

Imperial College  
London

# PRESIDENT'S ADDRESS

Wednesday 22 March 2017

# Welcome

Our colleagues at Imperial inspire us daily with their commitment to be the very best at what they do. Their recognition, often in the form of awards, is a real testament to the breadth and depth of experience we have at our College. And so as we gather to take stock of our common goals of excellence in research and education, we take great pleasure in celebrating the external awards and accolades granted to our community this year.

This booklet includes the names and a brief description of the achievements of staff, students and alumni of the College receiving awards in the past twelve months. The individuals listed have been supported in their achievements by wonderful teams, collaborators, friends, and colleagues.

Many congratulations to all those who have been recognised for their work. We can all take pride in their achievements. It is the collective strength of the Imperial community that helps us to succeed in our endeavours, create enduring excellence, and change the world for the better.

Professor Alice P. Gast  
President of Imperial College London

## Dr Ainara Aguadero

*Lecturer in Materials*  
Awarded the MIT Imperial College  
London Seed Fund

## Dana Al Sulaiman

*Research Postgraduate,  
Bioengineering*  
Awarded bronze in the Engineering  
category at the SET for Britain event

## Luca Alessandrini

*MSc Innovation Design  
Engineering 2016*  
Winner of the International Student  
Innovation Awards

## Professor Neil Alford

*Associate Provost (Academic Planning)*  
Winner of the 2016 Armourers  
& Brasiers' Company Prize

## Talib Alhinai

*PhD, Aeronautics*  
Featured in *Forbes* 30-under-30 Europe  
list that celebrates 300 of Europe's  
boldest young entrepreneurs

## Professor Eric Alton

*Chair in Gene Therapy,  
National Heart and Lung Institute*  
Appointed NIHR Clinical Research  
Network (CRN) National Lead for  
CRN Theme B

## Dr Harry Antoniades

*Reader in Hepatology,  
Surgery and Cancer*  
Received substantial funding to run  
a three year multi-centre clinical trial

## Nicholas Aristidou

*Research Postgraduate, Chemistry*  
Awarded first prize of £10,000 at the  
2016 Venture Catalyst Challenge for  
BioNet Agriculture company

## Lisa Asher

*Undergraduate, Bioengineering*  
Part of the winning team for the  
iGEM Grand Prize for Undergraduates  
as well as Best Wiki, Best Poster,  
Best New Basic Part, Best Education  
and Outreach, and Best Foundational  
Advance

## Sir Roger Gilbert Bannister

*Medicine 1954*  
CH for services to sport

## Professor Jim Barber

*Senior Research Investigator,  
Life Sciences*  
Awarded the 2016 Porter Medal

## Professor Wendy Barclay

*Chair in Influenza Virology, Medicine*  
Publication of a prominent paper in  
*Nature* and achieved a Wellcome Trust  
Investigator Award and a  
Wellcome Trust Collaborator Award

## Richard Charles Moss Barnes

*Electrical Engineering 1940*  
BEM for services to the community  
in Abingdon, Oxfordshire

## Professor Carl Bender

*Visiting Professor, Physics*  
Awarded the AIP Heineman prize

## Professor James Best

*Honorary Clinical Professor, Medicine*  
Appointed an Officer of the  
Order of Australia

## Akash Bhattacharjee

*Undergraduate, Biochemistry*  
Part of the winning team for the  
iGEM Grand Prize for Undergraduates  
as well as Best Wiki, Best Poster,  
Best New Basic Part, Best Education  
and Outreach, and Best Foundational  
Advance

## Dr Marta Blangiardo

*Senior Lecturer, School of Public Health*  
Awarded a Great Britain Sasakawa  
Foundation Butterfield Award for a UK-  
Japan joint spatial analysis to identify  
risk factors for key non communicable  
diseases

## Professor Sir Steve Bloom

*Head of Division of Diabetes,  
Endocrinology and Metabolism,  
Medicine*  
Received the Society of Endocrinology  
Jubilee Medal and appointed  
Clinical Director of the North West  
London Pathology Directorate

## Jonathan William Bloomer

*Physics 1974*  
MBE for voluntary services to children  
and young people

## Alex Bond

*PhD, Chemical Biology*  
Winner of the Shell LiveWire  
competition and featured in *Forbes*  
30-under-30 Europe list that celebrates  
300 of Europe's boldest young  
entrepreneurs

## Alice Boo

*Undergraduate, Bioengineering*  
Part of the winning team for the iGEM  
Grand Prize for Undergraduates as  
well as Best Wiki, Best Poster, Best  
New Basic Part, Best Education and  
Outreach, and Best Foundational  
Advance

## Dr Ben Britton

*Lecturer, Materials*  
Winner of a Royal Academy of  
Engineering Engineers Trust Young  
Engineers of the Year award

