

Position of Academic Technician

The Institute of Physics of the National Autonomous University of Mexico (UNAM) invites applications to fill an academic position equivalent to the category Associate Academic Technician level "C", to work in the laboratory:

Cold Atoms and Quantum Optics.

The successful candidate will carry out research support duties, such as laser light manipulation in precision atomic spectroscopy arrays, handling of control electronics, inventory control, and student supervision and mentoring.

Requirements:

Candidates must:

- a. Have a solid background in Physics, preferably with a PhD degree in Physics or related areas.
- b. Be under 39 years of age for women and 37 years of age for men at the time of appointment.
- c. Have proven experience in: (1) Handling of control electronics and (2) Handling of precision atomic spectroscopy arrays with laser light.
- d. Preferably have experience in handling vacuum technology.
- e. Have extensive experience in contemporary atomic physics and/or quantum optics.

The main selection criteria will take into account (i) the academic achievements of the applicants according to the category of Associate Technician level "C", (ii) their potential to carry out specialized support in the above mentioned areas, (iii) their ability to actively participate in the tasks performed in the above mentioned laboratory, as well as to be involved in institutional work.

Applications must be submitted via the portal

https://olimpo.fisica.unam.mx/plazas_tecnicos

and should include:

1. Letter of application addressed to the Director of the Institute of Physics of UNAM, Dr. Mercedes Rodríguez Villafuerte.
2. A detailed curriculum vitae.
3. Contact details of at least two references, who will be asked via email for letters of recommendation.

All applications should be received by abril 26nd, 2024.

The Selection Committee will analyze the received documentation and will invite outstanding applicants for an interview. The interview will focus primarily on two aspects: (1) to know in detail the projects they have carried out during their academic/occupational career and their ability to tackle new problems; and (2) to evaluate their knowledge of atomic spectroscopy techniques, control and vacuum techniques, and quantum optics.

The position can begin as early as August 1st, 2024. Salary and benefits of the successful candidate will be those established by UNAM for a position as Associate Academic Technician level "C". Initial contracts are for periods of one year, with the possibility of leading to a permanent position.

It should be noted that the present procedure does not constitute a so called "Concurso de Oposición Abierto" in terms of the UNAM Academic Staff Statute and, therefore, the decision will be final.

The Institute of Physics at UNAM is particularly interested in applicants who contribute to the diversity, gender equality, inclusion and excellence of our academic community through research, teaching and service as appropriate to the position.

For further information, please contact:

Dr. Saúl Ramos Sánchez
Secretary of the Selection Committee
E-mail: plazas@fisica.unam.mx

Prof. Mercedes Rodríguez Villafuerte
Director
Institute of Physics, UNAM
Ciudad Universitaria, Mexico City, January 22nd, 2024