

## **Marcella Ucci**

Dr Marcella Ucci is a Lecturer in Facility and Environment Management at the Bartlett Faculty of the Built Environment, University College London, for the MSc in Facility and Environment Management and the MSc in Environmental Design and Engineering.

With a background in architecture, an MSc in 'Environmental Design and Engineering' and a PhD in indoor air quality and modeling, her research interests focus on the interactions (and tensions) between sustainable/energy-efficient buildings – both design and operation - and the needs of occupants in terms of comfort, health and wellbeing. Her expertise includes building monitoring and modelling, health impact of buildings (especially biological such as dust mites), application of epidemiological methods to built environment studies, and operational aspect of buildings.

Dr Ucci is Co-Investigator of the network project [Welline](#) (Wellbeing and the Indoor Environment), funded by the Lifelong Health and Wellbeing programme managed by the Medical Research Council. The project addresses how the indoor environment influences chronic disorders affecting the musculoskeletal, cardiopulmonary and nervous systems, amongst the most prevalent conditions found in the older population. She is also the UCL investigator for the [Building Banter](#) project, a unique collaboration between industry and academics, funded by the Technology Strategy Board (TSB) and by the Engineering and Physical Sciences Research Council (EPSRC). It aims to achieve greater energy efficiency in non-domestic buildings through user-centered design. Previously, Dr Ucci worked on a two-year EPSRC funded research on the environmental control of house dust mites, and on a research project for the ODPM Building Regulations Division (under the Buildings Operational Performance Framework). The project contributed to the development of the Building Regulations (England and Wales), in particular Part F and L which deal with ventilation and energy.

Dr Ucci is Vice-Chair of the UK Indoor Environments Group ([UKIEG](#)), a multidisciplinary group set up in 2003 to co-ordinate and provide a focus for UK activity concerned with indoor environments, health and well-being. She is also a Committee member of the Sustainability Special Interest Group at the British Institute of Facilities Management ([BIFM](#)).