## Simon Broomfield

*Executive Weekend MBA,  
Business School*  
Winner of the *Financial Times*  
FTMBA Quiz

## Professor Anthony Bull

*Head of Department of Bioengineering*  
Director of the Royal British Legion  
Centre for Blast Injury Studies, which  
has received renewed funding of  
£5 million

## Professor John Burland

*Emeritus Professor and Senior  
Research Investigator*  
Elected as a Foreign Member to the US  
National Academy of Engineering

## Victoria Burton

*PhD, Life Sciences*  
Awarded a British Ecological Society  
Student/Early Career Researcher Public  
Engagement Award

## Professor Andrew Bush

*Professor of Paediatric Respiriology,  
National Heart and Lung Institute*  
Awarded Wellcome Trust Strategic Grant

## Dr Olivia Hazel Carlton

*Medicine 1983*  
OBE for services to Transport for  
London and occupational medicine

## Teal Carter

*Undergraduate, Bioengineering*  
Part of the winning team for the iGEM  
Grand Prize for Undergraduates as  
well as Best Wiki, Best Poster, Best  
New Basic Part, Best Education and  
Outreach, and Best Foundational  
Advance

## Simon Cartmell

*Operating Partner at Imperial  
Innovations*  
OBE for services to the healthcare  
business sector

## Dr Enrique Castro-Sanchez

*Academic Research Nurse*  
Award for 2016's Best Reviewer for  
*Perspectives in Public Health*

## Smita Charani

*Senior Lead Pharmacist, Medicine*  
Appointed as an Expert Adviser to the  
NICE Centre for Guidelines

## Stelios Chatzimichail

*Research Postgraduate, Chemistry*  
Awarded first prize of £10,000 at the  
2016 Venture Catalyst Challenge for  
BioNet Agriculture company

## Dr Christopher Chen

*STFC Ernest Rutherford Research  
Fellow, Physics*  
Recipient of the Fowler Award for  
Geophysics

## Laura Connell

*Research Postgraduate, Medicine*  
Awarded a Fulbright Scholarship to  
undertake an MBA at Harvard Business  
School

## Professor William Cookson

*Professor of Genomic Medicine,  
National Heart and Lung Institute*  
Lead for the new National  
Mesothelioma Centre

## Dr Samuel Cooper

*Research Associate, Earth Science  
and Engineering*  
Winner of 2016 Daiwa Adrian Prize

## Professor Martin Cowie

*Chair in Cardiology, National Heart  
and Lung Institute*  
Appointed NICE non-executive director  
and Expert Advisor to NICE's Centre for  
Clinical Practice

### Lynne Cox

*Director of the Research Office*  
BEM for services to research in higher education

### Professor Sir David Cox

*Former Head of the Department of Mathematics*  
Winner of the inaugural International Prize in Statistics

### Dr Paola Criscuolo

*Associate Professor, Business School*  
Two awards received from German institutions for *Academy of Management Journal* paper: the Jürgen Hauschildt Award for the best research publication in innovation management and the EBS Business School Best Paper Award in Innovation Management

### Judith Lucetta Crompton

*Life Sciences 1977*  
MBE for services to the environment and the community in Dorset

### Professor Paul Cullinan

*Professor of Occupational and Environmental Respiratory Disease, National Heart and Lung Institute*  
Awarded the ADVANCE project

### Faisal Dajani

*Executive Weekday MBA, Business School*  
Winner of *Financial Times* FT MBA Quiz

### Edward Daniels

*MEng Chemical Engineering 1988*  
Awarded the 2016 IChemE Council Medal from The Institution of Chemical Engineers

### Akashaditya Das

*Undergraduate, Bioengineering*  
Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Giskin Day

*Principal Teaching Fellow, School of Professional Development*  
Awarded a National Teaching Fellowship from the Higher Education Academy

### Dr Michel Della Negra

*Distinguished Research Fellow, Physics*  
Winner of the W.K.H Panofsky Prize in Experimental Particle Physics

### Elena Dieckmann

*Research Postgraduate, Dyson School of Design Engineering*  
Winner of 2016 Women in Innovation Award and featured in the *Forbes* 30-under-30 Europe list that celebrates 300 of Europe's boldest young entrepreneurs

### Victor Dillard

*MEng Chemical Engineering 2011*  
Featured in the *Forbes* 30-under-30 Europe list that celebrates 300 of Europe's boldest young entrepreneurs

### Professor Christl Donnelly

*Professor of Statistical Epidemiology*  
Elected as a Fellow of the Royal Society

