President's Address 2019

Celebrating the achievements of our community
It is a pleasure to gather each year to pay tribute to our staff, students and alumni who have received external awards over the past year.

They inspire us with their devotion to excellence and their community spirit. Their actions bring credit to themselves, their families, their friends, their colleagues and to the College.

You will see brief descriptions of their achievements in this programme. As you read it, I think that you will be as overwhelmed as I am by the many ways they have used their time and talents for the benefit of society.

I hope that you will join me in congratulating these brilliant colleagues in the reception to follow. Their actions embody the excellence, values and impact Imperial College London is known for.

I also thank all members of the Imperial community who contribute in numerous ways in their professional and personal lives to make the world a better place.

Professor Alice P. Gast
President of Imperial College London
Naomi Climer
Chemistry with Management 1986
CBE for services to the engineering profession

Professor Emeritus
Christopher Collier
Former Head of Strategic Partnership, National Centre for Atmospheric Science; Physics 1968
MBE for services to atmospheric science

Dr Im Cawley
Reader in Haematology, Medicine
Elected the 2018 President of the British Society for Haemostasis and Thrombosis

Laura de Arroyo Garcia
Research Postgraduate, Life Sciences
Winner of the EIT Food Global Venture Programme and EIT Food Entrepreneurship Prize for Bio-F Solutions, securing €35,000 of funding to progress their business. Bio-F also won the EIT People’s Choice Award

Yves-Alexandre de Montjoye
Head of the Computational Privacy Group; Lectures, Computing and Data Science Institute
Appointed as a Special Adviser to the EU Competition Commissioner Margrethe Vestager

Professor
Michele Dougherty
Head of Department; Professor of Space Physics, Physics
Awarded the Richard Glazebrook Medal and Prize by the Institute of Physics for scientific leadership of the Cassini magnetic field instrument at Saturn and the European Space Agency (ESA) JUICE study team

Professor Sir Leslie Ebdon
Former Director of Office for Fair Access to Higher Education; Chemistry 1968, PhD 1971
Knighthed for services to higher education and social mobility

Professor Paul Elliot
Chair in Epidemiology and Public Health Medicine, School of Public Health
Selected as Chair of Sub-Panel 2: Public Health, Health Services and Primary Care for the 2021 Research Excellence Framework

Dr A. Aldo Faisal
Reader in Neurotechnology, Bioengineering and Computing
Received $50,000 through the Mobility Unlimited Challenge Discovery Award, funded by the Toyota Mobility Foundation to develop human-in-the-loop AI for rehabilitation engineering

Professor Alan Fenwick
Emeritus Professor, School of Public Health
Winner of the Domineque Kyelem Annual Prize for lifetime achievement in the field of neglected tropical diseases

Professor Jorge Ferrer
Chair in Medicine and Genetics, Medicine
Awarded a £2.2 million Advanced Grant from the ERC for research into expanding the genetic etiological and diagnostic spectrum of monogenic diabetes mellitus

Christina Fries
Blach Petersen
CEO & co-founder, LYS Technologies Ltd; MSc Innovation Design Engineering 2016
Featured in the MIT Technology Review Innovators Under 35 list 2018

Professor Sir Leslie Ebdon
Former Director of Office for Fair Access to Higher Education; Chemistry 1968, PhD 1971
Knighthed for services to higher education and social mobility

Professor Amphor Galindo
Professor of Physical Chemistry, Chemical Engineering
Named as Imperial’s Lilly/ Royal Academy of Engineering Research Chair in Pharmaceutical Molecular Systems

Shaz Ghouse
Research Assistant, Mechanical Engineering
Joint winner of the 2018 Excellence in Translational Science Award from the Journal of Orthopaedic Research

Professor Tim Green
Co-Director of the Energy Futures Laboratory
Elected to the Fellowship of the Royal Academy of Engineering

Professor Robin Grimes
Professor of Materials Physics, Materials
Elected a Fellow of the Royal Society and awarded the Luis Federica Leloir Medal for International Cooperation in Science, Technology, and Innovation from the Argentinian Ministry of Science, Technology and Innovation

Inty Gronneberg
Research Postgraduate, Dyson School of Design Engineering
Named Latin American Inventor of the year by MIT Technology Review

