



## FACULTY POSITION

### Nanoscience Research Laboratory

The Nanoscience Research Laboratory (NRL), Pontificia Universidad Católica Madre y Maestra, Santiago, Dominican Republic, invites outstanding applicants for a faculty position in the field of Materials Science and Engineering, in particular in nanocarbon materials. Successful applicants will be expected to develop an independent, extramurally funded, internationally recognized applied research program and to supervise undergraduate student research. Commitment to teaching at the undergraduate level, in Spanish, will be highly appreciated.

Candidates should have a PhD degree in Materials Science, Applied Physics, Physics, Electrical Engineering, Chemical Engineering, or closely related disciplines, an outstanding record of original research, the capability to lead an independent research group, and experience in supervising undergraduate students. While all relevant areas will be considered, priority will be given to candidates with research interests in sustainable energy or innovative healthcare solutions.

NRL is a newly established laboratory dedicated to the research on functional nanocarbon materials for energy and environment, healthcare, electronics and information technology, transportation, nanofabrication, and security. It counts on several synthesis systems, multi-wavelength Raman spectroscopy system, and scanning probe microscope.

Interested candidates should submit application materials electronically to Dr. Fabrice Piazza at [fpiazza@pucmm.edu.do](mailto:fpiazza@pucmm.edu.do). Each application should include: a cover letter, a curriculum vitae, a statement of research (of up to five pages), a teaching statement, and the names and contact information for three to five references.

The position will remain open until **April 30, 2016**. Only the shortlisted candidate will be notified.



**PUCMM**  
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## RESEARCH ASSOCIATE

Department of Chemistry

Northwestern



The Department of Chemistry at Northwestern University is seeking applications at the Research Associate level for the Advanced Instrumentation Systems Core. The successful applicant will be expected to design and build electronics systems, perform programing needed to interface individual components to more complex systems, and maintain research instrumentation. Extensive troubleshooting and LabVIEW programing experience is required.

This position supports multiple faculty members using femtosecond laser spectroscopy, ultrahigh vacuum systems, scanning tunneling microscopy, surface science experiments, and electron spin resonance spectroscopy. The individual is expected to be self-motivated, independent, and excel in a fast-paced environment. For more information on the position, consult <http://imserc.facilities.northwestern.edu/elsc/aisc-open-position/>.

Interested individuals should send a CV along with the names of three references to [a-ott@northwestern.edu](mailto:a-ott@northwestern.edu).

*Northwestern University is an equal opportunity, affirmative action educator and employer.*

## FACULTY POSITIONS



### State Key Laboratory of Metastable Materials Science and Technology

The State Key Laboratory of Metastable Materials Science and Technology (<http://mmlab.ysu.edu.cn/>) of the Yanshan University (<http://www.ysu.edu.cn/>), Qinhuangdao, China, invites applications for **multiple faculty openings at all ranks**. Highly qualified candidates are also encouraged to apply for various distinguished faculty positions, including the Changjiang Scholarship, the Jieqing Scholarship, and the Qianren Professorship from the central government. Areas of special interest include:

- 1) the synthesis, characterization, and structure/property relations of nanostructured materials;
- 2) bulk metallic glasses;
- 3) radiation effects in nanostructured materials; and
- 4) materials for energy generation, storage, and conversion.

A doctoral degree in materials science and engineering or a related field is required, and postdoctoral experience is preferred. Candidates for senior positions are required to have a strong track record of innovative research, high-quality publications, and leadership and high standing in the academic community.

To apply, submit the following to [tdshen@ysu.edu.cn](mailto:tdshen@ysu.edu.cn): 1) a resume with publications listed and the times cited for each publication, 2) research plans, 3) teaching interests, and 4) a list of three references.

The review of applications will begin on **March 31, 2016**. Applications will continue to be accepted until the positions are filled, but no later than December 31, 2016.

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