THE AWARDS 2021

Technological or Digital Innovation of the Year

Institution name	King's College London
Submission title or project name	Innovations in Simulation in Oral Health in the Digital Era
Nominee/key personnel	Project Leads: - Dr Rupert Austin, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL - Dr Jonathan San Diego, Digital Education Lead, Centre for Dental Education, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL - Professor Kim Piper, Dean for Education and Head of Centre, Centre for Dental Education, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL - Professor Mike Curtis, Executive Dean, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL Project Team: - Dr Anitha Bartlett, Dr Richard Foxton, Dr Susha Rajadurai, Dr Melanie Nasseripour and the Simulation teaching Team members, Centre for Dental Education, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL - Ms Joanne Kirner, Mr Barry Crook, Ms Polly Goodfellow, Ms Laura Shepherd, Ms Teresa Goodchild, Faculty Office, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL - Imran Gargadia, Jesal Patel, Kenneth McMahon, Robert Worrell, James Ortega, iTEL Hub Team, Centre for Dental Education, Faculty of Dentistry, Oral & Craniofacial Sciences, KCL - David Sherrin, (Campus Project Manager) Estates and Facilities, KCL - Peter Stoughton, Arif Sayani, Nonso Enuebeka, Brendan Cahill, King's IT, AV and Estates Team, KCL
URL	https://www.kcl.ac.uk/dentistry/simulation-in-dental-education
Submission	Simulation is a recognised approach in dental education. It is critical for King's College London that our facilities and resources are future-proofed to train clinicians who will practice in digital environments in modern healthcare. King's research into reducing aerosol spread during the pandemic established new ways of working, accelerating delivery of innovative, digital and sustainable simulation facilities and education technologies. King's invested £3m to develop the project within an ambitious timeframe, ready for the 2020 phased return of students. Students train with a digital clinical workflow from intra-oral scanning to practice using simulation labs, alongside digital resources, enabling learning in a safe and structured environment to develop their clinical competence. This innovative work has informed practice and approaches at other training and HE institutions, and received validation from the professional regulator, with the most important impact being the graduation of two cohorts of competent dentists under the most challenging circumstances.