**2020 Distinguished Achievement Awards**

**Citations for the Researchers of the Year**

**Professor Kostas Kostarelos, Faculty of Biology, Medicine and Health**

Professor Kostas Kostarelos is the Faculty of Biology, Medicine, and Health winner.

Kostas directs the Nanomedicine Lab, which is a major contributor to the €1 billion European Commission-funded Graphene Flagship. He also holds the largest research programme on graphene and 2D-materials for biomedical applications awarded by the EPSRC/UKRI titled *2D-Health*.

Within the University, Kostas has founded The NanoMed Research Network that was incorporated within the cross-Faculty Advanced Materials in Medicine@Manchester Research Platform which he helped establish.

Internationally, he has initiated and leads collaborative research programmes with Harvard University, Memorial Sloan-Kettering Cancer Center and the Chinese University of Hong Kong. Kostas is a *Severo Ochoa Distinguished Professor* at the Catalan Institute of Nanoscience and Nanotechnology (ICN2) in Barcelona, Spain.

Commercially, one company has been founded and two more have licensed technologies to clinically development from the Nanomedicine Lab’s work .

In summary, Kostas is, by several measures, at the international forefront for multi-disciplinary research, translating the application of innovative materials research into clinical applications.

**Professor Peter Wade, Faculty of Humanities**

Recently elected Fellow of the Academy of Social Sciences, Professor Peter Wade from the School of Social Sciences, is internationally recognised as making an outstanding contribution to the study of race and ethnicity in Latin America (and beyond).

His interdisciplinary work has been supported by large and prestigious grants including his latest Arts and Humanities Research Council award as Principal Investigator which builds on his earlier (2017-2019) Economic and Social Research Council-funded project. This work has been commended by the University’s Office for Social Responsibility for ‘Outstanding International Engagement’.

With seven single-authored books to his credit, three of which have been translated into Spanish, and one into Greek, Peter is a highly valued colleague, researcher and teacher, who has generously taken the lead (twice) as our REF co-ordinator, acting with characteristic commitment, efficiency and fairness.

**Professor Perdita Barran, Faculty of Science and Engineering**

Professor Perdita Barran is an internationally leading researcher in the application and development of mass spectrometry for complex chemical and biological problems.

Much of her work has used home-built, customised instrumentation to provide a deeper understanding of structure function relationships of proteins and peptides, and to use this information to further biomedical research.

At Manchester her work has focussed on disordered and dynamic protein systems, weak interactions, and supramolecular molecules as well as the use of ion mobility mass spectrometry in metabolite and synthetic biology analysis.

In 2019 Perdita published evidence that shows it is possible to detect Parkinson’s Disease from Volatile metabolites on skin. This has started an entire new research program to find biomarkers for disease in sebum.