### Professor Michele Dougherty

*Professor of Space Physics*  
Awarded the Royal Astronomical Society Gold Medal

### Ellen Dowell

*NHLI Public Engagement Officer, National Heart and Lung Institute*  
Designed and supported an NHLI outreach programme shortlisted for the Science, Technology, Engineering and Maths (STEM) award in the national Engage Competition

### Charaf El Mansouri

*MBA Management 2016*  
Winner of *Financial Times* FT MBA Quiz

### Professor Ahmed Elghazouli

*Professor of Structural Engineering and Head of Structures Section, Civil and Environmental Engineering*  
Elected to the Fellowship of the Royal Academy of Engineering and Awarded the IStructE prize for Best Research Paper 2016 in Structures Journal

### Dr Tom Ellis

*Reader in Synthetic Genome Engineering, Bioengineering*  
Awarded the MIT Imperial College London Seed Fund

### Professor Alan Fenwick

*Professor of Tropical Parasitology, School of Public Health*  
The Schistosomiasis Control Initiative (SCI) has been awarded an A+ ranking from the UK government's Department for International Development (DFID) and ranked as a 'Top Charity' for the sixth consecutive year by GiveWell

### Professor Dame Amanda Fisher

*Director of the MRC London Institute of Medical Sciences (LMS)*  
DBE for services to medical research and the public understanding of science

### Charles Robin Frankish

*Civil and Environmental Engineering 2001*  
BEM for services to transport and the community in London

### Andrea Galanska

*Catering Assistant, Campus Services*  
Awarded Silver in the Barista Skills Challenge at The University Caterers Organisation competition

### Professor Douglas Gale

*Former Professor of Economics, Business School*  
Awarded the Fellowship of the British Academy

### Professor Andrew John Timothy George

*DSc Medicine 2012*  
MBE for services to research participants and the ethical governance of clinical research

### Dr Theoni Georgiou

*Senior Lecturer, Materials*  
Winner of the 2016 Macro Group UK Young Researchers Medal

### Dr Pantelis Georgiou

*Lecturer in Electrical and Electronic Engineering*  
Team awarded £1.3 million from the Engineering and Physical Sciences Research Council (EPSRC) and £79,000 from partners to develop technology for a smart app to help people with diabetes

### Dr Myriam Gharbi

*Surveillance Research Associate, School of Public Health*  
Awarded a School of Public Health/ Athena SWAN Early Career Travel Award

### Professor Vernon Charles Gibson

*Visiting Professor, Materials*  
CB for services to defence

### Jimena Gonzalez Mardjetko

*MBA Management 2016*  
Winner of *Financial Times* FT MBA Quiz

### Professor Anthony Gordon

*Chair in Anaesthesia and Critical Care and NIHR Research Professor, Surgery and Cancer*  
Invited to give a plenary talk in the 'Hot Topics' session at the 2016 European Society of Intensive Care Medicine annual conference

### George Gowers

*Executive Weekend MBA 2017*  
Winner of *Financial Times* FT MBA Quiz

### Professor Sue Grimes

*RAEng Chair in Waste & Resource Management, Civil and Environmental Engineering*  
Awarded the Fellowship of the Chartered Institution of Wastes Management

### Dr Gustavo Grinblat

*Research Associate, Physics*  
Awarded the J.J. Giambiagi Prize

### Stefan Grossfurthner

*Life Sciences 2016*  
Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Florence Gschwend

*PhD, Chemical Engineering*  
Featured in the *Forbes* 30-under-30 Europe list that celebrates 300 of Europe's boldest young entrepreneurs

### Dr Miao Guo

*Research Fellow, Chemical Engineering*  
Awarded an Engineering and Physical Sciences Research Council (EPSRC) fellowship



**Professor Michele Dougherty**  
PROFESSOR OF SPACE PHYSICS

*Awarded the Royal Astronomical Society Gold Medal*



**Professor Alan Fenwick**  
PROFESSOR OF TROPICAL PARASITOLOGY,  
SCHOOL OF PUBLIC HEALTH

*Director of Schistosomiasis Control Initiative (SCI) charity which has achieved major recognition*



**Dr Miao Guo**  
RESEARCH FELLOW, CHEMICAL ENGINEERING  
*Awarded an Engineering and Physical Sciences Research Council (EPSRC) fellowship*

### Professor Joanna Haigh

*Co-Director, Grantham Institute for Climate Change & Environment*  
Awarded the 2016 Kelvin Medal of the Royal Philosophical Society of Glasgow

### Professor Benjamin Halpern

*Chair in Marine Conservation, Life Sciences*  
Awarded the A.G. Huntsman award for excellence in marine science from the Royal Society of Canada

### Professor David Hand

*Senior Research Investigator, Mathematics*  
Awarded the 2016 George Box Medal by the European Network for Business and Industrial Statistics

