Open position: Texas Tech/Texas A&M AgriLife Research fully funded M.S. student in climate-smart agriculture, and C and H2O cycling

**Start date:** Review of applications will begin immediately and continue until the position is filled.

**Position:** Fully funded M.S student in climate-smart agriculture, and C and H2O cycling

**Offered by:** Texas Tech/Texas A&M AgriLife Research

**Lab supervisor:** Dr. Nuria Gomez-Casanovas, Assistant Professor

**Research fields:** biogeochemistry, climate-smart agriculture

**DESCRIPTION**

The Lewis and Gomez-Casanovas Labs are seeking for an enthusiastic and highly motivated student to investigate how climate smart strategies (soil amendment with microalgae) affect the CO2 and H2O cycling of agricultural land in Texas. The successful candidate will join the Department of Plant and Soil Science at Texas Tech University under the supervision of Dr. Lewis, Associate Professor, and Dr. Gomez-Casanovas, Assistant Professor.

The successful applicant will conduct biogeochemistry-focused research using state-of-the-art techniques (eddy covariance, gas-exchange methods, and biometric methods). Ideally, the student will start in Summer or Fall 2024. This is a funded position supported by a research assistantship that includes tuition and fees, health insurance and competitive salary. The selected student will be expected to publish their work in peer-reviewed journals.

The Labs combine novel lab, field and modeling experiments in a holistic way to advance science at the nexus of Food, Energy and Environmental Security. The successful candidate will have the opportunity to join a vibrant and diverse research community promoting a culture of collaboration and cross-disciplinary research at Texas Tech University and Texas A&M AgriLife Research.

**REQUIRED QUALIFICATIONS**

- Bachelor's degree in biology or related field.
- Great written and oral communication skills
- Ability to work independently and with a team
- Clear interest in biogeochemistry

**DEPARTMENT GRADUATE PROGRAM REQUIREMENTS**

- GPA higher than 3.0 out of 4.0 (3.25 preferred)
- International students, TOEFL (internet-based test) of 85 or greater

**PREFERRED QUALIFICATIONS**

- Previous experience in a research laboratory
- Experience using eddy covariance, gas-exchange methods, and biometric methods.
- Demonstrated coursework in biogeochemistry, crop sciences and agroecology.
HOW TO APPLY

Applicants should email

1) a statement of interest (2 pages maximum)
2) a resume or CV
3) copy of GPA, and
4) names, phone numbers and e-mail addresses for three references

To: Dr. Gomez-Casanovas via email (nuri.gomez-casanovas@ag.tamu.edu) with subject line ‘MS assistantship in climate-smart agriculture, and C and H2O cycling’.

The review of candidate applications will begin immediately and continue until the position is filled. Contact Dr. Gomez-Casanovas via email (nuri.gomez-casanovas@ag.tamu.edu) for more information.