



Professor Gary Lye completed his BSc and PhD in Biotechnology at University of Reading from 1985-1992.

After graduation, Gary became a Research Fellow in Chemical Engineering at Imperial College London from until 1995 when he joined UCL as a Lecturer in Chemical Engineering at University of Edinburgh until 1996.

Gary then joined UCL and was a founding member of the UCL Department of Biochemical Engineering in 1998.

Gary is now Head of the UCL Department of Biochemical Engineering and Director of the EPSRC Centre for Doctoral Training (CDT) in Bioprocess Engineering Leadership.

In addition to this, Gary is a Chartered Engineer, Chartered Scientist, Fellow of RAEng, Senior Fellow of the Higher Education Academy, Fellow of IChemE, and has served a full term as Committee Chair of IChemE Biochemical Engineering SIG between 2005-2009.

UCL IRIS:

Other current and previous roles include:

- *BioIndustry Association, Science and Innovation Advisory Committee (2019 – to date)*
- *BBSRC Industrial Biotechnology and Bioenergy Strategic Advisory Panel (2016 – 2020)*
- *EPSRC Manufacturing the Future Strategic Advisory Team (2017 – 2020)*
- *EPSRC UK Catalysis Hub Steering Committee (2015 – to date)*
- *EPSRC CDT in Bioprocess Engineering Leadership (Director, 2009 – to date)*
- *EPSRC CDT in Sustainable Chemical Technologies Advisory Board, Bath (Chair, 2016 – to date)*
- *EPSRC CDT in Synthetic Biology Advisory Board, Oxford (2014 – 2019)*
- *IChemE BioFutures Steering Group and Skills Working Group (2017 - 2018)*
- *IChemE Biochemical Engineering Special Interest Group Committee (Member, 1999 – 2015, Chair, 2005 - 2009)*
- *Royal Academy of Engineering Membership Panel (2016 – 2020)*
- *Royal Academy of Engineering, Teaching of Engineering Ethics Group (2004 – 2006)*
- *UK Government, Industrial Biotechnology Innovation and Growth Team (2008 – 2009)*

IChemE

Biochemical Engineering
Special Interest Group

UCL News:

He is an internationally-respected researcher and teacher in biochemical engineering especially in the fields of bioreactor design and operation and in industrial biotechnology with a major impact in biopharmaceuticals and sustainable and environmentally-friendly manufacture. Under Gary's leadership the department's undergraduate, masters, doctoral and post-experience programmes continue to thrive producing skilled biochemical engineers that contribute to the growth of the international bioindustry.

Gary joins a number of current and former UCL staff and alumni who have received the Donald Medal.

Maxwell Donald (UCL Chemical Engineering) and Eric Crook (UCL Biochemistry) were early supporters of establishing Biochemical Engineering at UCL. They were co-founders with Elmer Gaden (Columbia University) of the journal Biotechnology and Bioengineering in 1959. The IChemE Donald Medal is named after Maxwell. The department's undergraduate Crook Society is named after Eric. The department's post-doctoral society, the Clarke Society, is named after another early pioneer of the discipline at UCL, Patricia Clarke FRS.