### Dr Anna Hansell

*Reader in Environmental Epidemiology, School of Public Health*  
Joint awardee of the NIHR-funded School of Public Health Research in recognition of excellence in applied public health research in England

### Professor Mark Haskins

*FLSW Professor of Pure Mathematics, Mathematics*  
Awarded the Simons Foundation Award for Special Holonomy in Geometry, Analysis and Physics

### Alyssa Henderson

*Undergraduate, Biochemistry*  
Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Captain Dave Henson

*Research Postgraduate, Bioengineering*  
Won a Bronze medal in the T42 200m at the Rio de Janeiro Paralympics in 2016

### Bernard Hernandez-Perez

*Research Assistant, Electrical and Electronic Engineering*  
Paper accepted for presentation at the 2017 International Conference in Health Informatics

### Professor Ortwin Hess

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

### Dr David Hight

*Former Lecturer in Civil and Environmental Engineering and Visiting Professor*  
Awarded Fellowship of the Royal Society

### Dr Susan Hodgson

*Lecturer Environmental Epidemiology & Exposure Assessment, Centre for Environmental Policy*  
Awarded a Great Britain Sasakawa Foundation Butterfield Award for a UK-Japan joint spatial analysis to identify risk factors for key non communicable diseases

### Professor David Holden

*Professor, Department of Medicine*  
Awarded a Regius Professorship for his work on infectious diseases

### Dr Beth Holder

*Research Associate, Medicine*  
Awarded Bronze in the Biological and Biomedical Sciences Category at the SET for Britain event

### Dr Sarah Holliday

*Research Postgraduate, Chemistry*  
Awarded a Springer Thesis Prize for her thesis on Synthesis and Characterisation of Non-Fullerene Electron Acceptors for Organic Photovoltaics

### Professor Elaine Holmes

*Professor of Chemical Biology and Head of the Division of Computational and Systems Medicine, Surgery and Cancer*  
Featured on the 2016 Analytical Scientist Power List

### Dr Gustav Holzegel

*Reader in Pure Mathematics*  
Awarded a Whitehead Prize for work on black hole stability problem in general relativity

### Thomas Michael Hughes

*MEng Aeronautical Engineering 1991*  
MBE for services to British graduates in Silicon Valley and San Francisco

### Professor Shu (Ron) Hui

*Chair in Power Electronics, Electrical and Electronic Engineering*  
Awarded Fellowship of the Royal Academy of Engineering

### Philip William Hulme

*Mechanical Engineering 1969*  
Knighthood for services to technology and philanthropy

### Professor Bassam Izzuddin

*Professor of Computational Structural Mechanics, Civil and Environmental Engineering*  
Awarded the 2016 IStructE prize for Best Research Paper in *Structures Journal*

### Professor William Jones

*Professor of Combustion, Mechanical Engineering*  
Elected to the Fellowship of the Royal Academy of Engineering

### William Joyce

*Research Postgraduate, Chemistry*  
Awarded first prize of £10,000 in the Venture Catalyst Challenge

### Dr Ramzi Khamis

*NHLI Clinical Research Fellow, National Heart and Lung Institute*  
Awarded a British Heart Foundation Intermediate Clinical Fellowship

### Professor Sir Tom Kibble

*Senior Research Investigator, Physics*  
Posthumously awarded the Institute of Physics Isaac Newton Medal

### Professor John Kilner

*BCH Steele Chair in Energy Materials*  
Awarded the MIT-Imperial College London Seed Fund and Winner of the 2016 Daiwa Adrian Prize

### Professor Myungshik Kim

*Chair in Theoretical Quantum Information Sciences, Physics*  
Awarded the Ho-Am Prize in Science

### Professor Richard Kitney

*Professor of Biomedical Systems Engineering, Bioengineering*  
Elected a Fellow of the Royal Society of Edinburgh, and joint leader of the team which won the iGEM Grand Prize

### Professor Sir Peter Knight

*Emeritus Professor of Quantum Optics*  
Honorary PhD from Strathclyde University

### Dr Matthieu Komorowski

*Clinical Research Fellow in Intensive Care and PhD student, Surgery and Cancer*  
Collaborated with MIT to produce a book that aims to bridge the gap between data scientists and clinicians

### Dr Mirko Kovac

*Senior Lecturer, Aeronautics*  
Joint winner in the national category at the United Arab Emirates Drones for Good competition

### Professor Anthony Kucernak

*Professor of Physical Chemistry*  
Won first prize in the food and water category of the 2016 Royal Society of Chemistry's Emerging Technologies Competition

### Dr Bradley Ladewig

*Senior Lecturer, Chemical Engineering*  
Awarded Fellowship of the Royal Society of Chemistry

### Dr Yossapong Laoonual

*PhD Mechanical Engineering 2005*  
Awarded the Professional Achievement Award for his work on promoting electric vehicle technology by the British Council Alumni Awards

