

# Marcus Glass

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## EDUCATION

**Texas A&M University, Mays Business School**  
*Master of Business Administration*

College Station, Texas  
August 2025

**Texas A&M University, College of Engineering**  
*Bachelor of Science Biomedical Engineering*  
GPA: 3.44/4.0

College Station, Texas  
May 2024

## EXPERIENCE

**Texas A&M University**  
*Student Researcher, Texas A&M University Cardiovascular Pathology Laboratory*

College Station, Texas  
June 2023 – June 2024

- Conducted plastic histology and Scanning Electronic Microscopy operation for data collection and pathologic analysis of medical devices for Good Laboratory Practices (GLP) and non-GLP industry partners
- Reviewed and created 10+ SOPs to ensure GLP practices and auditing compliance
- Managed and coordinated device analysis of expandable hemostat device to meet deadlines and provide valuable insights into device efficacy

**Houston Methodist Willowbrook**  
*Shadowed, Houston Methodist Orthopedic and Sports Medicine Willowbrook*

Houston, Texas  
January 2023

- Observed 6+ surgeries performed such as Shoulder Joint Replacement, ACL repair, and Meniscus repair to understand the operation and use of different medical devices during surgery
- Shadowed 18+ hours of clinical rotations where post-op evaluations occurred, providing insights into patient recovery after having medical devices installed

## Relevant Project Work

**Texas A&M University Biomedical Engineering**  
*Undergraduate*

College Station, Texas  
August 2020 – May 2024

- Researched and developed chest tube device with Quest Medical Inc. to improve patient safety, satisfaction, prevent infection, and comply with FDA regulations
- Created and assessed ability of zwitterionic material to prevent biofilm formation using FTIR and contact angle testing then analyzed by ANOVA and T-Test statistical testing
- Provided solution to the sanitization of lab coats with the use of UVC light in the Aggies Invent design competition leading to me winning 2nd place
- Participated in Biomedical Engineering Medical Device Make-a-Thon, where a more effective wireless ekg solution had been developed and proposed to a panel of judges

## LEADERSHIP & INVOLVEMENT

**Texas A&M University Student Senate**  
*Speaker*

College Station, Texas  
October 2023 – May 2024

*Constituency Affairs Chair*

March 2022 – October 2023

*Senator College of Engineering*

October 2021 – May 2024

- Represented student opinion to City Council about the “No more than 4” city ordinance leading to the largest middle housing rezoning to increase student housing availability in the College Station Community
- Coordinated the University President Survey, sent to 13,194 students, leading to a prioritization of issues the University Administration should address to better student satisfaction on campus.

## HONORS, SKILLS, & ACTIVITIES

**Honors:** Class of '80 E. King Gill Selfless Service Award Nominee for the College of Engineering, Texas A&M University Student Government Association Chief Student Leader of the Year

**Technical Skills:** Python coding, LabVIEW, SolidWorks, Microsoft Applications, Adobe Applications

**Activities:** Stakeholder Management, Conflict Resolution, Project Management, Governmental Affairs