

Imperial College
London

President's Address 2018

Celebrating the achievements
of our community



Welcome.



It is a joy to gather each year to pay tribute to our staff, students and alumni who have received external accolades over the past year.

They inspire us with their dedication 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 impressed 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 wonderful colleagues in the reception to follow. Their actions epitomise the excellence, values and impact Imperial College London is known for.

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

Professor Alice P. Gast
President of Imperial College London

Miriam Aczel

Research Postgraduate,
Centre for Environmental Policy
Winner in Graduate Student
category of the American
Association for the Advancement
of Science and Human Rights
Coalition student essay competition

Professor Hashim Ahmed

Chair in Urology (Clinical),
Surgery and Cancer
Awarded the Prostate Cancer
Research Award from the
European Association of Urology

Dr Helal Ahmed

Teaching Fellow, Graduate School
Part of the winning Graduate
School team, which received a
Student Experience prize at the
2017 *Guardian* University Awards

Dr Maroof Ahmed

Medicine 2017
Featured in the *Forbes* 30 Under
30 List Europe 2018 for social
entrepreneurs

Professor Franklin Allen

Executive Director of the
Brevan Howard Centre,
Imperial College Business School
Elected to the Fellowship of the
British Academy

Professor Peter Allison

Professor of Earth Science
and Deputy Director of the
Graduate School
Part of the winning Graduate
School team, which received a
Student Experience prize at the
2017 *Guardian* University Awards

Dr Diego Alonso-Alvarez

Research Associate, Physics
Won second prize in the
Innovation category of the EPSRC's
science photography competition

Professor Eric Alton

Professor of Gene Therapy
and Respiratory Medicine,
National Heart and Lung Institute
Awarded £2.4 million by the
Wellcome Trust to develop gene
therapy technology

Dr Benjamin Amor

Research Postgraduate
Joint winner of the Royal Society
of Chemistry Rita & John Cornforth
Award with the Membrane
Biophysics Platform team

Professor Jane Apperley

Chair of the Centre for
Haematology, Medicine
Elected to the Fellowship of the
Academy of Medical Sciences

Maddalena Ardissino

Undergraduate, Medicine
Won Gold with Imperial College
Boat Club at the European
University Rowing Championships

Dr Kofi Arhu Anie

Honorary Clinical Senior Lecturer,
Medicine
MBE for services to people
with sickle cell disease
and thalassaemia

Professor Deborah Ashby

Chair in Medical Statistics and
Clinical Trials and Interim Head
of the School of Public Health
Elected as the next President
of the Royal Statistical Society

Professor Alessandro Astolfi

Professor of Non-Linear
Control Theory, Electrical and
Electronic Engineering
Elected to the Fellowship
of the International Federation
of Automatic Control (IFAC) and
winner of an IFAC Outstanding
Service Award

Professor Barbara Bain

Professor of Diagnostic
Haematology, Medicine
Presented with a lifetime
achievement award from the
British Society for Haematology

Dr John Bandler

BSc ACGI Engineering 1960
Officer of the Order of Canada

Professor Charles Bangham

Chair of Immunology, Medicine
Winner of a Wellcome Trust
Investigator Award

Michael Barrett

MSc Geology 1990
MBE for services to transport

Professor Derek Bell

Chair in Acute Medicine,
School of Public Health
OBE in his role as President
of the Royal College of Physicians
of Edinburgh for services to
unscheduled care and quality
improvement

Professor Phillip Bennett

Professor of Obstetrics and
Gynaecology, Surgery and Cancer
Elected to the Fellowship of the
Academy of Medical Sciences

Robert Bishop

MEng ACGI Electrical and
Electronic Engineering 2014
Joint winner of the Royal Academy
of Engineering Silver Medal for
achievements at Magic Pony
Technology

Guido Bolognesi

Visiting Researcher, Chemistry
Joint winner of the Royal Society
of Chemistry Rita & John Cornforth
Award with the Membrane
Biophysics Platform team



Paul Brown
Mechanical Instrumentation Workshop Manager, Physics
 MBE for services to higher education



Professor Andrew Davison
Professor of Robot Vision, Computing
 Elected to the Fellowship of the Royal Academy of Engineering



Professor Christl Donnelly
Professor of Statistical Epidemiology, Medicine
 CBE for services to epidemiology and the control of infectious diseases

Dr Agnieszka Brandt-Talbot

Research Fellow, Chemistry
 Part of the winning team led by Dr Jason Hellet for the Royal Society Translation Award

Professor Nick Brooks

Senior Lecturer, Chemistry
 Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Paul Brown

Mechanical Instrumentation Workshop Manager, Physics
 MBE for services to higher education

Dr Ann Browning

MBBS Charing Cross Hospital Medical School 1957
 BEM for charitable work for The Children's Society

Dr Angela Brueggemann

Senior Lecturer in Microbiology, Medicine
 Winner of a Wellcome Trust Investigator Award

