

Professor Philip Lumley BDS,FDSRCPS,MDentSc,PhD,FDS RCS,FDSRCS

Head of the School of Dentistry

[School of Dentistry \(/schools/dentistry/index.aspx\)](/schools/dentistry/index.aspx)

Contact details

Telephone +44 (0) 121 466 5469 (Secretary) (tel:+44 121 466 5469)

Fax +44 (0) 121 625 8815

Email lumleypj@adf.bham.ac.uk (mailto:lumleypj@adf.bham.ac.uk)

The School of Dentistry
College of Medical and Dental Sciences
University of Birmingham
St Chad's Queensway
Birmingham
B4 6NN
United Kingdom



About

Philip is Head of the School of Dentistry, a member of the College of Medical Sciences Board and University Senate. He is also Professor of Endodontology and honorary Consultant in Restorative Dentistry with the Birmingham Community Health Trust.

Philip has published widely in the field of Endodontology and has written or contributed chapters to five textbooks on Endodontics. He contributes to the Undergraduate and Postgraduate teaching programmes of the School and maintains a clinical interest in Endodontics especially in regard to the use of the operating microscope which he has used routinely since 1996.

Philip is a former President of the British Endodontic Society and remains a Council member. He also serves on the editorial board of the International Endodontic journal.

Qualifications

- BDS University of Dundee 1980.
- FDSRCPS Royal College of Surgeons of Glasgow 1984.
- Certificate of Accreditation in Restorative dentistry 1989.
- MDentSc University of Birmingham 1991.
- PhD University of Birmingham 1996.
- Specialist list in Endodontics 2000.
- FDS RCS (Ad Eundum) Royal College of Surgeons England 2000.
- FDSRCS Royal College of Surgeons Edinburgh (Honorary) 2004.

Biography

Philip qualified at the University of Dundee in 1980 and worked in the Dundee Dental Hospital for two years in NHS House Officer and Senior House Officer posts. In 1982 he moved to Glasgow to join the NHS rotational training scheme working in Oral Surgery, Oral Medicine, Periodontics and Prosthetics gaining the Fellowship in Dental Surgery of the Royal College of Surgeons and Physicians of Glasgow in 1983.

In 1984 he moved to the University of Birmingham to take up a lectureship in Conservative Dentistry, obtaining his Certificate of Accreditation in Restorative Dentistry in 1989. Following this he was awarded a Master of Dental Science and a PhD following research into ultrasonics and sonics in endodontics. In 1996 he was promoted to Senior Lecturer Honorary Consultant in Restorative Dentistry and to a personal chair in Endodontology in 2004.

Teaching

- BDS
- MSc in Advanced General Dental Practice.

Postgraduate supervision

Philip is involved in supervising students investigating a range of aspects of Endodontology from pulpal regeneration through to the mechanical and irrigation effects of new endodontic technologies.

Research

Philip's main research interests have been around minimally invasive dentistry and Endodontology. The emphasis being on conservation of tooth structure, examples include, a clinical evaluation of tunnel restorations, sonic and ultrasonic cleaning of root canals, new innovations in the shaping and obturation of root canals and dental regeneration. He is also interested in the survival of endodontically treated teeth in the NHS and the factors influencing this.

Other activities

- Member of Dental School Council.
- Council Member of British Endodontic Society (Past President).
- Member of Senate of Dental Specialties.
- Council member Association of Consultants and Specialists in Restorative Dentistry.
- Editorial Board of the International Endodontic Journal.

Publications

Analyzing endosonic root canal file oscillations: an in vitro evaluation. Lea SC, Walmsley AD, Lumley PJ. J Endod. 2010 May;36(5):880-3

The flexural properties of endodontic post materials. Stewardson DA, Shortall AC, Marquis PM, Lumley PJ. Dent Mater. 2010 Aug;26(8):730-6.

Trauma and dentinogenesis: a case report. Simon S, Lumley PJ, Cooper PR, Berdal A, Machtou P, Smith AJ. J Endod. 2010 Feb;36(2):342-4.

The MAP kinase pathway is involved in odontoblast stimulation via p38 phosphorylation. Simon S, Smith AJ, Berdal A, Lumley PJ, Cooper PR. J Endod. 2010 Feb;36(2):256-9.

Molecular characterization of young and mature odontoblasts. Simon S, Smith AJ, Lumley PJ, Berdal A, Smith G, Finney S, Cooper PR. Bone. 2009 Oct;45(4):693-703. Epub 2009 Jun 23.

Ten-year outcome of root fillings in the General Dental Services in England and Wales. Lumley PJ, Lucarotti PS, Burke FJ. Int Endod J. 2008 Jul;41(7):577-85.

Dental regeneration and materials: a partnership. Smith AJ, Lumley PJ, Tomson PL, Cooper PR. Clin Oral Investig. 2008 Jun;12(2):103-8.

Dissolution of bio-active dentine matrix components by mineral trioxide aggregate. Tomson PL, Grover LM, Lumley PJ, Sloan AJ, Smith AJ, Cooper PR. J Dent. 2007 Aug;35(8):636-42.

Performance of ultrasonic retrograde systems. Tomson PL, Lea SC, Lumley PJ, Walmsley AD. J Endod. 2007 May;33(5):574-7.

Effect of bismuth oxide radioopacifier content on the material properties of an endodontic Portland cement-based (MTA-like) system. Coomaraswamy KS, Lumley PJ, Hofmann MP. J Endod. 2007 Mar;33(3):295-8.

[Privacy](#) | [Legal](#) | [Cookies and cookie policy](#) | [Accessibility](#) | [Site map](#) | [Website feedback](#) | [Charitable information](#)

© University of Birmingham 2015

