Roles in UPSIGN: Deputy Chairman (from Dec 31 2017), core group member and energy research lead.

Name: Dr Ihtesham ur Rehman
Title: Reader in Biomaterials and Tissue Engineering
Employer: University of Sheffield, UK
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Track record of UK-Pakistani engagement or future aspirations for UPSIGN:

- Founder and Executive Director: IRC in Biomedical Materials, CIIT, Lahore
- Established Pakistan – UK Fellowship Programme at the University of Sheffield
- Supported Pakistani PhDs and PDRAs on study visits to my lab
- Given numerous talks to Pakistani Universities
- Visiting Professor at 1- King Saud University (2013–15), 2- King Faisal University (2016), 3- University of Health Sciences, Pakistan
- Run a number of workshops for Pakistani researchers
- Developing capacity for Biomaterials and Regenerative Medicine in Pakistan
- co-founder member of UPSIGN

Professional Biography:

Throughout my career, I have taken on and excelled in a number of important management roles in teaching and research. At present, I am Director of Postgraduate Studies, Director of Biomaterials and Regenerative Medicine, and Director of materials Science and Engineering teaching programmes.

I am Founder and Executive Director of Interdisciplinary Research Centre in Biomedical Materials (IRCBM), CIIT, Lahore – only of its kind in Pakistan.

Previously at QMUL, I was responsible for the management of the entire departmental teaching. I have been Director of Studies, Director of Postgraduate Studies, Director of Dental and Biomaterial Taught Programmes, Quality Manager of the IRC in Biomedical Materials, Programme Director for MBA and MSc programmes in the Department of Materials Science and Engineering.

I have vast experience of Quality Assurance and Enhancement (QAE) including subject reviews, accreditation documents, as I have been member of both the faculty and academic boards of QMUL for more than 6 years. In addition, I have more than 14years' experience of developing and implementing a quality system accredited and registered for ISO9001 and ISO17025. I was the first person to establish, implement and regulate an ISO9001 and ISO17025 accredited quality system in an academic institution, the only system of its kind in Europe. It covered the quality control, enhancement, and training of staff and research students.

My research has been centered on the development of synthetic inorganic bone analogue materials and characterisation of natural tissues, including hard and soft tissues and covers three themes; 1- Dental Materials, 2- Biomaterials and regenerative Medicine and 3- Biospectroscopy and Bioimaging