Samuel Bruggen

Undergraduate, Life Sciences
 Co-founder of ThinAir, the winner of Enterprise Nation's first ever Student Start-Up of the Year award at the 2017 Venture Catalyst Challenge

Professor Austin Burt

Professor of Evolutionary Genetics, Life Sciences
 Target Malaria, the international consortium led by Professor Burt and Imperial, received a \$17.5 million grant to help develop ways to control the spread of the disease

Simon Bushell

MSc Sustainable Energy Futures 2014
 Featured in the *Forbes* 30 Under 30 List Europe 2018 for social entrepreneurs

Dr Wouter Buytaert

Reader in Hydrology and Water Resources, Civil and Environmental Engineering
 Awarded \$15 million by USAID as part of a consortium led by Forest Trends

Dr Adam Byrne

Lecturer in Chronic Lung Disease, National Heart and Lung Institute
 Awarded an Asthma UK Senior Fellowship

Duncan Casey

Visiting Researcher, Chemistry
 Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Professor Tony Cass

Professor of Chemistry
 Winner of the Royal Society of Chemistry Sir George Stokes Award

Professor Oscar Ces

Professor of Chemical Biology, Chemistry
 Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Dr Emma Chapman

Research Associate, Astrophysics
 Highly commended runner up in the L'Oreal-UNESCO UK and Ireland For Women in Science awards

Hans Hon San Chan

Undergraduate, Chemistry
 Winner of the Overall Winners Prize and the New Accelerator Prize in the Faculty of Natural Sciences Make-A-Difference competition with Team Matoha

Dr Graham Chapman

PhD Chemistry 1966
 Won Green Business of the Year at the West London Business Awards for Polymateria

Dr Chris Chen

Research Associate, Physics
 Winner of the Fowler Award for Geophysics

Professor Jeremy Chittenden

Professor of Plasma Physics, Physics
 Joint awardee of the NNSA Defense Programmes Award of Excellence

Renato Circi

MEng Bioengineering 2017
 Featured in the *Forbes* 30 Under 30 List Europe 2018 for social entrepreneurs

Professor Justin Cobb

Chair in Orthopaedic Surgery, Surgery and Cancer
 Awarded £3 million to support the work of the MSK Lab

Dr Jason Cole

Academic Visitor, Physics
 Winner of the Calham Thesis Prize for best thesis in plasma physics

Professor Rama Cont

Chair in Mathematical Finance, Mathematics
 Winner of the 2017 APEX Awards for Excellence in Cross-Disciplinary Research

Professor Gordon Conway

Chair in International Development, Centre for Environmental Policy
 Awarded the Founder's Medal by the Royal Geographical Society

Professor Stuart Cook

Professor of Clinical and Molecular Cardiology, National Heart and Lung Institute
 Joint awardee of a £1.6 million Strategic Award by the British Heart Foundation

Paul Cooke

MSc Science Media Production 2010
 Highly Commended in the Community Communication category of the Antibiotic Guardian Awards for the film *CATCH*

Dr Graham Cooke

Reader in Infectious Diseases, Medicine
 Awarded a Research Professorship by the NIHR to develop new ways of diagnosing and managing people infected with hepatitis C

Professor M. Francesca Cordeiro

Chair in Ophthalmology (Clinical), Surgery and Cancer
 Awarded the GG2 Outstanding Achievement in Medicine Award

Dr Mark Crimmin

Senior Lecturer, Chemistry
 Awarded the Harrison-Meldola Memorial Prize by the Royal Society of Chemistry

Anzhuo Dai

Undergraduate, Physics
 Winner of the Overall Winners Prize and the New Accelerator Prize in the Faculty of Natural Sciences Make-A-Difference competition with Team Matoha

Professor Andrew Davison

Professor of Robot Vision, Computing
 Elected to the Fellowship of the Royal Academy of Engineering

Dr Claudia de Rham

Reader in Theoretical Physics, Physics
 Blavatnik Finalist in Physical Sciences and Engineering for the inaugural Blavatnik Awards in the UK

Dr Janet De Wilde

Head of Postgraduate Professional Development, Graduate School
 Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Eleanor Disney-Hogg

MEng Bioengineering and Biomedical Engineering 2017
 Won Gold with Imperial College Boat Club at the European University Rowing Championships

Professor Simon Donaldson

Chair in Pure Mathematics, Mathematics
 Awarded Honorary Doctor of Science by Complutense University, Madrid

Dr Alastair Donaldson

Reader in Programming Languages, Computing
 Winner of the BCS Roger Needham Award

Professor Christl Donnelly

Professor of Statistical Epidemiology, Medicine
 CBE for services to epidemiology and the control of infectious diseases

Professor Michele Dougherty

Head of Department of Physics,
Professor of Space Physics
CBE for services to UK physical
science research and winner of
the Royal Astronomical Society
Gold Medal

Professor Pier Luigi Dragotti

Professor of Signal Processing,
Electrical and Electronic
Engineering
Elevated to Fellow Grade
of the IEEE

