

## **IRSHAD HUSSAIN**

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### **Education**

- Ph.D. University of Liverpool, U.K.
- M.Sc. Quaid-i-Azam University, Islamabad, Pakistan.
- B.Sc. Govt. College, Bosan Road, Multan, Pakistan.

### **Research Interests**

Nanotechnology – Nanomaterials synthesis and applications

### **Professional Experience:**

- I. **May-August 2011.** Visiting Professor at Department of Materials Science & Engineering, EPFL, Switzerland.
- II. **May-Aug 2010.** Visiting Scientist at Department of Chemistry, University of Massachusetts, Amherst, MA; conducting research to explore the applications of fluorescent gold clusters and nanoparticles-enzyme assembly at water/oil interface.
- III. **July-Aug 2009.** Visiting Scientist at Department of Chemistry, University of Massachusetts, Amherst, MA; conducting research to explore the applications of functionalized metal nanoparticles in gene/drug delivery.
- IV. **May-July 2008.** Visiting scientist at Centre for Nanoscale Science and High Throughput Materials Discovery at Department of Chemistry, University of Liverpool, UK, to develop new materials using metal nanoparticles as building blocks.
- V. **2008 - to date.** Faculty member and now Chairman of Department of Chemistry at LUMS School of Science & Engineering (SSE) D.H.A., Lahore Cantt - 54792.
- VI. **2005-08.** Project Director, Nanobiotech project at NIBGE, Faisalabad, Pakistan.
- VII. **2004-2005.** Senior Research Associate, Department of Chemistry, The University of Liverpool, UK.
- VIII. **2001-2008.** Senior Scientific Officer, National Institute for Biotechnology and Genetic Engineering (NIBGE), PAEC, Faisalabad.
- IX. **1997-2001.** Scientific Officer, National Institute for Biotechnology & Genetic Engineering (NIBGE), PAEC, Faisalabad.
- X. **1996-1997.** Computer Trainee Fellow at Computer Training Center, Pakistan Atomic Energy Commission (PAEC), Islamabad.
- XI. **1995-96.** Lecturer of Chemistry at Govt. Degree College Farid Abad, Toba Tek Singh, Punjab, Pakistan.