

## Advertisement #3

### Search for a Post-Doctoral Fellow to Work on Nano-Colloids Formulations

#### Job Description:

The Interdisciplinary Research Center for Hydrogen and Energy Storage (IRC-HES) at KFUPM is seeking an outstanding and motivated candidate for the position of Post-Doctoral Research Associate (PDRA) to support R&D activities in the field of colloidal materials. The PDRA will perform research in the focus areas of colloidal materials for redox flow systems, functionalization of nanoparticles, and development of nano-colloid formulations. The role involves designing and evaluating novel colloidal nanomaterials. Knowledge of various analytical techniques relevant to colloidal chemistry particularly the redox flow system is essential. In addition, hands-on experience within external stimuli-responsive formulations and surface-active agents would be an advantage. Responsibilities include advancing the state of knowledge, publishing high-impact papers, and driving innovation in the above-mentioned focused areas.

You will be working closely with other team members at IRC-HES in the development of novel materials and processes for energy storage applications.

Eligibility: We would expect you to have a PhD in Chemistry/Material Science/Chemical Engineering with an excellent publication record in the required field. Applicants who graduated from top-ranked universities in the QS world ranking are particularly welcome.

Informal email enquiries prior to making an application are welcome, in which case, please contact Professor Zain Hassan Yamani ([zhayamani@kfupm.edu.sa](mailto:zhayamani@kfupm.edu.sa)).