Professor Michael Duff

Emeritus Professor and Senior
Research Investigator, Physics
Awarded of the Nevill Mott Medal
and Prize by the Institute of
Physics and winner of The Paul
Dirac Medal and Prize

Dr Jake Dunning

Honorary Senior Clinical Lecturer,
MBBS Medicine 2001, PhD 2013
MBE for services to clinical
research

Professor Fionn Dunne

Chair in Micromechanics,
Materials
Winner of the Harvey Flower Prize
by the Institute of Materials,
Minerals and Mining (IoM3)

Professor James Durrant

Professor of Photochemistry,
Chemistry
Elected a Fellow of the
Royal Society

Dr Yuval Elani

Research Associate, Chemistry
Joint winner of the Royal Society
Award of Chemistry Rita & John Cornforth
Award with the Membrane
Biophysics Platform team

Pippa England

Undergraduate, Chemistry
Won Gold with Imperial College
Boat Club at the European
University Rowing Championships

Sarah Faux

Postgraduate Development
Assistant, Graduate School
Part of the winning Graduate
School team, which received a
Student Experience prize at the
2017 Guardian University Awards

Professor Jorge Ferrer

Chair in Medicine and Genetics,
Medicine
Received by Albert Renold Prize
from the European Association
for the Study of Diabetes

Dr James Field

PhD Bioengineering 2014
Featured in the Forbes 30 Under
30 List Europe 2018 for science
and healthcare

Professor Mike Finnis

Chair in Materials Theory
and Simulation, Materials
Awarded the Nevill Mott Medal
and Prize by the Institute of
Physics

Professor David Fisk

Emeritus Professor, Civil and
Environmental Engineering
Appointed as a Commissioner
for the National Infrastructure
Commission

Dr Louise Fleming

Clinical Senior Lecturer, Medicine
Awarded an Asthma UK
Senior Fellowship

Dr Elena Forasacco

Teaching Fellow, Graduate School
Part of the winning Graduate
School team, which received a
Student Experience prize at the
2017 Guardian University Awards

Professor Gary Frost

Chair in Nutrition and Dietetics,
Medicine
Awarded a Bill and Melinda
Gates Foundation Grant for
research into a passive dietary
monitoring system

Dr Matt Fuchter

Reader in Chemistry, Chemistry
Awarded the 2018 Tetrahedron
Young Investigator Award for
Bioorganic and Medicinal
Chemistry and a five year EPSRC
Established Career Fellowship

Dr Marina Galand

Reader in Planetary Science,
Physics
Awarded the Fernand
Holweck Medal and Prize by
the Institute of Physics and
French Physical Society

Dr Isabel Garcia Perez

Lecturer in Precision and Systems
Medicine, Surgery and Cancer
Awarded an NIHR Career
Development Fellowship

Professor Leroy Gardner

Professor of Structural
Engineering, Civil and
Environmental Engineering
Winner of the 2017 IABSE Prize
by the International Association
for Bridge and Structural
Engineering

Professor Alice Gast

President,
Imperial College London
Elected a Fellow of the City
and Guilds of London Institute,
Honorary Professorship Tsinghua
University, Honorary Degrees from
the University of Notre Dame and
University of Pierre and Marie Curie

Professor Erol Gelenbe

Professor in the Dennis
Gabor Chair, Electrical and
Electronic Engineering
Winner of The Mustafa Prize for
Information and Communication
Science and Technology

Dr Pantelis Georgiou

Reader in Biomedical Electronics,
Electrical and Electronic
Engineering
Winner of the 2017 IEEE
Sensors Council Technical
Achievement Award

Jacqueline Gerrard

BSc Maths 1974
MBE for services to education

Professor Azra Ghani

Chair in Infectious
Disease Epidemiology,
School of Public Health
Elected to the Fellowship of the
Academy of Medical Sciences

Amy Gibson

Taught Postgraduate, Physics
Won Gold with Imperial College
Boat Club at the European
University Rowing Championships

Professor Sue Gibson

Chair in Chemistry and Director
of the Graduate School
Part of the winning Graduate
School team, which received a
Student Experience prize at the
2017 Guardian University Awards

Dr Ben Glocker

Senior Lecturer, Computing
Awarded an European Research
Council Starting Grant for work
on AI technology

Professor Sir Hugh (Charles) Godfray

PhD Botany and Plant Technology
1982
Knighted for services to scientific
research and for scientific services
to the government

Natalia Goehring

ICB CDT Project Manager,
Chemistry
Joint winner of the Royal Society
of Chemistry Rita & John Cornforth
Award with the Membrane
Biophysics Platform team

John Goode

BEng Royal School of Mines 1963
Received the Selwyn
Blaylock Canadian Mining
Excellence Award

Professor Julia Gorelik

Professor of Cellular Biophysics,
National Heart and Lung Institute
Awarded a Programme Grant
of over £1 million by the
British Heart Foundation

