Celebrating Women at Imperial

Following on from the success of the inaugural Women at Imperial Week last year, next week the College will host an exhibition in the Main Entrance celebrating women across Imperial.

In addition to the exhibition there will be a number of events during the week including on International Women’s Day (8 March) the Provost’s Gender Summit, where the Provost, Professor James Stirling and Provost’s Envoy for Gender Equality, Professor Dorothy Griffiths will present the College’s response to the results of the Athena SWAN focus groups and questionnaire (16:15-17:00) followed by the Women@Imperial Week reception (17:30-19:30) hosted by President, Professor Alice Gast, which will celebrate the achievements of women at Imperial past and present.

This year the theme of International Women’s Day is Pledge for Parity, Worldwide, women continue to contribute to social, economic, cultural and political achievement. But progress towards gender parity has slowed in many places. The World Economic Forum predicted in 2014 that it would take until 2055 to achieve global gender parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity. The World Economic Forum predicted in 2014 that it would take until 2055 to achieve global gender parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity. Then one year later in 2015, they estimated that a slowdown in the already glacial pace of progress meant that it would take until 2095 to achieve worldwide parity.

Therefore to celebrate equality and Departmental culture during Women at Imperial week I encourage you to share pictures of yourselves holding up selfie signs about your research, names of women who have inspired you or your #PledgeforParity this is open to all the Department and if you send images to Jenna she can share some via the Department social media channels.

Success at Healthcare Technology awards

Each year, the IMechE and IET join forces to recognise the top biomedical engineering students across the UK in their Healthcare Technologies Awards.

IET Dennis Hill Award
Eduardo Gonzalez Pomellara
Henrik Hagemann (runner-up)
Ioana Calangiu
Michele Tonutti

IMechE Vicon Best Medical Engineering Undergraduate Project Podium Prize
Tong Wei Ng, Bo Yang, Jeeyen Hee, Book Chayanun Pansuwan, Naomi Ho (runner-up)

Best Medical Engineering Undergraduate Project
Tong Wei, Bo, Jeeyen, Book and Naomi’s project was ‘CancerScope’ which they did for their third year group project last year with Dr Emm Drakakis.

WELCOME TO THE DEPARTMENT

Welcome to new starters
- Katerina Kandylaki
  Research Assistant with Dr Tobias Reichenbach
- Marsilea Harrison
  Research Associate with Prof Martyn Boutelle
- Spencer Barnes
  Research Assistant with Prof Anthony Bull and Dr Jonathan Jeffers
- Roni Maimon
  Research Technician with Dr Aldo Faisal

This month sadly five colleagues are leaving, we wish them all the best in their new roles:
- Helen Findon
- Sarah Jarvis
- Romain Caze
- Tim Weenik
- Georgios Pothoulakis

GRANT SUCCESS

Medical Research Council awarded to Dr Claire Higgins for a project on osteogenic differentiation (£402,916)

Welcome Trust Seed Award awarded to Dr Tobias Reichenbach (£100,000)

PUBLICATION SPOTLIGHT

Be sure to check out the Department’s recent publications:

PhD VIVA SUCCESS

Congratulations to all our PhD students who successfully defended their PhDs in vivas this month:
- Virginie Papadopoulo, Sinan Li, Yesna Yildiz from Dr Mengxing Tang’s group.
- ‘Prang’ Tongathai Phairatana from Prof Martyn Boutelle’s group.

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OUT AND ABOUT

Dr Reiko Tanaka, Dr Jenna Stevens-Smith and third year undergraduates Mohima Ahmed, Anisha Malde, Aidan Acquah, Yomna Genina, Nasreen Abdul Razak visited Bishop Gilpin Primary School on 10 February to talk about their atomic dermatitis project and test the educational game they have developed.

Dr Jenna Stevens-Smith and Dr Ian Radcliffe spoke at Eastbury Community School in Barking on 4 February about bioengineering in sport for an event organised by IMeChe about Science and Engineering in Sport. Biochanges, the synthetic biology and biodesign innovation event series went standalone on 1 February with an at MIT. Media Lab. The event was organised by Stephen Gray, now a postdoc at MIT.

Dr Angela Kendgley spoke at the Holland Park School’s Science Breakfast Club on 29 January and gave a talk to 250 students at Fulfham Cross Girls’ School about working in research and being a bioengineer on 12 February.

Dr Ian Radcliffe was invited to speak at DMRC Headley Court on 19 February about the Sports Innovation Challenge.

STAFF & STUDENT SUCCESS

Ben Reeve from Dr Tom Ellis’s lab has been awarded the John & Frances Jones Prize. The award was presented at the 103rd Annual Dinner of the City & Guilds College Association (CGCA), on 26 February. First year Bioengineering undergraduate Miroslav Gasparek, along with Martin Ferianc and Daniel Zvara from Electrical and Electronic Engineering and Computing won the Cisco Switch-Up Challenge with their project ‘Wetsuits’.

Dana Al Sulaiman from Dr Sylvain Ladame’s group has been shortlisted to present at the Houses of Parliament on 7 March at SET for Britain.

Antonis Chronopoulos and Tyler Lieberthal from Dr Armando del Rio Hernandez’s group have been shortlisted as finalists for the Global Health Innovation Award for their project ExoSonic. They will be presenting in the ‘Dragon’s Den’ event on 7 March.

