



Helen Liversidge

Professor of Dental Anthropology and senior clinical teacher in Paediatric Dentistry, Institute of Dentistry, Queen Mary University of London, Barts and The London School of Medicine and Dentistry

Degrees

B.Ch.D. (Stellenbosch, South Africa) , 1987 M.Sc. Mineralized Tissue Biology (London) University College London, 1993 Ph.D. (London) University College London, Registered Specialist in Paediatric Dentistry with General Dental Council (United Kingdom)

Editorial Board Peer reviewed Journals

Annals of Human Biology
Archives of oral Biology
Dental Anthropology Journal
Journal of Forensic Odonto-stomatology

Service on Relevant Committees

2003-2020 Society for the Study of Human Biology (United Kingdom)
2022 Committee member for Interim Age Estimation Science Advisory Committee (United Kingdom Home Office)

Software app produced

Atlas of Tooth Development and Eruption <https://www.atlas.dentistry.qmul.ac.uk>

H index 36 (July 2024)

Google Scholar page <https://scholar.google.com/citations?user=1Ma5fRIAAA>

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Summary of research

My research area and most important publications relate to tooth formation and estimating age from developing teeth. The need for research with impact was highlighted by the 2004 tsunami when forensic odontologists lacked an evidence-based comparison of methods. This resulted in testing most of the available dental age estimation methods and the development of a new Atlas to estimate dental age. The London Atlas of tooth development and eruption is freely available only as a downloadable poster in 20 languages and as an online App. My research has contributed to improving our understanding of how performance of dental age estimation methods is assessed. Important factors include the use of a uniform age and sex test sample, a suitable wide age range of the test sample and the use of different expressions of accuracy including mean absolute difference between chronological and dental ages.