Dr Eva-Maria Graefe

Research Fellow (Royal Society
University Research Fellow),
Mathematics
Winner of the 2017 APEX
Awards for Excellence in
Cross-Disciplinary Research

Dr Rylie Green

Senior Lecturer, Bioengineering
Joint awardee of £7.8 million
in European Research
Council funding through
The Consolidator Grants



Professor James Durrant
Professor of Photochemistry,
Chemistry
Elected a Fellow of the
Royal Society



Dr Marina Galand
Reader in Planetary
Science, Physics
Awarded the Fernand
Holweck Medal and
Prize by the Institute
of Physics and French
Physical Society



Dr Eva-Maria Graefe
Research Fellow
(Royal Society University
Research Fellow),
Mathematics
Winner of the 2017 APEX
Awards for Excellence
in Cross-Disciplinary
Research



Dr Florence Gschwend

Research Associate, Chemical Engineering
Part of the winning team led by Dr Jason Hallet for the Royal Society Translation Award



Professor Alison Holmes

Professor of Infectious Diseases, Medicine
Elected to the Fellowship of the Academy of Medical Sciences



Dr Mirko Kovac

Senior Lecturer, Aeronautics
Winner of the Codex 50 Innovators of Industry of the Future Award

Professor Uta Griesenbach

Professor of Molecular Medicine, National Heart and Lung Institute
Named as the first woman President of the British Society for Gene and Cell Therapy

Dr Florence Gschwend

Research Associate, Chemical Engineering

Part of the winning team led by Dr Jason Hallet for the Royal Society Translation Award

Dr Deniz Gündüz

Reader, Electrical and Electronic Engineering
Winner of the IEEE Communication Society - Communication Theory Technical Committee 2017 Early Achievement Award

Professor Martin Hairer

Chair in Probability and Stochastic Analysis, Mathematics
Elected a Foreign Member of the Polish Academy of Sciences

Henrik Hagemann

MSc Bioengineering 2015
Awarded the Worshipful Company of Armourers & Brasiers' Venture Prize worth £25,000 for an innovative water-filtration startup – CustoMem. Also awarded €1.4m grant from the EU's Horizon 2020 programme to bring its innovative water filtration system to market

Dr Jason Hallet

Reader in Sustainable Chemical Technology, Chemical Engineering
Winner of the Royal Society Translation Award and featured in the World Economic Forum Young Scientists Programme in 2016 and 2017

Professor George Hanna

Professor of Surgical Sciences and Head of Division, Surgery and Cancer
Awarded £1.3 million by the NIHR for research into in vitro diagnostic devices for the NHS and £1.2 million by Health Education England to develop a clinical training programme

Professor Sian Harding

Professor of Cardiac Pharmacology and Interim Head of the National Heart and Lung Institute
Received £2.5 million as part of the renewal of funding for the British Heart Foundation Cardiovascular Regenerative Centre

Jacob Hartig

Chemistry, 2012
Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Dr Caroline Hargreaves

Senior Teaching Fellow, Graduate School
Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Professor Jonathan Haskel

Professor of Economics, Imperial College Business School
Winner of the Indigo Prize

Kelly Hayes

Professional Development Programmes Manager and Executive Assistant to the Director of the Graduate School
Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Francesca Hegyi

MSc Science Communication 1997
OBE for services to culture in Hull

Dr Sophie Helaine

Senior Lecturer, Medicine
Joint awardee of an European Research Council Starting Grant and winner of the Lister Prize

Professor Ortwin Hess

Leverhulme Chair in Metamaterials, Physics
Awarded the 2016 Royal Society Rumford Medal

Professor David Holden

Director of the Centre for Molecular Biology and Infection
Awarded a Wellcome Trust Investigator Award

Martin Holicky

Undergraduate, Chemistry
Winner of the Overall Winners Prize and the New Accelerator Prize in the Faculty of Natural Sciences Make-A-Difference competition with Team Matoha

Professor Alison Holmes

Professor of Infectious Diseases, Medicine
Elected to the Fellowship of the Academy of Medical Sciences

Dr Gustav Holzegal

Reader in Pure Mathematics, Mathematics
Joint awardee of £7.8 million in European Research Council funding through The Consolidator Grants

Dr Nick Hopkinson

Reader in Respiratory Medicine, National Heart and Lung Institute
Appointed to the NICE panel reviewing new national guidelines on COPD

Rowena Howe

Early Years Section Manager, Early Years Education Centre
The Early Years Centre has been awarded the In Safe Hands Award by the First Aid Industry Body

Dr Oliver Howes

Group Head and Professor of Molecular Psychiatry, Institute of Clinical Sciences
Named as the R. N. Jajoo Memorial Academic Researcher of the Year by the Royal College of Psychiatrists

Fairuzeta Ja'Far

PhD Chemistry 2015
Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Professor Sebastian Johnston

Asthma UK Clinical Chair, National Heart and Lung Institute
Leader of the team of researchers which won the *British Medical Journal* Research Paper of the Year Award for work relating to the use of antibiotics in asthma patients

