

Amber Kowalewski

281-903-6358 | amberkowal@tamu.edu | linkedin.com/in/amber-kowalewski

EDUCATION

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

College Station, TX
August 2027

Texas A&M University
Bachelor of Science in Biomedical Engineering
GPA: 3.50/4.0
Honors: Cum Laude, Deans Honor Roll

College Station, TX
May 2026

EXPERIENCE

Medtronic & BIOTRONIK

Shadowing Experience

Houston & Waco, TX
December 2025 & February 2026

- Observed a day in the life of a CRM clinical specialist through cases and post op check-ins
- Witnessed hands on activities and learned about multiple CRM devices as they were being installed including loop recorders and pacemakers

Southwest National Pediatric Device Innovation Consortium

Senior Capstone Project

College Station, TX
August 2025 – May 2026

- Collaborated as a team of 4 alongside a physician to design and prototype a pediatric oral imaging device for telehealth applications
- Utilized SolidWorks to develop the tongue depressor subsystem and conducted mechanical testing to assess the device under applied loading conditions
- Synthesized research and findings into a technical presentation that was presented at the TAMU Engineering Project Showcase, and placed 5th out of 35 teams within the Biomedical Engineering Department

Biomedical Engineering Study Abroad

Entrepreneurial Pathways in Medical Devices

Louvain-la-Neuve, Belgium
May 2024 – June 2024

- Participated in a study abroad program, exploring the medical device innovation process from identifying unmet clinical needs through concept development and commercialization
- Collaborated with a four-member team to develop a medical device concept for cystic fibrosis patients and deliver an investor pitch presenting its value proposition and market potential

LEADERSHIP & INVOLVEMENT

TAMU Biomedical Engineering Ambassadors

Student Ambassador

College Station, TX
August 2024 – December 2025

- Informed prospective students about biomedical engineering through participating in informational panels held for freshman engineers and high school students
- Lead tours of biomedical department to recruit prospective students

Annual Medical Device Make-A-Thon

Team Member

San Antonio, TX
February 2024

- Collaborated with a team representing Texas A&M in a national competition, developing and presenting a medical device concept within a 24-hour design challenge
- Innovated a women's health medical device for endometriosis detection and placed in the top 8 on a team with two sophomores and two juniors

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python (Intermediate), SolidWorks, Microsoft Office Suite

Activities & Interests: Intramural Soccer, Taekwondo Black Belt, Traveling, Baking, and Running