### Professor Bill Lee

*Chair in Ceramic Engineering, Materials*  
Appointed as the first non-US president of the American Ceramic Society (ACerS)

### Dr Jia Li

*Lecturer in Human Development and Microbial Signalling, Surgery and Cancer*  
Won fellowships from the Medical Research Council and the European Research Council

### Jonathan G Li

*Undergraduate, Bioengineering*  
Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Dr Yen-Hung Lin

*Research Associate, Physics*  
Received the Graduate Student Gold Award from the Materials Research Society

### Bryan Liu

*MEng Mathematics and Computer Science 2016*  
Winner of the 2016 Outstanding Information Technology Student Prize, awarded by the Worshipful Company of Information Technologists

### Professor Clare Lloyd

*Professor of Respiratory Immunology, National Heart and Lung Institute*  
Awarded the Wellcome Trust Strategic Grant

### Henry Lloyd-Laney

*Undergraduate, Biochemistry*  
Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Professor Mary Ann Lumsden

*Medicine 1977*  
OBE for services to women's health

### Professor Daqing Ma

*Professor of Anaesthesia, Surgery and Cancer*  
Received an Outstanding Award from the Chinese Society of Anaesthesiology and *Chinese Journal of Anaesthesiology*

### Marcus Lindsay MacDonald

*Bruton*  
*MBA Management 1998*  
OBE for services to supporting improvements to frontline military equipment

### Vari Macdougall Drennan

*Health Management 1995*  
MBE for services to health policy research, development and nursing

### Dr Luca Magnani

*Research Fellow in the Division of Cancer, Surgery and Cancer*  
Won a Cancer Research UK Career Development Fellowship

### Professor Kathryn Maitland

*Professor of Tropical Paediatric Infectious Disease, Medicine*  
Elected to the Fellowship of the Academy of Medical Sciences

### Professor Azeem Majeed

*Professor in Primary Care and Public Health, School of Public Health*  
Joint awardee of the NIHR-funded School of Public Health Research in recognition of excellence in applied public health research in England

### Dr Arnab Majumdar

*Senior Lecturer in Transport, Civil and Environmental Engineering*  
Awarded Grantholder of the Year for the Best Research Centre at the Lloyds Register Foundation Annual International Conference

### Daniel Malko

*Research Associate, Chemistry*  
Won first prize in the food and water category of the 2016 Royal Society of Chemistry's Emerging Technologies Competition

### Professor Athanasios

*Mantalaris*  
*Professor in Biosystems Engineering, Chemical Engineering*  
Awarded 2016 IChemE Donald Medal by The Institution of Chemical Engineers

### Dr Séverine Maréchal

*Research Associate, Civil and Environmental Engineering*  
Awarded SMEED Prize at the Annual University Transport Studies Group Conference

### Anthony Michael Howitt Marshall

*Environmental Policy 1967*  
BEM for services to the community in Old Warden, Bedfordshire

### Professor Omar Matar

*Professor of Fluid Mechanics, Chemical Engineering*  
Placed in the top five of the 2016 National Science Photography competition, organised by the EPSRC and PETRONAS/RAEng Research Chair in Multiphase Flows and Thermal Management

### Dr Vanessa Linda Mayatt

*Chemical Engineering 1979*  
OBE for services to public health and animal health





**Professor Jenny Nelson**  
PROFESSOR OF PHYSICS

*Awarded the Institute of Physics (IOP) Faraday Medal for her advances in the science of nanostructured and molecular semiconductor materials*



**Rashik Parmar**  
COMPUTING 1983

*MBE for services to innovation and business*



**Ryan Robinson**

PHD, NATIONAL HEART AND LUNG INSTITUTE

*Featured in Forbes 30-under-30 Europe list celebrating Europe's boldest young entrepreneurs*

**Professor Hans Michels**

*Senior Research Fellow, Chemical Engineering*

Awarded Fellowship of The Institution of Chemical Engineers

**Benjamin Miller**

*MEng Bioengineering 2012*

Awarded a Fulbright Scholarship to undertake a PhD in Bioengineering at the Massachusetts Institute of Technology (MIT)

**Professor Chris Millett**

*Professor of Public Health, School of Public Health*

Joint awardee of the NIHR-funded School of Public Health Research in recognition of excellence in applied public health research in England

**Carys Moller**

*Undergraduate, Bioengineering*

Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

**Professor Jenny Nelson**

*Professor of Physics*

Awarded the Institute of Physics (IOP) Faraday Medal for her advances in the science of nanostructured and molecular semiconductor materials

**Professor David Nethercot**

*Emeritus Professor and Senior Research Investigator, Civil and Environmental Engineering*

