

August 2025 Student Publications and Research Summary

Key: Students have an asterisk, faculty mentors are bolded.

Publications:

- Bouchelkia I*, **Sadacharan C** (March 29, 2025) Comprehensive Quantification of Collagen, Elastin, and Glycosaminoglycans in the Human Facial Dermis: Insights From a Pilot Study. *Cureus* 17(3): e81419. doi:10.7759/cureus.81419
 - <https://www.cureus.com/articles/345217-comprehensive-quantification-of-collagen-elastin-and-glycosaminoglycans-in-the-human-facial-dermis-insights-from-a-pilot-study#!/>
- Mendoza M*, Sarpong A*, Bennett D*, Ayala M*, Tran P*, **Sadacharan C**, Tippen S. (February 13, 2025) The Berrettini Anastomosis' Morphology and "Probable Zone": A Cadaveric Study. *Cureus* 17(2): e78967. doi:10.7759/cureus.78967
 - https://www.cureus.com/articles/331228-the-berrettini-anastomosis-morphology-and-probable-zone-a-cadaveric-study?utm_medium=email&utm_source=transaction#!/
- Tran P*, Bennett D*, Mendoza M*, Sarpong A*, Ayala M*, **Sadacharan C**, Tippen S. (January 28, 2025) A Cadaveric Study of the Martin-Gruber Anastomosis Morphology. *Cureus* 17(1): e78139. doi:10.7759/cureus.78139
 - <https://www.cureus.com/articles/331434-a-cadaveric-study-of-the-martin-gruber-anastomosis-morphology#!/>
- Wilson S*, Awazi A*, Gray T*, Cooper C*, **Sadacharan C**, Mendoza M*, Ayala M*, Tippen S. (February 14, 2025) Morphometric Evaluation of the Anterior Menisconfemoral Ligament in Human Cadaveric Knees: Anatomical Variations and Clinical Significance. *Cureus* 17(2): e79013. doi:10.7759/cureus.79013
 - https://www.cureus.com/articles/336115-morphometric-evaluation-of-the-anterior-menisconfemoral-ligament-in-human-cadaveric-knees-anatomical-variations-and-clinical-significance?utm_medium=email&utm_source=transaction#!/

Research Paper published:

- Tchekryguin N A*, Neal M*, Blythe E*, Archer B*, **Sadacharan C**, Tippen S. (May 13, 2025). The Anterior Intermeniscal Ligament: A Comparative Study of Morphology in Male and Female Cadavers. *Cureus* 17(5): e84021. doi:10.7759/cureus.84021
 - [The Anterior Intermeniscal Ligament: A Comparative Study of Morphology in Male and Female Cadavers | Cureus](#)

Posters:

- Ayman AL-Zubi*, Omar Samad*, **Chakravarthy M. Sadacharan**. **Poster** presentation at the 105th Annual Meeting of the American Association for Thoracic Surgery — the most prestigious conference in the field — on his cadaveric anatomical research exploring femoral artery variations and their implications for vascular access in both endovascular and cardiothoracic procedures. Title: Assessing Limb Ischemia Risk in Peripheral Vascular Procedures: The Role of Femoral Artery Anatomy.
- Iman Bouchelkia*, **Chakravarthy M Sadacharan**. "Regional and orientation-specific variations in the facial dermis: A comparison of the forehead and nasolabial fold" poster presentation at the Society for Investigative Dermatology (SID 2025) Annual Meeting held at San Diego, CA, from May 7-10, 2025.
- Iman Bouchelkia*, **Chakravarthy M Sadacharan**. Regional and Orientation-Specific Variations in Collagen, Elastin, and Glycosaminoglycans in the Human Facial Dermis. Oral presentation at AWS Southwest Medical Student Conference, on Sunday, February 9th, on Zoom. MS2 Iman Bouchelkia*, **Chakravarthy M Sadacharan** won 1st place in the oral presentation category at the 2025 Association of Women Surgeons (AWS) Southwest Conference.
- Alfonzo E. Munoz*, Tushar Talaparthi*, Credo Djedje*, Audi Hoang*, Daniel Osayi*, Mathew Mendoza*, Raymundo A. Munoz, Salvador Pizarro, **Chakravarthy M. Sadacharan**. (2025, April). Sex Differences in Anatomical Dimensions in Colonic Sections and Their Potential Implications for Volvulus Risk: A Cadaveric Pilot Study. Poster presentation at the 66th Annual National Student Research Forum, UTMB Health, Galveston, Texas.