Dr Ben Almqquist has won the 2016 Outstanding Young Alumni Award from the Michigan Technological University Alumni Association. Ben graduated in 2004 with a BS in Materials Science & Engineering.

Professor Colin Caro letter published in the American Physiological Society’s magazine The Physiologist.

Mathworks have showcased the Department’s Computational Mathematics pedagogy in year 1, at the British Applied Mathematics colloquium, and in a video on their webinar. The latter features model-creator Dr Reiko Tanaka and Sifluo Lu in his role of UTA and module alumni.

Ourobotics, an Irish start-up co-founded by Stephen Gray and Jemma Redmond took the top prize at the SOVD Europe (Silicon Valley Open Doors Europe) competition in Dublin this month.

ALUMNI SUCCESS

Dr Jin-Young Kim a former PhD student of Dr Danny O’Hare’s has got a permanent faculty position. Dr Kim worked with Danny on microfluidics and HPLC on a chip. Following his PhD he was a Postdoc at ETH Zurich for 3 years and is now moving back to Korea to take up the new position at Daegu Gyeongbuk Institute of Science and Technology (DGIST).

CAREERS CORNER

PG Open Day 14:00-15:30 RSM 228

On Wednesday 9 March the Department will be running a session as part of the College-wide Postgraduate Open Day. This is a great opportunity to find out more about the postgraduate study options in the Department from staff and students.

14:00 Introduction | Dr Jenna Stevens-Smith
14:10 PhD | Mara Pop
14:25 MRes Bioengineering | Will Haining
14:40 MSc Biomedical Engineering | Dr Robert Dickinson
14:55 MRes Medical Device Design and Entrepreneurship | Vincent Zaballa
15:10 Open QA with admissions tutor, current students and academics.

Bioengineering Companies Database

Robert Ferguson has added a database with details of companies and organisations operating in biomedical engineering and allied industry sectors. The Department of Bioengineering’s website.

You can find this database on the our website via the following links. The database is intended to help you with your search for jobs, internships and projects. http://www.imperial.ac.uk/bioengineering/study/career/

1:1 Interviews

Robert is available this term for 1:1 interviews with students and researchers to discuss your careers plans, applications and interviews. Please email him for an appointment. In addition Careers Consultant Rachel Power and Placement and Internship Adviser Barnaby Mollett will be available for drop in interviews on Tuesday from 12noon – 1pm in RMS 4,29a.

UPCOMING EVENTS

Departmental Seminars Thursdays 12:00-13:00
10 March 2016 12:00-13:00 RSM 228
Dr Alvaro Mata from Institute of Bioengineering, Queen Mary University London Precise bioengineering of functional materials and biomimetic environments
17 March 2016 12:00-13:00 RSM 228
Ellie Tzima from Department of Medicine, University of Oxford

Vascular Mechanotransduction: a journey from the protein to the vessel

Imperial Events

07 March 2016 18:00-20:00
IGI Student Challenges competition: Enter the Dragons’ Den

Business School, Imperial College London, South Kensington campus

07 March 2016 19:00-20:00
Biochanges Biodesign Innovation

Huxley 311, Imperial College London, South Kensington campus

09 March 2016 14:00-15:30
Postgraduate Open Day

RSM 228, Imperial College London, South Kensington campus

10-11 March 2016 12:00-12:00 (fully booked)
UK MedEnterprise Training Network

58 Princes Gate, Imperial College London, South Kensington campus

23 March 2016 14:00-18:00
Imperial MedTech Links: Wearables, Behaviour and Data

Imperial College London, South Kensington campus

www.imperial.ac.uk/medtech/events

7-8 May 2016
Imperial Festival and Alumni Reunion Weekend

Imperial College London, South Kensington campus

15 June 2016 17:30-18:30
2016 Bioengineering Annual Lecture

Professor James Collins, MIT

Imperial College London, South Kensington campus

http://www.imperial.ac.uk/bioengineering/about/bioengineering_lecture/

Conferences

4-7 July 2016
Eurohaptics 2016

Professor Etienne Burdet, Dr Ildar Farkhatdinov and Dr Franck Gonzalez are co-organising.

Imperial College London, South Kensington campus

Website: www.eurohaptics2016.org

5-8 September 2016
MIBioeng16

Institute of Biomedical Engineering, University of Oxford

7-9 September 2016
Young Researchers’ Futures Meeting 2016

Medical Imaging and Intervention: engineering a better look at cancer

Deadline for applications is 31 March 2016

Imperial College London, South Kensington campus

Website: http://www.vrtn.uk/

12-14 September 2016
Medical Physics and Engineering Conference 2016 (MPEC)

Science for patient benefit

Manchester

Website: www.ipem.ac.uk/ConferencesEvents/MPEC.aspx

5-8 October 2016
2016 BMES Annual Meeting

Innovation at the Interface

Minneapolis Convention Center, Minneapolis, Minnesota, USA

Website: bmes.org/annualmeeting

SynBio Events

April 6-8 April 2016
SynBioBeta London 2016

Imperial College London, South Kensington, UK

http://www.synbiicite.com/news-events/events/synbiobeta-london-2016/

April 9-10 April 2016
EUSynBioS Symposium: Engineering Biology for a Better Future

Imperial College London, South Kensington, UK (hosted by SymbiCITE)

http://www.eusynbios.org/symposium/

Send news for the next issue to: Dr Jenna Stevens-Smith

Outreach & Public Engagement Manager

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