Awarded the 2016 IStructE prize for Best Research Paper 2016 in *Structures Journal*

**Professor Andres Neves**

*Professor of Pure Mathematics*

Awarded the 2016 New Horizons in Mathematics Prize

**Professor Sir Anthony Newman Taylor**

*President's Envoy for Health and NHLI Director of Research and Development, National Heart and Lung Institute*

Award of ADVANCE project and appointed the Advisory Group Chair for the National Mesothelioma Centre

**Mathew Niania**

*Research Assistant, Materials*

Winner of the 2016 Daiwa Adrian Prize

**Professor David Nutt**

*The Edmond J Safra Chair in Neuropsychopharmacology, Medicine*

Lifetime Achievement Award from the British Association of Psychopharmacology

**Osamudiamen (Osas) Omoigiade**

*PhD, Materials Research*

Winner of a Silver Graduate Award at the Materials Research Society Fall Meeting 2016 for his paper on Electric Current in the Production of Tyre Cord Steels

**Sam O'Neill**

*Undergraduate, Aeronautical Engineering*

Winner of the Autosport Williams Engineer of the Future Award

**Dr Simon Opher**

*Medicine 1988*

MBE for services to healthcare and patients' wellbeing in Gloucestershire

**Dr Tom Ouldrige**

*Royal Society University Research Fellow, Bioengineering*

Awarded the Robert Dirks Molecular Programming Prize from the International Society for Nanoscale Science, Computation and Engineering, and gave a Prize Lecture at the FNANO16 conference

**Tajinder Pal**

*Early Years Section Manager, Early Years Education Centre*

Led the Early Years Education Centre to gain the Health Education Partnership's Healthy Years Bronze Award

**Professor Constantinos Pantelides**

*Professor, Chemical Engineering*

Awarded the 2016 IChemE Sargent Medal from The Institution of Chemical Engineers

**Professor Demetrios Papageorgiou**

*Chair in Applied Maths and Mathematical Physics, Mathematics*

Awarded Fellow of the American Physical Society

**Rashik Parmar**

*Computing 1983*

MBE for services to innovation and business

**Robert Peach**

*Research Postgraduate, Chemistry*

Won the Shell LiveWire competition for founding spinout company Freshcheck

**Janet Peet**

*MRes Chemistry 2016*

Recipient of the 2017 Stevenson Fund Scholarship

**Professor Sir John Pendry**

*Chair in Theoretical Solid State Physics*

Awarded the Dan David Prize, named an honorary fellow of the Institute of Physics and awarded the Ugo Fano Gold Medal

**Professor John Pepper**

*Professor of Cardiothoracic Surgery, National Heart and Lung Institute*

Appointed NIHR Clinical Research Network speciality national lead for cardiovascular disease

**Professor Nicholas Peters**

*Professor of Cardiac Electrophysiology, National Heart and Lung Institute*

Awarded a British Heart Foundation Programme grant

**Dr Simon Philbin**

*Director of Programme Management, Enterprise*

Awarded a Franklin B.W. Woodbury Special Service Award from the American Society for Engineering Management

**Dr Ronny Pini**

*Lecturer, Chemical Engineering*

Awarded an International Adsorption Society Award for Excellence in Publications by a Young Member of the Society

**Dr Karen Polizzi**

*Senior Lecturer, Life Sciences*

Joint leader of the team which won the iGEM Grand Prize

**Sylvain Poncet**

*MBA Management 2016*

Winner *Financial Times* FTMBA Quiz

**Dr Weerapong Prasongchean**

*MSc Medicine 2007*

Awarded the Social Impact Award for his work on developing cross-curricular learning experiences for diverse groups of educators and learners from the British Council Alumni Awards

**Dr Jonathan Pritchard**

*Senior Lecturer, Physics*

Received the Fowler Award for Astronomy

**Elena Psyllou**

*Research Assistant, Civil and Environmental Engineering*

Awarded Best Poster at the Lloyds Register Foundation Annual International Conference

**Professor Sara Rankin**

*Professor of Leukocyte and Stem Cell Biology, National Heart and Lung Institute*

Led an outreach programme which was shortlisted for the Science, Technology, Engineering and Maths (STEM) award in the national Engage competition

**Professor Mala Rao**

*Honorary Principal Research Fellow, School of Public Health*

Appointed Vice Chair of NHS Workforce Race Equality Standards Advisory Group

**Dr Roberto Rinaldi**

*Senior Lecturer, Chemical Engineering*

Awarded Fellowship of the Royal Society of Chemistry

**Steve Robertson**

*Senior Sous Chef, Campus Services*

Highly Commended Menu in the Chef's Challenge

**Ryan Robinson**

*PhD, National Heart and Lung Institute*

Featured in *Forbes* 30-under-30 Europe list that celebrates 300 of Europe's boldest young entrepreneurs