Dr Sir Groisman
Lecturer in Dementia Research, Medicine
Awarded the 2018 Science & PINS Prize for Neuromodulation

Professor Angelika Grundling
Professor of Molecular Microbiology, Medicine
Recipient of a £1.4 million Wellcome Trust Investigator Award

Professor Yi-Ke Guo
Director, Data Science Institute; Professor of Computing Science, Computing
Elected to the Fellowship of the Royal Academy of Engineering

Professor Martin Hairer
Chair in Probability and Stochastic Analysis, Mathematics
Selected as a panel member for the 2021 Research Excellence Framework

Professor Jonathan Haskel
Chair in Economics, Imperial College Business School
CBE for public services to economics

David Havelock
Former Director of Credit Risk Group, UK Export Finance, Department for International Trade, Physics 1968
CBE for services to the economy

Scott Heath
Work Package Managers, Thales; Chemistry with Management 2011
BEM for services to the LGBT community

Professor Elaine Holmes
Professor of Chemical Biology, Surgery and Cancer
Elected a Fellow of the Academy of Medical Sciences

Professor Alison Holmes
Professor of Infectious Diseases, Medicine
Appointed a NIHR Senior Investigator

Dr Gustav Holzegel
Professor of Pure Mathematics, Mathematics
Joint recipient of the Adams Prize, awarded by the University of Cambridge Faculty of Mathematics and St John’s College to UK-based researchers under the age of 40

Dr Jonathan Jeffers
Reader in Mechanical Engineering, Mechanical Engineering
Joint winner of the 2018 Excellence in Translational Science Award from the Journal of Orthopaedic Research

Dr Kim Jelfs
Senior Lecturer (Royal Society URF), Chemistry
Awarded the Humboldt-Meldola Prize by the Royal Society of Chemistry for an innovative approach to the computer-guided discovery of supramolecular and porous materials

Professor
Sebastian Johnson
Asthma UK Clinical Chair; Director, Asthma UK Centre in Allergic Mechanisms of Asthma, National Heart and Lung Institute
Awarded a £2.6 million ERC Advanced Grant for research into mechanisms of adverse-effects of beta-agonists in asthma
Dr Clementine Chambon
Research Assistant (EPSRC
Doctoral Prize Fellowship),
Chemical Engineering; PhD
Chemical Engineering 2017
Named Chemistry World
Entrepreneur of the Year by
the Royal Society for Chemistry
and shortlisted for the L’Oréal-
UNESCO Fellowship for
Women in Science

Professor Andrew Livingston
Professor of Chemical Engineering,
Chemical Engineering
Awarded a €2.4 million ERC
grant for research into advanced
nanomembranes for exact
polymer production
Gavin Jones  
Head of Income, Finance  
Gained accreditation by Chartered Institute of Credit Management for Imperial; Imperial is the first higher education institution to achieve this award

Dr Patrick Jones  
Reader in Metabolic Engineering, Life Sciences  
Winner of the EIT Food Global Venture Programme and EIT Food Entrepreneurship Prize for Bio-F Solutions, securing €35,000 of funding to progress their business. Bio-F also won the EIT People’s Choice Award

Dr Sridevi Kalidindi  
Medicine 1992  
OBE for services to rehabilitation psychiatry

Aaron Koshi  
Co-Founder, WithLula; MSc Innovation Design Engineering 2017  
Winner of the 2018 Mayor of London’s Entrepreneur competition for WithLula, a startup developing fully flushable and biodegradable sanitary products

Dr Sonia Kumar  
Director of Undergraduate Primary Care Education, School of Public Health  
Winner of the AdvanceHE Collaborative Award for Teaching Excellence (CATE)

Sarah Kivok Van Ho  
Research Postgraduate, Chemistry  
Awarded £7,500 by the Stevenson Fund to support postgraduate research

Professor Andrew Livingston  
Professor of Chemical Engineering, Chemical Engineering  
Awarded a £2.4 million ERC grant for research into advanced nanomembranes for exact polymer production

Rainbow Lo  
Research Postgraduate, Chemistry  
Awarded £7,500 by the Stevenson Fund to support postgraduate research