Professor Sir Peter Knight

Emeritus Professor and Senior Research Investigator, Physics
Awarded an Honorary Doctorate by the University of Birmingham

Professor Alexei Kornyshev

Professor of Chemical Physics, Chemistry
First recipient of the Lynden-Bell Award for work in the field of ionic systems within condensed matter theoretical chemical physics

Dr Nikesh Kotecha

PhD Chemistry 1992
OBE for services to entrepreneurship, innovation in pharmaceutical services and philanthropy

Dr Mirko Kovac

Senior Lecturer, Aeronautics
Winner of Codex 50 Innovators of Industry of the Future Award, winner of the Association for the Advancement of Artificial Intelligence Best Robot Video Award, finalist in the MBZ International Robotics Competition Awards, finalist in the Drones for Good Awards, presented two posters at the UK Parliament as part of the STEM for Britain competition

James Kung

Undergraduate, Chemistry
Winner of the Overall Winners Prize and the New Accelerator Prize in the Faculty of Natural Sciences Make-A-Difference competition with Team Matoha

Laura Lane

Head of Strategy and Operations, Graduate School
Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Ludovico Latmiral

Research Postgraduate, Physics
Received the ItalyMadeMe Award from the Italian Embassy in London in collaboration with Il Circolo and the Association of Italian Scientists in the United Kingdom

Professor Bill Lee

Chair in Ceramic Engineering, Materials
Served as the first non-US President of the American Ceramic Society in 2017

Professor Robert V. Law

Professor of Biological Materials, Chemistry

Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Dr Christoph Lees

Head of Fetal Medicine at Imperial College Healthcare NHS Trust and Clinical Reader in Obstetrics

Awarded funding of £2.2 million by the Medical Research Council to conduct the first human trials to treat twin-twin transfusion

Professor Michael Levin

Chair in Paediatrics and International Child Health

MBE for services to infectious diseases, critical care and research in paediatrics

Christopher Liu

MBBS Charing Cross Hospital Medical School 1985

OBE for services to ophthalmology

Professor Clare Lloyd

Vice-Dean (Institutional Affairs), Faculty of Medicine

Awarded £2.8 million to establish the British Lung Foundation Early COPD cohort and co-lead of the NHLI Foundation Centre for Airways Disease in Children and Young Adults with Professor Wisia Wedzicha

Dr Benny Lo

Senior Lecturer, Surgery and Cancer

Awarded a Bill and Melinda Gates Foundation Grant for research into a passive dietary monitoring system

Dr Cristina Lo Celso

Reader in Stem Cell Biology, Life Sciences

Awarded the Foulkes Foundation Medal by the Academy of Medical Sciences

Dr Michael P. Loosemore

School of Medicine 1985

MBE for services to sports medicine

Rosa Macey

Undergraduate, Materials

Co-founder of ThinAir, the winner of Enterprise Nation's first ever Student Start-Up of the Year award at the 2017 Venture Catalyst Challenge

Professor Anthony Magee

Chair in Membrane Biology and Deputy Director of the Graduate School

Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Professor Toby Maher

Professor of Interstitial Lung Disease, National Heart and Lung Institute

Awarded role of Research Chair in the area of respiratory research by the British Lung Foundation

Professor Cedo Maksimovic

Emeritus Professor, Civil and Environmental Engineering

Awarded an honorary doctorate by the École des Ponts ParisTech

Muhammed Maktari

Undergraduate, Life Sciences

Co-founder of ThinAir, the winner of Enterprise Nation's first ever Student Start-Up of the Year award at the 2017 Venture Catalyst Challenge

Dr William Man

Honorary Clinical Senior Lecturer, National Heart and Lung Institute

Winner of the Royal College of Physicians and Clinical Research Network Award

Professor Paul Matthews

Edmond and Lily Safra Chair and Head of Brain Sciences

Elected a member of the Academia Europaea and won a bid to host a new UK Dementia Research Institute centre at Imperial

Mala Mawkin

Undergraduate Student, Medicine

Featured in the *Forbes* 30 Under 30 List Europe 2018 for science and healthcare

Dr Clive Meux

Westminster Hospital Medical School 1983

OBE for services to people with mental ill health

Rafael Michali

MEng Bioengineering 2017

Featured in the *Forbes* 30 Under 30 List Europe 2018 for science and healthcare

Professor Irene**Miguel-Aliaga**

Professor of Genetics and Physiology, Institute of Clinical Sciences

Elected a member of the European Molecular Biology Organisation

Professor Gerard Milburn

Academic Visitor, Physics

Elected a Fellow of the Royal Society

Dr Ruth Misener

Senior Lecturer, Computing

Featured in the American Institute of Chemical Engineers AIChE 35 Under 35 list and winner of the Royal Academy of Engineering Engineers Trust Young Engineer of the Year award and Sir George Macfarlane Medal

