



INSTITUTE OF PHYSICAL SCIENCES, UNAM
OPEN CALL



FULL-TIME ASSOCIATE RESEARCHER POSITION

AREA: ATOMIC, MOLECULAR,
AND EXPERIMENTAL OPTICAL PHYSICS

The **Institute of Physical Sciences** at UNAM, ICF-UNAM, Mexico, invites interested individuals to apply for a full-time associate researcher position in the area of Atomic, Molecular, and Experimental Optical Physics, with a planned start date of **August 1, 2025**. The National Autonomous University of Mexico is one of the most prestigious learning and research institution in the Americas. The ICF is committed to attracting highly qualified individuals, as well as to broaden the diversity of its academic staff composition, as relevant conditions for scientific excellence and innovation. In this regard, a special call is made for female scientists and underrepresented groups in the physical sciences to participate in the process.

Job Profile

The available position is located in the area of Atomic, Molecular, and Experimental Optical Physics, for which candidates are required to demonstrate competence in one or more of the following fields: Atomic and Molecular Physics, preferably in electron-molecule, ion-molecule, and photon-molecule interactions; low-temperature plasma physics; interactions of molecular beams with lasers and electrons; spectroscopic techniques; optical and acoustic traps; and/or multidisciplinary research involving atomic, molecular, plasma physics, and optics. This tenure track appointment at the University encompasses various academic responsibilities and institutional participation.

Therefore, it is expected that the chosen individual will:

- Conduct outstanding research in the area of this call,
- Seek funding for their research,
- Advise undergraduate and graduate theses,
- Teach students at all levels of higher education,
- Participate in and, eventually, lead research projects in collaboration with established research staff both inside and outside the Institute,
- Engage in institutional activities of the ICF, particularly those that contribute to strengthening its substantive functions, as well as its commitment to equality, non-discrimination, and a violence-free environment.



INSTITUTE OF PHYSICAL SCIENCES, UNAM
OPEN CALL



FULL-TIME ASSOCIATE RESEARCHER POSITION

AREA: ATOMIC, MOLECULAR,
AND EXPERIMENTAL OPTICAL PHYSICS

Requirements

Interested individuals must meet the following requirements:

- Hold a PhD in physical sciences or a related field,
- Demonstrate two years of postdoctoral experience,
- Have a proven track record of outstanding research in Atomic, Molecular, and Experimental Optical Physics.
- Meet the following age limit: be under 38 years and 11 months if female, or under 36 years and 11 months if male, as of the date of incorporation (August 1, 2025). This is a requirement of the subprogram for integrating young career academics at UNAM (SIJA).

Additionally, the following qualities will be considered highly desirable:

- Demonstrate international collaboration experience,
- Have a high degree of initiative and potential to manage national and international funding resources,
- Show interest in training and participating in activities related to equality, non-discrimination, and a violence-free environment at the ICF.

Application Process

To be considered in the selection process, applicants must submit the following documentation:

- A cover letter and motives,
- A Curriculum Vitae with academic profile,
- A research project on the indicated topics, to be completed in no more than 5 pages,
- A teaching proposal of no more than 2 pages, and
- Three letters of recommendation sent directly by the recommenders to the Academic Secretariat of ICF-UNAM.

Applicants must submit their complete applications by the deadline of **April 21 at 23:59**, Mexico Central Time, to the following email address:
secacademica@icf.unam.mx.



INSTITUTE OF PHYSICAL SCIENCES, UNAM
OPEN CALL



FULL-TIME ASSOCIATE RESEARCHER POSITION

AREA: ATOMIC, MOLECULAR,
AND EXPERIMENTAL OPTICAL PHYSICS

Selection Process

An ad hoc committee, trained in selection processes focused on equality and non-discrimination, will review the applications and define a preselection of 4 to 5 candidates, who will be interviewed with a seminar based on their work plan. The selection will take into account excellence in research, teaching experience, ability to utilize available infrastructure, and alignment with the development goals of the Institute. This procedure does not constitute an Open Opposition Contest, and the final decision will be unappealable. The Institute has a policy for reducing the gender gap and diversifying its academic staff, so once compliance with the job profile and a high-quality threshold defined by the ad hoc committee is verified, affirmative measures will be taken to select the profile that best contributes to the equitable, diverse, and inclusive composition of the academic community, as a key element for innovation and academic excellence.

Equality and Non-Discrimination

The Institute of Physical Sciences is a space that recognizes plurality, diversity, and parity as constitutive principles of university ethics and academic excellence. Therefore, it is committed to ensuring the full exercise of the right to equality and non-discrimination in the context of this academic selection process, as well as to preventing and addressing through the appropriate institutional channels any form of discrimination based on gender and for any other reason, as well as any form of violence, including gender-based violence.

More Information

For more information and to submit applications, please contact the Academic Secretariat of the Institute at the email address secacademica@icf.unam.mx.