Professor Nicholas Long  
The Sir Edward Frankland BP Chair in Inorganic Chemistry, Chemistry  
Selected as a panel member for the 2021 Research Excellence Framework and recipient of a Royal Society Wolfson Research Merit Award

Professor John Loughhead  
Chief Scientific Advisor, Department for Business, Energy and Industrial Strategy; Mechanical Engineering 1970  
CB for services to research and development in the energy sector

Professor Michael Love  
Professor in Mechanical Engineering, Mechanical Engineering  
Winner of the 2018 NDE (Nondestructive Evaluation) Lifetime Achievement Award of the International Society for Optics and Photonics

Professor Geoffrey Maitland  
Professor of Energy Engineering, Chemical Engineering  
CBE for services to chemical engineering and supporting connections between industry and academia

Professor Kathryn Maitland  
Professor of Tropical Paediatric Infectious Diseases, Medicine  
Received a Wellcome Collaborative Award in Science for a consortium for research and trials into severe malaria in Africa and awarded cofunding from EDCTP for COAST; Nutrition Childrens Oxygen Administration Strategies Trial. Also received an overseas programme award from the Wellcome Trust of £1.5 million

Professor Ricardo Martinez-Botas  
Professor of Turbomachinery, Mechanical Engineering  
Elected to the Fellowship of the Royal Academy of Engineering

Enrica Mazzon  
Research Postgraduate, Mathematics  
Awarded £7,500 by the Stevenson Fund to support postgraduate research

Professor Dame Angela McLean  
PhD 1986  
DBE for services to mathematical biology and scientific advice for government

Professor Irene Miguel-Aliaja  
Professor of Genetics and Physiology, Institute of Clinical Sciences  
Awarded a £1.9 million ERC grant for research into sex differences in intestinal plasticity

Piers Milner  
Research Postgraduate, Mechanical Engineering  
Joint winner of the 2018 Excellence in Translational Science Award from the Journal of Orthopaedic Research

Luciana Miu  
Research Postgraduate, Chemical Engineering  
Winner of the second Annual Wiley Women in Research Travel Grant competition

Dr Nuria Oliva-Jorge  
Research Associate, Bioengineering  
Shortlisted for the L’Oréal-UNESCO Fellowship for Women in Science and awarded the TECNOspring PLUS Fellowship, within the Marie Skłodowska-Curie Action (Horizon 2020) and ACCIO funding (Generalitat de Catalunya)

Dr Faii Ong  
CEO, GyroGear; MBBS 2016  
Awarded €1.86 million from the Horizon 2020 programme to develop the GyroGlove, a novel device invented to stabilise hand tremors which affect 200 million people globally who suffer from Parkinson’s disease and essential tremor

Dr Pavel Orlov  
Research Associate, Computing  
Received $50,000 through the Marshall Mobility Unlimited Challenge Discovery Award, funded by Toyota Mobility Foundation and run by Nesta’s Challenge Prize Centre, to further develop an AI wheelchair with the Body and Behaviour Lab

Professor Matthew Pickering  
Professor of Rheumatology and Wellcome Trust Senior Fellow in Clinical Science, Medicine  
Awarded a Wellcome Trust Senior Clinical Fellowship for the third time

Professor Iain Colin Prentice  
Chair in Biosphere and Climate Impacts, Life Sciences  
Awarded Wellcome Trust funding for Tools for Human Neuroscience Drug Research (THuNDR)

Dr Giorgio Perin  
Research Associate, Life Sciences  
Winner of the EIT Food Global Venture Programme and EIT Food Entrepreneurship Prize for Bio-F Solutions, securing €35,000 of funding to progress their business. Bio-F also won the EIT People’s Choice Award

Professor Nelson Phillips  
Abu Dhabi Chamber Chair in Innovation and Strategy, Imperial College Business School  
Winner of the Joanne Martin Trailblazer Award from the Organization and Management Theory Division of the Academy of Management

Dr Lorenzo Picinati  
Senior Lecturer, Dyson School of Design Engineering  
Coordinator of the 3D Tune-In project, which won the Healthcare Science Partnering Patients and Citizens award at NHS England’s CSO Healthcare Science Awards