Professor Aimee Morgans

Professor of Themofluids, Mechanical Engineering

Joint awardee of £7.8 million in European Research Council funding through The Consolidator Grants

Professor Jonathan Morrison

Professor of Experimental Fluid Mechanics, Aeronautics

Awarded Fellowship of the Royal Aeronautical Society

Dr Serge Mostowy

Research Fellow, Medicine

Joint awardee of £7.8 million in European Research Council funding through The Consolidator Grants

Nicholas Moul

Postgraduate Development Officer, Graduate School

Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Nick Munro

Industrial Design Engineering 1985

Elected a Fellow of the City and Guilds of London Institute

Pae Natwilai

MSC Global Innovation Design 2015

Winner of the 2017 Design in Innovation Award and featured in *Forbes* 30 Under 30 Europe

Professor Jenny Nelson

Professor of Physics, Physics

Awarded an European Research Council Advanced Grant

Professor David Nethercot

Emeritus Professor and Senior Research Investigator, Civil and Environmental Engineering

Awarded honorary membership of IABSE in appreciation of his services to the Association

Dr Johannes Nicaise

Reader in Pure Mathematics, Mathematics

Winner of the Ferran Sunyer i Balaguer Prize for *Motivic Integration* with co-authors Antoine Chambert-Loir and Julien Sebag

Professor Jeremy Nicholson

Head of the Department of Surgery and Cancer

Chosen to give the Wallace H. Coulter Lecture at Pittcon 2018

Boris Ochoa-Tocachi

Research Postgraduate, Civil and Environmental Engineering

Awarded \$15 million by USAID as part of a consortium led by Forest Trends

Dr Diego Oyarzún

Research Fellow, Mathematics

Named as one of the 100 Young Global Changers by the Think 20 Summit, mandated by the G20 Presidency

Dr Georgios Papadakis

Reader in Aerodynamics, Aerodynamics

Winner of the Outstanding Technical Paper Award from ASME, Pressure Vessels and Piping Division

Professor Thomas Parisini

Chair in Industrial Control, Electrical and Electronic Engineering

Elected a Fellow of the International Federation of Automatic Control

Dr Miles Payling

MBBS Medicine 2011

Winner of the People's Award at the Ability Net Tech4Good Awards

Professor The Lord Ara Darzi

Professor of Surgery and Head of the Institute of Global Health Innovation

Presented with the Order of Honor by the President of Armenia in recognition of achievements in the fields of science and medicine and in strengthening UK-Armenia relations

Dr James Pease

Reader in Leukocyte Biology, National Heart and Lung Institute

Winner of Glaxo SmithKline's 2016 UK Golden Triangle Discovery Fast Track Challenge

Professor Sir John Pendry

Chair in Theoretical Solid State Physics, Physics

Winner of the International Union of Radio Science Dellinger Gold Medal

Dr Camille Petit

Senior Lecturer, Chemical Engineering

Featured in the American Institute of Chemical Engineers AIChE 35 Under 35 list

Professor Chris Phillips

Professor of Experimental Solid State Physics, Physics

Featured in the World Economic Forum Young Scientists Programme in 2017



Professor Carol Propper

Chair in Economics, Associate Dean of Faculty and Research, Imperial College Business School
Received the International Health Economics Association's 25th Arrow Award



Gabriella Santosa

BSc Biochemistry 2016
Awarded the Worshipful Company of Armourers & Brasiers' Venture Prize worth £25,000



Professor Robin Shattock

Chair in Mucosal Infection and Immunity, Medicine
Elected to the Fellowship of the Academy in Medical Sciences

Professor Silvestre Pinho

Professor in the Mechanics of Composites, Aeronautics
Elected to the Council of the International Committee on Composite Materials

Dr Cheryll D Pitt

PhD Metallurgy and Materials Science 1979
OBE for services to aviation safety

Professor David Potts

Professor of Structural Engineering, Civil and Environmental Engineering
Joint winner of the Geotechnical Research Medal for best paper in the journal *Géotechnique* at the ICE Publishing Awards 2017

Dr Sanjay Prasad

Clinical Reader in Inherited Cardiac Conditions, National Heart and Lung Institute
Joint awardee of a £1.6 million Strategic Award by the British Heart Foundation

Dr Jonathan Pritchard

Senior Lecturer, Physics
Winner of the Fowler Award for Astronomy

Professor Carol Propper

Chair in Economics, Associate Dean of Faculty and Research, Imperial College Business School
Received the International Health Economics Association's 25th Arrow Award

Dr Sowmya Purushothaman

MBBS Medicine 2011
Winner of the People's Award at the Ability Net Tech4Good Awards

Dr Isabel Rabey

Research Associate, Physics
Received a Poster Prize and special mention at the University of Groningen's 'Search for new physics with low-energy precision tests' summer school

Alberto Ramirez Ramos

Barista, Campus Services
Awarded Silver in the Barista Skills Challenge at The University Caterers Organisation annual skills competition

