

## ***Saudi Basic Industries Corporation***

### ***Material Scientist/Engineer Position***

The Exploratory Research Group located within SABIC's Corporate Research and Development (CR&D) in Sugar Land, TX is actively seeking a PhD Material Scientist (Chemist or Engineer) with a background in mixed metal oxide synthesis and characterization as well as in the use of these materials in electrochemical devices (ion transport membranes, batteries and fuel cells). The preferred individual should have completed at least one post-doctoral study or have 1-5 years of experience in an industrial research setting. Hands-on experience in preparing complex inorganic compositions, forming them into usable dense films or disks, evaluating the electrochemical and transport properties of the resulting structures as well as using techniques such as electrochemical impedance spectroscopy (EIS), dilatometry, scanning electron microscopy, x-ray diffraction, density measurement, gas chromatography and other techniques related to material synthesis and characterization is required. A demonstrated track record of scientific achievement as evidenced by publications and presentations plus good written and oral communication skills are a must. The selected candidate will need to be a U. S. citizen or have a 'green card'.