

Center for Scientific Research and Higher Education of Ensenada (CICESE), Mexico

CICESE (Centro de Investigación Científica y de Educación Superior de Ensenada, Baja California) is the largest of the research centers of the Mexico's National Council for Science and Technology (CONACYT). It is located in Ensenada, in the State of Baja California, Mexico. The Ensenada area is a growing academic cluster of research institutions, surrounded by an expanding array of high technology companies. CICESE offers M.S. and Ph.D. degree programs in areas related with Earth Sciences, Oceanology, Applied Physics and Experimental and Applied Biology.

The Division of Applied Physics of CICESE, through the Department of Electronics and Telecommunications, invites applications from well-qualified candidates for a tenure tracking faculty position in the field of Alternative Energies.

We are seeking individuals at the assistant, associate, or full professor level who can conduct leading-edge research and teach at the graduate level. Applicants must have earned a doctorate degree in a related area and have excellent scientific skills in some of the following areas:

- a) Thermodynamics, fluid dynamics, optical phenomena, chemistry and ocean and weather processes related to alternative energies.
- b) General knowledge of chemical and biological sciences, and engineering related to the generation, distribution and control of alternative energies.
- c) Experience in the design and operation of devices that transform renewable energies (solar, wind, oceanic, chemical or biological) to make them directly useful.

Candidates should have a PhD degree in the areas of physics, chemistry, electrical or mechanical engineering and a strong record of research and scholar activity, and a commitment to teach and supervise MSc and PhD students. Leadership and good communication skills are required. Individuals with an experience in national/international academic or industrial collaboration are encouraged to apply. Applicants with a proven success in attracting external funding, publishing scientific papers, and/or with experience in leading research projects are preferred.

Teaching is an integral part of the position and teaching at the graduate level is expected. The applicant must also be able to define and integrate graduate students into research projects. Generosity, a sense of adventure, and the ability to appreciate good design is also expected. The successful candidate may start to teach in English but should be willing to switch to Spanish after two years.

Salary and Benefits

A competitive salary, according to qualifications and experience, will be offered. CICESE provides a comprehensive fringe benefit package including medical care, two weeks of vacations in summer season and three weeks in winter season, an economic bonus according to his/her the productivity and a guaranteed pension plan.

Application materials should include: a) a free format intention letter, b) proposal of research and teaching objectives, c) full curriculum vitae, d) two reference letters, and e) copies of the most relevant scientific products. A personal (or virtual) interview will be required as part of the selection process. Review of applications will begin on May 1st 2013 and will continue until the position is filled. Interviews will start after July 31st 2013. The selected candidate will be expected to take-up the job shortly after selection has been made.

Inquiries regarding the position and applications (electronically or otherwise) should be sent to:

Professor Ricardo Chávez Pérez
Head of the Electronics and Telecommunications Department

Mexico address:

Carretera Ensenada-Tijuana No. 3918
Zona Playitas
Ensenada, B.C., 22860
México.

[Email: chavez@cicese.mx](mailto:chavez@cicese.mx)

US mailing address:

PO Box 434944
San Diego, CA 92143-4944
USA

<http://www.cicese.edu.mx/>