Professor Anna Randi

Professor of Cardiovascular Medicine, National Heart and Lung Institute
Awarded a Programme Grant of over £1.25 million by the British Heart Foundation

Dominic Rees-Roberts

MSc Science Media Production 2010
Highly Commended in the Community Communication category of the Antibiotic Guardian Awards for the film *CATCH*

Guy Riese

Mechanical Engineering 2015
Featured in the *Forbes* 30 Under 30 List Europe 2018 for social entrepreneurs

Jonathan Risley

Undergraduate, Life Sciences
Co-founder of ThinAir, the winner of Enterprise Nation's first ever Student Start-Up of the Year award at the 2017 Venture Catalyst Challenge

Bethan Ritchie

Deputy Manager of the Graduate School
Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Professor David (Roy) Sandbach

Chemistry 1975
OBE for services to science, innovation and skills

Gabriella Santosa

BSc Biochemistry 2016
Awarded the Worshipful Company of Armourers & Brasiers' Venture Prize worth £25,000 for an innovative water-filtration startup – CustoMem. Also awarded €1.4m grant from the EU's Horizon 2020 programme to bring its innovative water filtration system to market

Trisha Saxena

Undergraduate, Physics
Winner of the National Female Undergraduate of the Year Award

Dr Giordano Scarciotti

Lecturer and Junior Research Fellow, Electrical and Electronic Engineering
Received the ItalyMadeMe Award from the Italian Embassy in London in collaboration with Il Circolo and the Association of Italian Scientists in the United Kingdom

Professor Michael Schneider

Chair in Cardiology, National Heart and Lung Institute
Received £4.5 million in funding from the Wellcome Trust for research investigating how to reduce damage to heart muscle during heart attacks

Professor Steven Schwartz

Chair in Space Physics, Physics
Awarded the Cecilia Payne-Gaposchkin Medal and Prize for work in astrophysics and plasma physics

Professor Michael Seckl

Professor of Molecular Cancer Medicine, Surgery and Cancer
Elected to the Fellowship of the Academy of Medical Sciences

Professor John Seddon

Professor of Chemical Physics, Chemistry
Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Dr Paul Seldon

Senior Teaching Fellow, Graduate School
Part of the winning Graduate School team, which received a Student Experience prize at the 2017 *Guardian* University Awards

Dr Helen Sharman

Departmental Operations Manager, Chemistry
Companion of the Order of St Michael and St George for services to science and technology educational outreach

Professor Robin Shattock

Chair in Mucosal Infection and Immunity, Medicine
Elected to the Fellowship of the Academy in Medical Sciences

Professor Andrew Shennan

St Mary's Hospital Medical School 1985
OBE for services to maternity care

Dr Yusef Sherwani

Medicine 2017
Featured in the *Forbes* 30 Under 30 List Europe 2018 for social entrepreneurs

Professor Spencer Sherwin

Professor of Computational Fluid Mechanics, Aeronautics
Elected to the Fellowship of the Royal Academy of Engineering

Sarim Siddiqui

Medicine 2017
Featured in the *Forbes* 30 Under 30 List Europe 2018 for social entrepreneurs

Dr Nicholas Simmonds

Honorary Clinical Senior Lecturer, National Heart and Lung Institute
Winner of the Royal College of Physicians and NIHR award for outstanding research leadership in the NHS

Professor Stephen Skinner

Professor of Materials Chemistry, Materials
Winner of the Kroll Medal and Prize by the Institute of Materials, Minerals and Mining (IoM3)

Dr Robert Snelgrove

Senior Research Fellow, National Heart and Lung Institute
Awarded a Wellcome Trust Senior Fellowship for work on inflammation and remodelling in chronic lung disease

Professor Sir Robert Sparks

BSc Geology 1971, PhD 1974
Knighted for services to volcanology and geology

Sir Stephen Speed

MBA 1998
Companion of the Order of Bath for services to the oil and gas industry

Michael Speight

BEng Chemical Engineering and Chemical Technology 1981
BEM for services to the community in Rotherham

Dr Jamie Standing

Reader in Ground Engineering, Civil and Environmental Engineering

Joint winner of the Geotechnical Research Medal for best paper in the journal *Géotechnique* at the ICE Publishing Awards 2017

Professor Sir Terence Stephenson

Electrical Engineering 1980

Knighted for services to healthcare and children's health services

Professor Molly Stevens

Professor of Biomedical Materials and Regenerative Medicine, Materials

Winner of the Harrison Medal by the Royal Pharmaceutical Society

Professor Jonathan Stoye

Professor of Endogenous Retroviruses, Medicine

Elected a Fellow of the Royal Society

Bernard Taylor

Member of the Court of Imperial College London
CBE for services to business, education and the arts

Professor Roy J. Taylor

Professor of Ultrafast Physics and Technology, Physics

Elected a Fellow of the Royal Society and awarded the Oxburgh Medal by the Institute of Measure and Control

