



## **LECTURER-RESEARCHER POSITION IN CERAMICS SCIENCE AND ENGINEERING**

The Ceramic Engineering Group at Cinvestav Unidad Saltillo is actively seeking applications for a lecturer-researcher position. This full-time position offers an appointment level commensurate with the qualifications and experience of the successful candidate. The selected candidate will be responsible for teaching postgraduate level courses and overseeing research projects from students at both M.Sc. and Ph.D. levels.

In addition to fulfilling these academic responsibilities, the selected candidate is anticipated to enhance the existing capabilities of the group and establish the groundwork for innovative and pertinent research in ceramic materials.

### **QUALIFICATIONS:**

We are seeking to recruit a Junior researcher, who embody qualities such as self-motivation, a flair for discovery, and excellent teaching and mentorship skills. Candidates should also have a successful academic track record of authoring grant proposals and publishing research in well-respected journals, as well as collaborative and leadership attitudes. A Ph.D. in ceramics engineering, materials engineering, or a related field pertinent to the position, is a prerequisite. Prospective candidates must also have a solid foundation in ceramics science and engineering, coupled with a demonstrated interest in pioneering scientific research, technological development, and innovation in these fields. Research areas considered for this position include, but not restricted to, glass and glass ceramics, advanced and traditional structural ceramics, electroceramics, bioceramics, and ceramics additive manufacturing.

The successful candidate is expected to establish and maintain active sponsored research programs, deliver core postgraduate courses, and/or create new ones aligned with his/her research expertise. Proficiency in English is a must, and Spanish is highly desirable. The tentative start date for the position is June 2025, and the screening of applicants will begin immediately upon publication of this advertisement until March 2025.

### **ABOUT CINVESTAV UNIDAD SALTILLO:**

The Unidad Saltillo of the Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional (Center for Research and Advanced Studies of the National Polytechnic Institute), Cinvestav, has earned national and international acclaim for its outstanding academic standards and the societal and industrial significance of its research initiatives. The campus is equipped with cutting-edge facilities and laboratories for materials analysis, testing and fabrication.



The Institution is located 14 km from Saltillo, the capital city of the state of Coahuila de Zaragoza in Northern Mexico, and about 300 km south of Laredo, Texas. The city and its metropolitan area are renowned as a prominent manufacturing hub, excelling in commerce, communications, and the production of both traditional and modern products. Notably, it houses numerous plants dedicated to the steel, aluminum, automotive, and aerospace industries.

Cinvestav Unidad Saltillo employs 120 people, has graduated over 1000 postgraduate students, and currently houses over 200 Ph.D. and M.Sc. students, providing a unique interdisciplinary environment. Collaboratively, the community engages in a broad spectrum of scientific and technological innovations across disciplines such as Ceramics and Metallurgical Engineering, Robotics, Advanced Manufacturing Engineering, as well as Sustainability of Natural Resources and Energy.

The Ceramics Engineering Group, currently consisting of 11 senior scientists, actively participates in M.Sc. and Ph.D. programs. The group contributes significantly to the academic and research endeavors of Cinvestav Unidad Saltillo, further enhancing its reputation for excellence.

### **HOW TO APPLY:**

Candidates must submit:

- A one-page resume.
- A detailed *curriculum vitae* and a statement of up to 3 pages articulating their research and teaching interests and objectives.
- The names, positions, and email addresses of four references.
- Copy of an official identification document.

All application materials should be forwarded to Dr. Gregorio Vargas Gutiérrez, Academic Dean for the Ceramic Engineering Group, at the following email address: [gregorio.vargas@cinvestav.edu.mx](mailto:gregorio.vargas@cinvestav.edu.mx)

For more information please dial: +52 8444389600 Ext. 8626

### **ETHICS STATEMENT:**

Cinvestav is an Affirmative Action/Equal Opportunity Employer, committed to fostering a culturally and intellectually thriving environment.