**Professor Esther Rodriguez-Villegas**

*Professor in Low Power Electronics, Electrical and Electronic Engineering*

Lab awarded £0.97 million from the Engineering and Physical Sciences Research Council (EPSRC) and a partner contribution of £15,000 to develop new technology for Chronic Obstructive Pulmonary Disease (COPD) patients

**Dr Andrew Rose**

*Electronic Engineer, Physics*

Awarded the Spokesman's Award and Prize for Young Researcher 2015 by the Compact Muon Solenoid Collaboration at CERN

### Rachapun Rotrattanadumrong

*Biotechnology 2016*

Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Dr Javier Rubio Garcia

*Research Associate, Chemistry*

Won first prize in the food and water category of the 2016 Royal Society of Chemistry's Emerging Technologies Competition

### Malav Sanghavi

*MSc Innovation Design Engineering 2016*

Winner of the Vatican Youth Symposium Award and featured in this year's *Forbes* 30-under-30 Europe list that celebrates 300 of Europe's boldest young entrepreneurs

### Valentina Santolini

*Research Postgraduate, Chemistry*

Won the *Chemical Society Reviews* talk prize at the Southampton Supramolecular Chemistry Symposium 2016

### Professor Roger Sargent

*Senior Research Fellow, Chemical Engineering*

Won the 2016 IChemE MM Sharma Medal from The Institution of Chemical Engineers and the 2016 Sir Frank Whittle Medal from the Royal Academy of Engineering

### Aditi Satija

*Undergraduate, Biology*

Part of the winning team for the iGEM Grand Prize for Undergraduates as well as Best Wiki, Best Poster, Best New Basic Part, Best Education and Outreach, and Best Foundational Advance

### Dr Sonia Saxena

*Reader in Primary Care, School of Public Health*

Joint awardee of the NIHR-funded School of Public Health Research in recognition of excellence in applied public health research in England

### Dr Travis Schedler

*Senior Lecturer in Pure Mathematics, Mathematics*

Won the Andre Lichnerowicz prize in Poisson Geometry

### Professor Michael Schneider

*Chair in Cardiology, National Heart and Lung Institute*

Named a Fellow of the American Association for the Advancement of Science (AAAS)

### Helen Sharman

*Departmental Operations Manager, Chemistry*

Awarded Fellowship of the Science Museum

### Stavros Sidiropoulos

*Research Postgraduate, Civil and Environmental Engineering*

Awarded Best Student with a three minute presentation at the Lloyds Register Foundation Annual International Conference

### John Simpson

*Research Postgraduate, Chemistry*

Won the Shell LiveWire competition for founding spinout company Freshcheck

### Professor Stephen Skinner

*Professor of Materials Chemistry*

Winner of the 2016 Daiwa Adrian Prize

### Charlotte Slingsby

*Innovation Design Engineering 2015*

Featured in the *Forbes* 30-under-30 Europe list that celebrates 300 of Europe's boldest young entrepreneurs

### Professor David Southwood

*Senior Research Investigator, Physics*

Appointed as Chair of the Steering Committee for the UK Space Agency

### Dr Guy-Bart Stan

*Reader in Engineering Design for Synthetic Biology, Bioengineering*

Joint leader of the team which won the iGEM Grand Prize

### Professor Molly Stevens

*Professor of Biomedical Materials & Regenerative Medicine, Materials*

Winner of the 2016 Clemson Award

### Dr Panos Stylianidis

*Civil Engineering Research 2011*

Awarded the 2016 IStructE prize for Best Research Paper in *Structures Journal*

### Professor Zoltan Takats

*Professor of Analytical Chemistry, Surgery and Cancer*

Part of a consortium which was awarded one of the four Cancer Research UK Grand Challenge Awards

### Dr Anne Ter Wal

*Assistant Professor, Business School*

Received European Research Council Starting Grant and *Academy of Management Journal* award for Editorial Board Outstanding Reviewer

### Professor Hywel Rhys Thomas

*MSc Civil Engineering 1973*

CBE for services to academic research and higher education

### Sarah Thomas

*Research Postgraduate, Physics*

Recipient of the 2017 Stevenson Fund Scholarship

### Mandy Thorpe

*Director of Central Biomedical Services, Biomedicine*

Accepted, on behalf of the College, the Highly Commended Award in the Public Engagement Activity Category at the awards for Openness on Animal Research by Understanding Animal Research

### Professor Alan John Thorpe

*PhD Physics 1976*

OBE for services to environmental science and research

### Professor John Tisch

*Professor of Laser Physics*

Awarded Fellowship of the Optical Society of America

### Dr Mireille Toledano

*Reader in Epidemiology, School of Public Health*

Awarded the Tony McMichael Mid-Term Career Award and elected as chair of the International Society of Environmental Epidemiology Europe Chapter