Professor Richard Templer

Director of UK Co-Location Centre for Climate KIC, Chemistry

Joint winner of the Royal Society of Chemistry Rita & John Cornforth Award with the Membrane Biophysics Platform team

Dr Michael Templeton

Reader in Public Health Engineering, Civil and Environmental Engineering

Elected a Fellow of the ICE, awarded £1.5 million from the ESPRC to lead a Global Challenges Research Fund project and winner of the International Society for Neglected Tropical Diseases Water 2017 Data Award

Jansen Teng Weng Nang

Undergraduate, Life Sciences

Co-founder of ThinAir, the winner of Enterprise Nation's first ever Student Start-Up of the Year award at the 2017 Venture Catalyst Challenge

Professor Terry Tetley

Consul (Non-Clinical) for the Faculty of Medicine

Leader of Imperial's three-year research collaboration with Astra-Zeneca to establish respiratory and neurophysiology models to inform new targets for inflammation, airway integrity, cough and airway irritancy

Dr Gabrielle Thomas

Academic Visitor, Physics, PhD Laser Physics and Nonlinear Optics 2011

Featured in the World Economic Forum Young Scientists Programme in 2016 and 2017

Dr Omar Usmani

Reader in Respiratory Medicine, National Heart and Lung Institute

Awarded a four-year contract by the United States Food and Drug Administration as Principal Investigator for a \$2.3 million project on asthma treatments

Professor Patrick Vallance

Honorary degree recipient, President of Research and Development, GlaxoSmithKline

Elected a Fellow of the Royal Society

Professor Tommaso Valletti

Professor of Economics, Imperial College Business School

Winner of the *International Journal of Industrial Organization* Best Paper Award

Professor Roland Veltkamp

Professor of Neurology and Chair of Stroke Medicine

Awarded European Research Council funding through Societal Challenges pillar, part of the EU's Horizon 2020 programme

Dr Kirill Veselkov

Lecturer, Surgery and Cancer

Selected by World Economic Forum to join the Young Scientist Community of 50 extraordinary scientists under the age of 40

Dr Robert Vollum

Reader in Concrete Structures, Civil and Environmental Engineering

Nominated as Deputy Delegate for the International Federation for Structural Concrete (fib) UK

Dr Joanne Wade

Chemistry 1987, MSc Environmental Technology 1988, PhD 1994

OBE for services to energy efficiency

Dr Zehan Wang

PhD Computing 2014
Joint winner of the Royal Academy of Engineering Silver Medal for achievements at Magic Pony Technology

Dr James Ware

Clinical Senior Lecturer in Genomic Medicine, National Heart and Lung Institute

Joint awardee of a £1.6 million Strategic Award by the British Heart Foundation

Professor Jonathan Weber

Acting Dean of the Faculty of Medicine

Awarded funding from the European and Developing Countries Clinical Trial Partnership in the vaccines for poverty-related diseases call

Professor Wisia Wedzicha

Clinical Chair in Respiratory Medicine, Medicine

Awarded £2.8 million to establish the British Lung Foundation Early COPD cohort and co-lead of the NHLI Foundation Centre for Airways Disease in Children and Young Adults with Professor Clare Lloyd

Professor Tom Welton

Dean of the Faculty of Natural Sciences
OBE for services to diversity in education

Jane Whitton

Programme Manager, School of Public Health, MSc Epidemiology 2013

Completed the London Marathon and raised £60,765 to treat children with schistosomiasis

Professor Dale Wigley

Chair in Protein Crystallography, Medicine

Awarded a Wellcome Trust Investigator Award

Professor Robert Wilkinson

Professor in Infectious Diseases, Medicine

Elected to the Fellowship of the Academy of Medical Sciences

Professor Thomas Williams

Chair in Haemoglobinopathy Research, Medicine

Elected to the Fellowship of the Academy of Medical Sciences

Professor David Wilson

Visiting Professor of Waste Management, Civil and Environmental Engineering

Inaugurated as the 102nd President of the Chartered Institution of Wastes Management

Dr Hong Wong

Senior Lecturer, Civil and Environmental Engineering

Elected as Head of the Scientific Committee and member of the Steering Committee for Nanocem

Devika Wood

MA Public Health 2014

Featured in the *Forbes* 30 Under 30 List Europe 2018 for science and healthcare

Sir Christopher Wormald

MBA 1999

KCB for public service

Professor Mike Wright

Professor of Entrepreneurship, Imperial College Business School

Elected to the Fellowship of the Strategic Management Society

Dr Shuang-Yong Zhou

Research Associate, Physics

Winner of a 1000 Young Talent Award, funded by the Chinese Central Government



Professor Molly Stevens

Professor of Biomedical Materials and Regenerative Medicine, Materials
Winner of the Harrison Medal by the Royal Pharmaceutical Society



Professor Tommaso Valletti

Professor of Economics, Imperial College Business School
Winner of the *International Journal of Industrial Organization* Best Paper Award



Professor Tom Welton

Dean of the Faculty of Natural Sciences
OBE for services to diversity in education

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