

Dr. Ishrat Bano, Ph.D.

(ib296@yahoo.co.uk), (Ph: 07378 345748)

Education

Ph.D. University of Cambridge /Quaid-I-Azam University
Major Field: Biotechnology

Entrepreneurial Skills development Studies,
Judge Business School, University of Cambridge, UK, 2011

M.Phil. Quaid-i-Azam University, Islamabad, Pakistan (2008)
Major Field: Microbiology

M.Sc. Quaid-i-Azam University, Islamabad, Pakistan (2006)
Major Field: Biological Sciences

Executive Coaching and Mentoring
Institute of Continuing Education, University of Cambridge UK, 2016

Awards and Honors

- **Global Thinkers Forum Mentor (2018- till date)**
- **Queen's Young Leaders Program, UK 2015-2018**
- **United Nations, Keynote speaker at Science, Technology & Innovation Forum, 2016**
- **Top 15 Most Inspirational Asian Women Award, (Asian Voice), 2014**
- **TED Finalist 2014**
- Stevie Award for Jury member 2014-2020
- **Asian Women of Achievement Award 2013**
- Schlumberger Foundation Fellowship 2013
- **World Bank Fellowship Dec, 2012**
- EPSRC (Engineering and Physical Sciences Research Council, UK) funded Entrepreneur Learning Programme (Ignite) July, 2011 (Judge Business School, University of Cambridge)
- EPSRC (Engineering and Physical Sciences Research Council) UK, funded project "Pathway to Impact" 2011
- Einstein Young Scholar Award, Germany 2010
- Robert Bosch Sifting Fellow, Germany 2010
- Euro Science Open Forum 2010, Torino, Italy
- Participant of 60th Nobel Laureate Meeting 2010, Lindau, Germany
- **Certificate of Excellence 2009, Pasteur Institute, Paris, France**
- **UNESCO-L'Oreal Fellow 2009**
- Merit Scholarship in 1st, 2nd, 3rd and 4th Semester M.Phil.2006-08

- Higher Education Commission, Pakistan Scholarship (2008 Batch IV)
- Nobel Laureate Meeting, March 2007 Islamabad, Pakistan.
- Pakistan Merit Scholarship 2004

Professional Experience

- **Independent Educational Consultant (2018-present)**
- **Boston University, (Biomedical Engineering), USA**
(Global Program Adviser/ Postdoctoral Research Associate) (2015-2017)
- **Harvard Medical School, Harvard University (USA)**
Postdoctoral Research Fellow (2013- 2015)
- **University of Cambridge, UK**
The Queen's Young Leaders Program Advisor (2014-2018)
- **University of Cambridge, UK**
Research Fellow (2009 –2013)
- **Quaid-I-Azam University (2005 –2007)**
Research Associate

Presentations and Conferences

- Global Thinkers Forum panel discussion on International women's day (2018), UK
- Poster Presentation Consortium of Universities for Global Health (CUGH) 2016, San Francisco, USA
- United Nations Keynote Speaker at Science, Technology & Innovation Forum, 2016
- Invited Lecture on Global health for developing countries, 2015, Tanzania
- Poster Presentation (Consortium of Universities for Global Health ,CUGH) 2014, USA
- Talk: Would Marie Curie have succeeded today, 2012, The Royal Society, UK
- Oral Presentation on “pH Dependent Nucleation and Agglomeration/Morphology of nanocrystalline TiO₂-Ag” at University of Cambridge, 2011. UK
- Berlin Falling Wall Conference 2010, Berlin, Germany
- Euro Science Open Forum 2010, Torino, Italy
- 60th Nobel Laureate Meeting 2010, Lindau, Germany
- UNESCO-L'Oreal Fellowship 2010, Paris, France
- Workshop 2010, Pasteur Institute, France
- UNESCO-L'Oreal Fellowship 2009, Paris, France.
- UNESCO-L'Oreal Workshop 2009, Paris, France.

