



COLLEGE OF ENGINEERING  
CIVIL & ARCHITECTURAL  
ENGINEERING

# WE ARE UNDERGRADUATE STUDENTS FOR RESEARCH LOOKING FOR

## THE RESEARCH

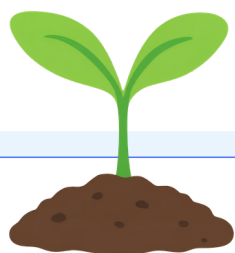
Using biochar as a sustainable soil to improve nutrient retention and soil quality. Projects focus on limestone-rich soils in South Florida.

## REQUIREMENTS

Must be willing to complete and successfully pass all required laboratory safety training. Strong attention to detail and reliability is preferred

## SCHEDULE

- Looking for Juniors or Seniors
- 4-10 hours per week, lasting Fall 2026–Spring 2027
- Goal is to identify practical biochar treatments that can improve nutrient retention and soil performance while minimizing potential environmental risks



**VOLUNTEER, PAID, AND COURSE CREDIT OPTIONS AVAILABLE.**

**GAIN HANDS-ON EXPERIENCE IN CHARACTERIZATION TECHNIQUES SUCH AS FTIR, XRD, SEM-EDS, BET AND RAMAN SPECTROSCOPY!**

Send your resume and a short statement describing your interests to Dr. Meili Liu:

**MXL2120@MIAMI.EDU**