

Allison Sadler

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EDUCATION

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

College Station, TX
December 2025

Oklahoma State University, Honors College
Bachelor of Science in Chemical Engineering

Stillwater, OK
May 2017

EXPERIENCE

ExxonMobil

Low Carbon Solutions MBA Intern

Spring, TX
May 2025 – August 2025

- Developed volume and cost model for Lithium Recycling through 2035 to determine the impact of recycling to the lithium mining industry

Valero Energy Corporation

Senior Process Engineer

Memphis, TN
August 2023 – May 2024

- Communicated with senior refinery leadership by presenting weekly data informed recommendations to maximize profitability of the FCC with average profitability of \$1MM/day
- Managed annual FCC catalyst budget \$25MM meeting both budget and operational targets for four years
- Collaborated cross-functionally with 2 operations teams to successfully manage 6 operating assets simultaneously
- Initiated coaching of 10+ young engineers positively impacting their productivity and contributions to organization
- Completed catalyst bid process for Cat Gas Hydrotreater Reactors totaling \$1.4 Million catalyst installation cost
- Developed scope and designed mechanical modifications for 2025 FCC/Cat Gas Turnaround comprised of >1 million manhours worked in 60 days
- Designed modifications to the FCC Flue Gas Train to increase reliability prolonging FCC run length by >6 months
- Optimized six process units daily to maximize profitability and minimize unplanned unit outages
- Developed tracking tools for 70 heat exchangers and 17 direct fired heaters to project maintenance dates
- Tracked and optimized four hydrotreaters operation to achieve desired catalyst run lengths

Operations Superintendent

July 2021 – August 2023

- Supervised Night Operations for major maintenance event on the CCR/Reformer comprised of 544,000 man hours
- Built culture of safety, environmental excellence, and mentorship, improving the knowledge and efficiency of supervised employees leading to two consecutive years of 0 recordable safety or environmental issues
- Prioritized, scheduled, and coordinated maintenance repairs for assigned assets including 800 work orders annually via SAP and P6 Scheduling
- Troubleshoot and optimized process and mechanical issues to ensure reliable operation - 0 safety events in two years
- Created weekly schedule for 16 union-based operational personnel in alignment with the CBA using Kronos
- Developed and maintained all 100 operating procedures for assigned assets to ensure safe operation during abnormal conditions
- Planned and stewarded training for 16 union-based personnel to qualify in additional unit roles

Process Engineer

June 2017 – July 2021

- Supported final project construction and initial unit startup and troubleshooting for Jet Merox Unit (\$35 Million) and LPG Merox Unit (\$18 Million)
- Designed and commissioned external downcomers on Crude Tower costing \$500K to prolong run length by 6 months

AWARDS & ACHIEVEMENTS

SEC MBA Case Competition (Vanderbilt University) – Third Place Winner

March 2025

ADDITIONAL SKILLS

Technical Skills: Microsoft Office, Adobe Acrobat, Kronos/My Timecard, SAP, Aspen HYSYS, Petrosim, Pi Processbook/Vision, Distributed Control Systems (Honeywell Experion, APACS), P6 Scheduling