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LAMAR UNIVERSITY



CINDY RODRIGUEZ

Civil Engineering major

Mentor: Dr. Thinesh Selvaratnam

*Assistant Professor in Civil and
Environmental Engineering*

*STEM SURF Project in Environmental Engineering
“Biological Treatment of Produced Water”*



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CLEVELAND ELIJAH KEAL

Chemical Engineering major

Mentors: Clayton Jeffryes / James Henry
Assistant professors of Chemical Engineering

STEM SURF Project in Chemical Engineering
“Effects of copper nanoparticles on the digestive tract”



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**GRAFTON CONGER
& CINDY RODRIGUEZ**

Mechanical / Civil Engineering major

Mentor: Dr. Cristian Bahrim
Professor of Physics

STEM SURF Project in Physics
“Evaporating Enhancement System Using Sunlight”



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MASON Z. WYCZE

Civil Engineering major

Mentor: Dr. Thinesh Selvaratnam
*Assistant Professor in Civil and
Environmental Engineering*

STEM SURF Project in Environmental Engineering
*“Characterization of Algal-based EPS f
or the biosynthesis of nanomaterials”*



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AMBRIANA SYKES

Major in Chemistry

Mentor: Dr. Ozge Gunaydin-Sen
Associate Professor of Chemistry

STEM SURF Project in Chemistry

*“Studies of Ammonia Borane-Polyacrylic Acid Composites for
Hydrogen Fuel Cells”*



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MENNA ELSAKA

Major in Microbiology

Mentor: Dr. Ashwini Kucknoor
Associate Professor of Biology

*STEM SURF Project in Microbiology:
"Akkermansia muciniphila correlation with obesity
and metabolic disorders."*



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OLIVIA RIGSBY

Major in Geology

Dr. Edgardo Pujols

Assistant Professor of Geology

STEM SURF Project in Geology

*“Onset of the Sevier Fold and Thrust Belt and associated
foreland-basin sedimentation in central Utah”*



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TALON WEAVER

Major in Physics and Civil Engineering

Mentors:

Dr. Evgeny Romashets, *Instructor of Physics*

Dr. Cristian Bahrim, *Professor of Physics*

STEM SURF Project in Physics

“Forecasting geomagnetic storms generated by solar activity”