
Vacancy Notice

Title: Full-time professor

Field of Knowledge: Nanotechnology and Nanoscience

Specialty: Nanomaterials Synthesis (Physical and/or Chemical), and Characterization with emphasis in the development of innovative nanotechnology-based products. Experience in Advanced Materials, Advanced Technologies and Nanomaterials applications in different fields.

Organizational Unit: School of Sciences, Department of Chemical and Biological Sciences

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 or develop artistic projects and advise in his/her area(s) of expertise. Essential responsibilities include:

- To teach between 6 and 8 courses per year, determined by research / creation activity, at the undergraduate and graduate levels and lead instructional activities specified in the approved curriculum and in the faculty bylaws. These activities include lecturing, leading seminars, individual and group tutoring, writing and grading exams, grading papers and reports, and conducting and supervising evaluation activities;
- To coordinate an Academic Area in the Nanotechnology and Molecular Engineering program;
- To participate in departmental and school activities, including meetings, committees, course and program evaluation, curriculum development, and grant preparation;
- To provide academic support and advising to students;
- To undertake cutting edge research or creation activities in order to contribute to the intellectual mission of the University;
- To participate in calls for research / creation proposals;
- To publish research or creation achievements.

Required qualifications

Education

- **Advanced university degree:** Ph.D. or MFA in Nanotechnology or Nanoscience from a recognized institution.
- **Area of expertise:** Nanotechnology and Nanoscience of Materials, with emphasis in their characterization, physical synthesis and physical, chemical or biomedical applications.

Vacancy Notice

Work Experience

- At least 2 years of relevant production of nanotechnology projects at the national and international levels.
- At least 2 years of undergraduate teaching.
- Experience in the design, synthesis and characterization of nanomaterials.
- Demonstrated professional experience in the field of expertise.

Skills/Competencies

- Ability to teach and advise undergraduate students;
- Proven ability to work effectively in a multidisciplinary and international environment;
- Capacity to build and maintain partnerships with internal and external institutions and companies;
- Ability to communicate effectively regarding technical and scientific issues;
- Excellent written and oral communication skills.

Languages

- English and Spanish, or English willing to develop Spanish skills.

Technical skills

- Full competency in characterization techniques such as SEM; XRD, Raman, and others.
- Competency to implement physical and/or chemical techniques of materials synthesis.

Applications must be sent by email no later than: April 2024

The University will contact you as soon as the process concludes

Position to start: August 2024

Application instructions:

Send cover letter, curriculum vitae (CV) and a link with recent work samples to the Academic Coordinator of the Bachelor in Nanotechnology and Molecular Engineering monica.cerro@udlap.mx