
Vacancy Notice

Title: Full-time professor

Field of Knowledge: Environmental Engineering or Chemical Engineering

Organizational Unit: School of Engineering, Department of Chemical, Food and Environmental Engineering

Primary location: Universidad de las Américas Puebla at San Andrés Cholula, Puebla. México.

URL: www.udlap.mx

Type of contract: Fixed term

Salary: Commensurate with qualifications and experience.

Fringe benefits: Health insurance, pension and retirement benefits.

Teaching load: 6-8 courses per year, depending on research productivity.

Overview of the functions of the position

The applicant will teach, conduct research and advise in his/her area(s) of expertise.

General responsibilities include:

- To teach at the undergraduate and graduate programs, in Spanish or English languages, and lead academic activities specified in the approved curricula and in the faculty bylaws.
- To provide academic support and mentoring to students.
- To participate in the Department and Engineering School activities, including meetings, committees, courses and program evaluations, and curricula improvements.
- To undertake cutting edge research in aim to contribute to the intellectual mission of the university and to the consolidation of research areas; and publish regularly (at least 1 article/year) the research achievements in indexed and recognized journals by JCR.
- To participate in multi-disciplinary research projects linked to regional, national and international government needs as well as partnerships with companies and/or recognized institutions, and respond to the grant calls to submit proposals.

Required qualifications

Education

- PhD in Environmental Engineering, Chemical Engineering, Environmental Technology, Chemical Technology, or a closely related field.
- Master's and/or Bachelor's degree in Environmental Engineering, Chemical Engineering, or a related discipline.

Work Experience

- At least 3 years of experience teaching environmental or chemical engineering courses at the undergraduate and/or graduate level. Research papers published, at least 2.
- A strong publication record in peer-reviewed journals related to environmental or chemical engineering.

Skills/Competencies

- Ability to develop and apply innovative teaching methods, including active learning and technology-enhanced instruction.

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- Ability to design, implement, and assess academic activities to ensure student learning in Environmental Engineering courses, particularly: Water and Wastewater Treatment, Air Pollution Control and Atmospheric Processes, Solid and Hazardous Waste Management, Environmental Impact Assessment and Sustainability, Transport Phenomena in Environmental Systems
- Strong research skills with the ability to conduct applied and/or theoretical research in environmental engineering. Expertise in one or more of the following areas is desired: Water treatment and resource recovery, Air quality monitoring and pollution mitigation, Waste valorization and circular economy approaches, Sustainable energy and decarbonization technologies, Environmental modeling and data-driven decision-making
- Understanding of regulatory frameworks and environmental policies at local, national, or international levels.
- Ability to secure external research funding and lead interdisciplinary research projects.
- Ability to work in multidisciplinary teams for academic, research, and consulting projects.

Languages

- Fluent Spanish and English

Desirable qualifications

Work Experience

- Experience leading or participating in funded research projects.
- Experience in course and curriculum design, particularly in alignment with ABET accreditation or equivalent.
- Familiarity with experimental and/or computational methods for environmental engineering applications.
- Active involvement in environmental engineering organizations
- Experience with sustainability initiatives, climate change adaptation, and environmental risk assessment
- Ability to adapt to new challenges and foster an inclusive and innovative learning environment.

Posting date: March 4, 2025

Deadline for application: May 16, 2025

The University will contact you as soon as the process concludes

Position to start: Fall 2025 (August, 2025)

Application instructions:

Send cover letter, curriculum vitae (CV), Copies of Transcripts and Diplomas of Bachelor, Master and PhD (documents duly legalized by the Mexican government) and three letters of recommendation with email contact for possible direct reference, to the Head of the Chemical, Food and Environmental Engineering Department,

Dr. Aarón Romo Hernández, aaron.romo@udlap.mx