



CENTER FOR MIDSTREAM  
MANAGEMENT & SCIENCE

**LAMAR UNIVERSITY**

The Center for Midstream Management and Science at Lamar University has, through an RFP process, awarded 11 Summer 2021 midstream research grants to faculty-led student teams. Grant awards, totaling \$98,000, funded research projects from multiple departments in LU's College of Engineering and the College of Business.

PI	PI Department	Project Name
Haselbach	Civil and Environmental Engineering	Life cycle synthesis for methane emissions
Tadmor	Chemical Engineering	Assessment of corrosion development
Selvaratnum	Civil and Environmental Engineering	Evaluation scale-up of algal-based water treatment system
Wu/Amer	Civil and Environmental Engineering	GIS and satellite radar InSAR for flooding risk analysis
Jeffries	Chemical Engineering	Microwave crude-water demulsifier
Lin	Chemical Engineering	External corrosion analysis for natural gas pipeline
Liu/Li/Zhou	Industrial and Systems Engineering	Dynamic analysis of LNG piping hydraulic hammer
Hamidi	Industrial and Systems Engineering	Cloud based compressor monitoring
Li	Industrial and Systems Engineering	Acoustic based machine learning to detect pipeline leaks
Sargsyan	College of Business - Finance	Analysis of midstream risk management practices in SETX
Chen	Chemical Engineering	Enhancing NGL fractionation train modeling