

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.