### Professor Christofer Toumazou

*Winston Wong Chair, Biomedical Circuits, Electrical and Electronic Engineering*

Awarded a Lifetime Achievement Award at the Elektra European Electronics Industry Awards

### Dr Yoshi Uchida

*Reader in High Energy Physics*

Shared the Fundamental Physics Breakthrough Prize for work on the KamLAND neutrino experiment and the T2K neutrino experiment

### Viktoria Urland

*PhD, Chemistry Research*

Recipient of the 2017 Stevenson Fund Scholarship

### Natwilai (Pae) Utoomprurkporn

*Global Innovation Design 2015*

Winner of 2016 Women in Innovation Award

### Dr Catherine Van Der Straeten

*Senior Clinical Scientist in Translational Musculoskeletal Science and Technology, Surgery and Cancer*

New Deputy Chair of the METADAC Big Data Initiative

### Professor David Van Dyk

*Chair in Statistics, Mathematics*

Elected Fellow of the International Astrostatistics Association

### Professor Marin Van Heel

*Visiting Professor, Life Sciences*

Winner of the 16th Annual Wiley Prize in Biomedical Sciences for pioneering developments in electron microscopy

### Dr Erik Van Sebillé

*Lecturer in Climate Change and the Environment, Physics*

Won the Outstanding Young Scientist Award from the Ocean Sciences Division at the European Geosciences Union General Meeting and shortlisted for the 2017 Ocean Award

### Dr Peter Vincent

*Reader in Aeronautics*

Winner of the 2016 Philip Leverhulme Prize

### Yasmin Vines

*Sports Partnership Administrator, Sports and Leisure Services*

Elected as the staff ambassador for the mental health charity Student Minds

### Professor Sir Tejinder Virdee

*Professor of Physics*

Won the W.K.H Panofsky Prize in Experimental Particle Physics

### Dr Robert Vollum

*Reader in Concrete Structures, Civil and Environmental Engineering*

Awarded the Institution of Civil Engineers *Magazine of Concrete Research* Prize

### Dr Jessica Wade

*Research Associate, Physics*

Winner of the Institute of Physics Bell Burnell Award

### Professor Aron Walsh

*Chair in Materials Design, Materials*

Winner of a Philip Leverhulme Prize in Chemistry

### Professor Helen Ward

*Professor of Public Health, School of Public Health*

Joint awardee of the NIHR-funded School of Public Health Research in recognition of excellence in applied public health research in England

### Dr Martin Stanley Warren

*Life Sciences 1975*

OBE for services to the Environment

### Professor Wisia Wedzicha

*Professor of Respiratory Medicine, National Heart and Lung Institute*

Appointed NIHR Clinical Research Network speciality national lead for respiratory diseases

### Peter Giles West

*MBA Management 1992*

OBE for services to the rail industry

### Professor Jennifer Whyte

*Laing O'Rourke/Royal Academy of Engineering Professor of Systems Integration, Civil and Environmental Engineering*

Elected to the Fellowship of the Institution of Civil Engineers

### Professor Charlotte Williams

*Visiting Professor, Chemistry*

Winner of the Royal Society of Chemistry Corday-Morgan Prize

### Professor Graham Williams

*Clinical Professor of Endocrinology, Medicine*

Awarded the Pitt-Rivers Medal of the British Thyroid Association and appointed the Chair of the Society of Endocrinology

### Professor Anne Elizabeth Willis

*PhD Chemistry 1987*

OBE for services to biomedical science and for promoting the careers of women in science

### Professor Ian Wilson

*Professor of Drug Metabolism and Molecular Toxicology, Surgery and Cancer*

Awarded the Martin Medal from the Chromatographic Society

### Melanie Wilson

*Medicine 2015*

Won a Silver Olympic medal at the Women's Eight Event in the 2016 Rio Olympics

### Professor Jeremy Woods

*Senior Lecturer, Centre for Environmental Policy, The Grantham Institute for Climate Change*

Conceived and directed the development of the FT Climate Change Calculator with the help of Dr Rajiv Kumar (Indian Institute of Science, Bangalore) which has been awarded the 2016 Royal Statistical Society's Excellence Award for best data visualisation

### Professor Mike Wright

*Professor of Entrepreneurship, Business School*

Elected to the Fellowship of the British Academy

### Professor Guang-Zhong Yang

*Director of the Hamlyn Centre for Robotic Surgery*

CBE for services to biomedical engineering

### Professor Xiaodong Zhang

*Professor of Macromolecular Structure and Function, Medicine*

Elected to membership of the European Molecular Biology Organisation

