

## JULIAN R. JONES

PhD DIC MEng (Oxon.) FIMMM FACerS

**Professor of Biomaterials** Department of Materials, Imperial College London, London UK

[www.imperial.ac.uk/people/julian.r.jones](http://www.imperial.ac.uk/people/julian.r.jones)



**D.O.B.:** 2<sup>nd</sup> March 1977;      **Nationality:** UK      **Publications:** 119 peer reviewed (h index 35, patents 4)

**Proposed ESB Council role:** Keen to help maintain and increase visibility of Biomaterials, ensuring it is a priority on European R&D strategy, including encouraging more industrial involvement in our society. We must build on our successful YSF and increase outreach programmes, I believe my position on other international committees would help in these goals: I chair the Biomedical Glass Technical Committee within the International Commission on Glass (ICG), where we promote biomedical glass activities internationally, focusing on collaboration and outreach activities (e.g. a dedicated YouTube channel). I was also elected to the ICG's new Young Professionals Steering Group. The American Ceramics Society recently launched a Technical Interest Group (TIG) on Bioceramics, of which I am the co-champion. The goal of the TIG is to unite industry and academia - a similar structure would benefit ESB members and facilitate H2020-like proposals. I also sit on the UKSB Council.

**FIELDS OF INTEREST:** Advanced materials that guide tissue regeneration or provide therapeutic treatment. Bioactive porous scaffolds; bioactive glass; 3-D printing of advanced “inks”; inorganic/organic hybrids; sol-gel; therapeutic silica nanoparticles; cellular response to biomaterials. He has worked with key industrial partners such as GSK (Sensodyne toothpaste); Noraker and NovaBone (bioactive glass); Stryker and Renishaw (3D printing).

### ACADEMIC POSITIONS

**08/2014 – present** **Professor of Biomaterials**, Department of Materials, Imperial College London.

Research group is currently 20 Post-doctoral researchers and PhD students (22 previously graduated).

**08/2012 – 08/2014** **Reader in Biomaterials**, Department of Materials, Imperial College London.

**12-2009 – present** **Visiting Professor** at Nagoya Institute of Technology, Japan

**10/2009 – 07/2012** **Senior Lecturer**, Department of Materials, Imperial College London.

**10/2004-09/2009** **Royal Academy of Engineering/ EPSRC Research Fellow**, Imperial College London.

**10/2002-9/2004** **Lloyd's Research Fellow**, Department of Materials, Imperial College London.

### EDUCATION

**Postgraduate**      **10/99-09/02, Ph.D. in Materials Science**, Imperial College London. Supervisor: Professor Larry L. Hench, “Bioactive glass 3D scaffolds for Tissue Engineering.”

**Undergraduate**      **10/95-06/99, MEng Hons. in Materials Science and Metallurgy**, University of Oxford

### Selected AWARDS

2016: ISCM (International Society for Ceramics in Medicine) Excellence Award for Outstanding Service.

2015: Fellow of the American Ceramics Society

2015: Review paper in Acta Biomaterialia selected for 10 year Anniversary Special Edition (currently highest cited paper in the journal's history).

2014: Vittorio Gottardi Award (International Commission on Glass, ICG) for excellence in glass research

2010: American Ceramic Society Robert L. Coble Award for Young Scholars

2010: Lloyd's of London Science of Risk prize for Labbaf *et al.* Biomaterials, 2011: 32: 1010-1018.

2010: Sage Publications Best paper in 2010 for Jones *et al.* Proc Inst Mech Eng H, 2010: 224: 1373-1387.

**CONFERENCES:** Plenary/Keynote/Invited: 38; Contributed podium presentations: 15; Session chair: 20. Symposium organiser at ESB2016 (inorganic/organic hybrids) and ACerS GOMD 2015-17.

### INTERNATIONAL COMMITTEES/ WORKING GROUPS

2013-present      Co-Chair of Technical Interest Group (TIG) in Bioceramics, American Ceramics Society.

2009-present      Chair of Technical Committee 4 (TC04, Biomedical Glasses) of ICG

**MEDIA/OUTREACH** YouTube channel: [www.youtube.com/channel/UCNKc2if3dCNM1a1ynoFEh1A](http://www.youtube.com/channel/UCNKc2if3dCNM1a1ynoFEh1A)