018
<i>UTMB Resident led teaching session for medical student ophthalmic skills</i>	Galveston, TX
Occupational Therapy Gross Lab Student Instructor	2016
<i>OTD 340 Course, Creighton University</i>	Omaha, NE
Human Anatomy for Pre-Professionals Gross Lab Student Instructor	2016
<i>BMS 411-1 Course, Creighton University</i>	Omaha, NE
Human Neuroanatomy Student Instructor	2016
<i>CAN 630-1 Course, Creighton University</i>	Omaha, NE
USD Allied Health Neuroscience Gross Anatomy Lab Review	2016
<i>Physical Therapy and Occupational Therapy at the University of SD</i>	Vermillion, SD
Surgical Suture Skills Event	2015

Surgical Interest Group at the University of SD Vermillion, SD

Rural EMS Anatomy and Physiology Training (Respiratory and Cardiac System) 2015
*Developed and executed 2 separate classes recognized by SD Board of Medical and Osteopathic
Examiners for CME credit* Winner, SD

Gross Anatomy Lab Practice Practical's (3 Sessions) 2014
Anatomic Society at the University of SD Vermillion, SD

Gross Anatomy Lab Reviews (3 Sessions) 2014
Anatomic Society at the University of SD Vermillion, SD

USD Pre-Med Group Skills Session 2014
Vermillion, SD

EXTRACURRICULAR/ COMMUNITY SERVICE

I Care San Antonio, Retina Clinic 2021-2023
501(c) 3 non-profit ophthalmology indigent care services clinic San Antonio, TX

St. Vincent's Clinic 2018-2021
UTMB Ophthalmology indigent care services clinic Galveston, TX

"Navajo Nation Outreach" 2016
Ophthalmology outreach clinic on Navajo Reservation Monument Valley, UT

CONFERENCE ATTENDANCE

ASRS Business of Retina Meeting March 2025
Dallas, TX

Aspen Retinal Detachment Society Annual Meeting March 2025
Aspen, CO

ASRS Annual Meeting July 2024
Stockholm, Sweden

ASCRS Annual Meeting April 2024
Boston, MA

ASRS Business of Retina Meeting March 2024
Phoenix, AZ

2023 AsMA 93rd Annual Scientific Meeting May 2023
New Orleans, LA

2023 Alimera's Fellows Forum Virtual Event	May 2023 San Antonio, TX
Third Coast Retina Club Meeting	April 2023 Austin, TX
Vit-Buckle Society Annual Meeting	April 2023 Las Vegas, NV
ASRS Business of Retina Meeting	March 2023 Dallas, TX
Back to the Future Sioux Falls Symposium	February 2023 Sioux Falls, SD
23rd Annual Retina Fellows Forum	December 2022 Chicago, IL
Advances in Retina Course – Bausch & Lomb	September 2022 St. Louis, MO
8th Annual Duke fAVS Course	May 2022 Durham, NC
Aspen Retinal Detachment Society Annual Meeting	March 2022 Aspen, CO
2021 Alcon Virtual Retina Fellows Institute	October 2021 San Antonio, TX
American Society of Retina Specialists Annual Meeting	October 2021 San Antonio, TX
22nd Annual Advanced Vitreoretinal Techniques and Technology Symposium	August, 2021 Chicago, IL

FINANCIAL DISCLOSURES

Consultant Zeiss Workflow Experience - Retina <i>Zeiss Innovation Center</i>	March 2025 Dublin, CA
Consultant Ocular Therapeutix, Inc. <i>Principle Investigator - Study Retention Meeting</i>	January 2025 Kauai, HI
<i>Advisory Board Member</i>	July 2024

Online

Consultant Onmark Vision (McKesson)

Advisory Board Member

June 2024

Dallas, TX

Consultant Alimera Science

Fellows Forum Round Table

May 2023

Online