

The Crystallization Design Institute (CDI) at the University of Puerto Rico is hiring a post-doctoral researcher. The CDI is focused on seeking molecular and engineering solutions for materials design, solid form discovery, and crystallization processes of organic molecules. We have an interdisciplinary research environment where engineers, chemists, material scientists, biologists, and pharmacists work together to address important and unmet manufacturing/processing needs based on fundamental understanding and to translate the knowledge into practical approaches to improve quality of life. See the CDI website for more information: <https://cdiupr.weebly.com>.

We are seeking a talented postdoctoral researcher to do exciting and creative research, especially in the field of process intensification and compact processing of pharmaceuticals. We expect the postdoctoral researcher to do high impact research, which can contribute to the science community in form of publications and conference contributions. The successful candidate will benefit from excellent scientific and collaborative environment as well as the state-of-the-art research facilities at the Molecular Sciences Research Center of the University of Puerto Rico in San Juan, Puerto Rico. In addition to mentorship, the CDI provides guidance in professional development, including workshops focused on grant writing, career development, networking and job searching within and outside of academia. The position offers an excellent benefits package with a competitive salary, and a beautiful working and living environment.

The ideal candidate must have or be expecting a PhD in Engineering, Chemistry, Materials Science, Pharmaceutical Sciences, or a related field, and a strong publication record (3-5 publications in reputable peer-reviewed journals). The position works as a 1-year appointment, and contingent upon satisfactory annual reviews, the position can be extended for up to 3-years.

Description of the positions:

The postdoctoral researcher will design and execute experiments related to a research project funded by the National Aeronautics and Space Administration (NASA). The goals for the position are to build and successfully execute an exciting, independent project within the research program through collaboration with the principal investigators, lab members, and project collaborators including researchers from the NASA Ames Research Center and Johnson Space Center as well as the University of Liege in Belgium. The postdoctoral researchers will be expected to be aware of the most recent updates in the research fields and will discuss research results and findings with supervisors in individual meetings and group meetings. The postdoctoral researchers will report the research outcomes under the guidance of supervisors. At the same time, the postdoctoral researcher will be highly encouraged to work on high-risk, high-return research ideas.

To apply, please email your cover letter, curriculum vitae including the name of three references, which will be contacted, and a brief write up on past research, addressed to Drs. Vilmalí López-Mejías & Torsten Stelzer, Co-Directors of CDI, at CrystallizationDesignInstitute@gmail.com.