

Fredrick Alexander Sanchez

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EDUCATION

Texas A&M University, Mays Business School

Master of Business Administration

College Station, TX

August 2027

Texas A&M University

B.S. in Materials Science and Engineering, Minors in Biomedical Engineering and Business

GPA: 3.6/4.0 | Honors: Cum Laude, Dean's Honor Roll, Phi Beta Epsilon Honor Society

College Station, TX

May 2026

EXPERIENCE

Eli Lilly and Company

Trial Site Intelligence & Budget Operations Intern, Trial Capabilities (CTDP)

Indianapolis, IN

May 2026 – July 2026

- Built a standardized Site Partnership Playbook with intelligence profiles for the 20 highest-activity academic medical centers, consolidating ad hoc site documents into one relational workbook feeding the team's Dashboard.
- Audited ~28K budget exception records across the NA clinical trial portfolio using custom duplicate-detection logic, surfacing ~4,300 duplicate entries (~850 groups) and ~1,600 redundant legacy records worth millions in consolidatable spend.
- Designed and deployed a governed Smartsheet BER management system replacing a legacy SharePoint process, improving efficiency by 90% and presenting the system to senior and global leadership for implementation approval.

Texas A&M University

Project Lead, Capstone

College Station, TX

August 2025 – May 2026

- Led a 4-member LANL-sponsored team characterizing flexible graphite as a thermal interface material, running 20+ DMA experiments and validating results against ANSYS simulations under real-world bolt preload conditions, identifying model underprediction trends of up to ~20%.
- Managed prototype fabrication, stakeholder coordination with faculty and LANL engineers, and all deliverables under a budget exceeding \$8,000.

Halliburton Engineering GP: IRES NSF Program

International Research Intern

Aix-en-Provence, France

May 2024 – August 2024

- Conducted renewable energy research at ENSAM (France) on silicon solidification processes for photovoltaic applications, improving efficiency by 60%. Designed and optimized a 3D furnace apparatus using CATIAv5 and Abaqus, applying CAD/FEA simulation to validate material performance.

LEADERSHIP & INVOLVEMENT

Capital Society of Texas/Capital Men's Society

CFO

College Station, TX

May 2024 – May 2025

- Managed financial operations of an 85+ member organization, overseeing budgeting, financial reporting, fund allocation, and external partner/sponsorship coordination for a ~\$110K budget.
- Implemented a transparent financial tracking system that reduced expenses by 22% and increased savings, while securing and operating the org's 501(c)(3) nonprofit status.

Texas A&M Men's Lacrosse

Treasurer/Tournament Director

College Station, TX

May 2023 – May 2025

- Directed financial management of a competitive lacrosse team, overseeing an ~\$80K budget and streamlining the budgeting process to improve transparency and long-term sustainability.
- Directed the Aggieland Classic Fall and Spring Tournaments, raising over \$45K and coordinating logistics with 8U-18U teams across Texas and neighboring states.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Financial Modeling & Analysis, Budgeting & Forecasting, KPI/Metrics Tracking, Process Mapping & Standardization, Data Interpretation & Experimental Design, Python, SQL/AI Based Analysis, Smartsheet

Activities: Material Advantage Texas A&M Chapter, Capital Men's Society/Capital Society of Texas, Texas A&M Men's Lacrosse, KANM Radio DJ Host, Run for the Roses 5K Founder (Our Lady of the Atonement)

Interests: Leadership, Management, Finance, Photography, Hiking, Reading, Travel/Cultural Exchange