Professor Julie McCann  
Professor of Computer Systems, Computing  
Winner of the Suffrage Science Award

Professor David Nutt  
The Edmond J. Safra Chair in Neuropsychopharmacology, Medicine  
Awarded Wellcome Trust funding for Tools for Human Neuroscience Drug Research (THuNDR)

Dr Cristina Lo Celso  
Reader in Stem Cell Biology, Life Sciences  
Awarded the Royal Microscopical Society Medal for Life Sciences for outstanding scientific achievements applying microscopy in the field of cell biology
Professor Carol Propper
Associate Dean of Faculty and Research, Chair in Economics, Imperial College Business School
Elected an International Fellow of the National Academy of Medicine and awarded a £1.4 million ERC grant for research into the impact of the labour market on the production of healthcare and health

Professor David Sharp
Professor of Neurology, Medicine
Successfully applied to lead a programme in care research and technology under the UK Dementia Research Institute

Professor Molly Stevens
Professor of Biomedical Materials and Regenerative Medicine, Materials and Research Director for Biomedical Material Sciences, Institute of Biomedical Engineering
Appointed Trustee of the National Gallery. Also awarded the Rosalind Franklin Medal and Prize by the Institute of Physics for contributions to ground-breaking and influential advances in the engineering of bioinspired materials for regenerative medicine and biosensing applications

Professor Jonathan Valabhji
Consultant Diabetologist and Professor of Practice (Diabetes), Imperial College Healthcare NHS Trust; National Clinical Director for Diabetes and Obesity, NHS England
OBE for services to diabetes and obesity care

Professor Ian Prosser
HM Chief Inspector of Railways and Director, Railway Safety, Office for Rail and Road; BEng in Chemical Engineering
CBE for services to railway safety

Jona Ramadani
Research Postgraduate, Chemical Engineering
Awarded an SCI Scholarship of £5,000 over two years to support PhD studies in the Department of Chemical Engineering

Dr Dr Anna Regoutz
Professor of Nanotechnology, Imperial College Business School
Elected an International Fellow of the National Academy of Medicine and awarded a £1.4 million ERC grant for research into the impact of the labour market on the production of healthcare and health

Robert Rouse
MSc/MA Innovation Design Engineering 2017
Winner of the Worshipful Company of Engineers’ Hawley Award for Engineering Innovation for Remora, a design for marine turbines and ship thrusters that filter and extract plastic as they operate

Professor Adrian Sutton
Professor of Nanotechnology, Physics
Awarded the David Tabor Medal and Prize by the Institute of Physics for definitive contributions to the nanophysics of interfaces and dislocation elasticsynamics

Dr Paolo Taticchi
Principal Teaching Fellow, Imperial College Business School
Appointed Knight of the Order of Merit of the Italian Republic and named among the world’s top 40 business academics under the age of 40 by Poets & Quants

Professor Guy Rutter
Chair in Cell Biology and Head of Cell Biology, Medicine
Successfully renewed a £1.7 million Wellcome Trust Investigator Award

Dr Richard Jan van Arkel
Lecturer, Mechanical Engineering
Joint winner of the 2018 EIT Food Global Entrepreneurship Prize for Bio-F Solutions, securing €35,000 of funding to progress their business. Bio-F also won the EIT People’s Choice Award

Dr Jess Wade
Research Associate, Physics
Awarded the Daphne Jackson Medal and Prize by the Institute of Physics for acting as an internationally-recognised ambassador for STEM. Also named as one of ‘ten people who mattered this year’ by the journal Nature

Dr Mohammad Heidari
Assistant Professor of Marketing, Imperial College Business School
Awarded the 2018 Gary L. Lilien Practice Prize by the INFORMS Society for Marketing Science

Professor Xiaodong Zhang
Professor of Macromolecular Structure and Function, Medicine
Received a Wellcome Trust Investigator Award to research into structures, recruitment and regulation of DNA damage response

Professor Carol Propper
Associate Dean of Faculty and Research, Chair in Economics, Imperial College Business School
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HM Chief Inspector of Railways and Director, Railway Safety, Office for Rail and Road; BEng in Chemical Engineering
CBE for services to railway safety

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