- L’Oreal UK-Ireland Fellowship award ceremony at Royal Institution Great Britain, London. July 2009
- Workshop on Presentation Skills, University of Cambridge, UK. 2009
- Poster Presentation “Challenges in composite materials: from Nanotechnology to life sciences”
University of Cambridge, UK 2009
- Oral Presentation on “Nanomedicine. The use of Nanoparticles in medical diagnostics, Comstech,
Islamabad. March 2008
- Oral Presentation “Effect of Nanoparticles on Environment” 2nd International Conference Environmentally
Sustainable Development (ESDev) Comsats Abbot Abad, Pakistan Aug 2007.
- Seminar on Effect of Pollution on Water Quality NARC Islamabad, Pakistan. June 2007
- Poster Presentation “Staphylococcus Resistance for various antibiotics”
- 6th International Conference of Microbiology held in March 2007 Islamabad.
- Regional Symposium on innovation capacity building, (ISESCO, PNCU) Islamabad. Jan 2009
- Nobel Laureates Meeting, Islamabad, Pakistan. March 2007
- Workshop on Nanotechnology held in Comstech, Islamabad, Pakistan.
- Bahria-HEC Workshop on Clinical Research, HEC, Islamabad. Nov 2007
- Participated in conference on recent development Fluid mechanics, QAU, Islamabad, Pakistan. July 2007
- Training Seminar on Biosafety. NARC. Islamabad, Pakistan. 2007
- Workshop on basic life support & first aid, PIMS, Islamabad. Dec 2005.
- 2nd Prize essay writing P.I.E.A.S. NILORE 2004.
- Attended workshop on JAPAN. Karachi, Pakistan. Jan 2001

Media Coverage

- <http://qyl.ice.cam.ac.uk/be-a-mentor/mentoring-queens-young-leaders-our-stories/ishrat-bano-being-open-to-ideas>
- **Invited to 10 Downing Street by Samantha Cameron for Asian Women of Achievement Award 2013**
- <http://globalthinkersmentors.org/dr-ishrat-bano>
- <http://www.cambridge-news.co.uk/Business/Business-News/Researcher-in-line-for-national-award-20130410113054.htm>
- <https://www.empowerwomen.org/en/community/people/c4fa0e22-c215-497b-a2e5-aa90b70ee000/Dr-Ishrat-Bano>
- https://issuu.com/abpl/docs/av_8march2014/17
- <http://awa.realbusiness.co.uk/2013-shortlist>
- **Interviewed on BBC Sue Dougan Show 2013**
- <http://stevieawards.com/pubs/newsletters/October182013.html>
- http://www.facultyforthefuture.net/sites/all/files/biographies/FFTF%202012_Ishrat%20BANO.pdf
- <http://www.hec.gov.pk/InsideHEC/Divisions/HRD/Scholarships/Stories/Pages/IshratBano.aspx>

- http://www.unesco.org.uk/four_of_the_2009_unesco-Poreal_international_fellowships_winners_to_study_at_uk_institutions
- <http://www.diversitycareers.com/articles/pro/09-junjul/newsviews.htm#and>
- http://www.loreal.com/_en/_ww/index.aspx?direct1=00008&direct2=00008/00003&direct3=00008/00003/00002&direct4=00008/00003/00002/00011&direct5=00008/00003/00002/00011/00003/00003
- http://portal.unesco.org/science/en/ev.php-URL_ID=7455&URL_DO=DO_TOPIC&URL_SECTION=201.html
- <http://www.msm.cam.ac.uk/djf/people/ishrat%20bano.html>
- <http://blogs.scientificamerican.com/news-blog/because-theyre-worth-it-15-women-re-2009-03-06/>
- http://www.youtube.com/watch?v=MQ0-ckvA_5M
- <http://www.youtube.com/watch?v=NQg8pPDm29s>
- <http://www.flickr.com/photos/cfel/5956864107/in/set-72157627238538514>

Board of judging Committees

- Stevie Award for Women in Business, New York, USA
- Stevie Award for South Asia, Asia
- Queens Young Leaders Program, UK
- Asian women of Achievement Award, UK

Reviewer of Scientific and Scholarly Journals

- East African Journal of Public Health
- Ionics
- Nanomedicine
- Journal of Nanoparticle Research (JNR)
- Journal Of Medical Microbiology (JMM)

Services

- Association for Women in Science (AWIS): (St. Louis Chapter) 2013-16
- Science Education Outreach, (Boston, MA): Volunteer 2013-14
- Young Scientist Programme (University of Cambridge, UK) 2012
- Arthur Rank Hospice, Cambridge, UK : Volunteer 2011
- Quaid-I-Azam University Literary Society: President 2006

References

• Professor R V Kumar

Department of Materials Science & Metallurgy
University of Cambridge CB3 0FS
Ph: + 44 1223 334327
Email: rvk10@cam.ac.uk

• Professor Julia King CBE, DBE, FREng

The Baroness Brown of Cambridge
House of Lords
London SW1A 0PW
Email : kingjb@parliament.uk

