

## Easter 2017 Teaching Office Newsletter

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## Events and opportunities - Easter 2017

### James Dyson Award

Design something that solves a problem - and win up to £30,000. Full details can be found at:  
<https://jamesdysonaward.org/en-GB/the-brief/>  
For IIA & IIB

### The Undergraduate Awards

The University has signed up to the Undergraduate Awards (<http://www.undergraduateawards.com/>) and is part of a network of innovative universities, identifying and encouraging the best undergraduate research around the world. The 2017 Undergraduate Awards is open to all penultimate and final year undergraduate students in a degree course. Students are invited to enter both outstanding papers and research as well as visual arts portfolios using the online forms. The deadline for the 2017 programme is 13 June 2017.

Winners are published in the annual 'The Undergraduate Journal' as well as being invited to the UA Global Summit in Dublin. This is an all-expenses-paid four-day networking event.

### Biomaker Challenge

Biomaker Challenge is a four-month programme challenging interdisciplinary teams to build low-cost sensors and instruments for biology. From colorimeters to microfluidics and beyond, we're looking for frugal, open source and DIY approaches to biological experiments.

The challenge is open to students and staff at the University of Cambridge, John Innes Centre and the Earlham Institute. Participants will receive a Biomaker Toolkit and a discretionary budget for additional sensors, components, consumables and 3D-printing worth up to £1000.

For more information, to join a mixer event and apply, see [www.synbio.cam.ac.uk/biomakerchallenge](http://www.synbio.cam.ac.uk/biomakerchallenge) or email [biomaker@hermes.cam.ac.uk](mailto:biomaker@hermes.cam.ac.uk)

Undergraduates can apply by two deadlines:

19 May 2017 for those who need their kits before the long vacation,

23 June 2017 for those who anticipate being in Cambridge for the long vacation.

The Biomaker Challenge is co-organised by: [OpenPlant](#), [Synthetic Biology SRI](#), [CamBridgeSens](#)

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To add any event to this list, please contact: [teaching-office@eng.cam.ac.uk](mailto:teaching-office@eng.cam.ac.uk)

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## Updates on the course - Easter 2017

### Athena SWAN Silver Award

The Department has received an Athena SWAN Silver Award. The Award honours the significant progress the Department has made since it received the Bronze Award in 2013 and recognises the Department's comprehensive plan to ensure that this progress is sustained.

The [Athena SWAN Charter](#) is a national scheme managed by the Equality Challenge Unit which was originally established to support and advance women's careers in STEMM subjects – science, technology, engineering, maths and medicine. The scheme was recently expanded to address gender equality more broadly, rather than just focusing on barriers to progression for women.

For more information and to read the Department's submission and action plan visit the [Engineering Diversity](#) website.

### Surveys and feedback

We remind students that a link to course survey results is available in all student guides, from IA to IIB, also copied below:

[Archives of past survey results](#)

Don't forget to give feedback on your part I activities and part II modules and project.

[Online surveys](#)

### Part 1 - Lecture capture in LT0

The lecture capture pilot is continuing in LT0. Apart from a couple of technical issues, all seems to be working fine.

### Student survey results for Lent 2017

Many thanks to all part I students who completed the lecture capture survey. Students have overwhelmingly supported the initiative. Survey results are available [online](#).

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## New staff at the Department of Engineering - Easter 2017

	<p><b>Mrs Lynne</b></p> <p>Lynne Meehan joins the department Tumelty while she is on secondment</p>
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Cambridge Lynne worked at several institutions for the Engineering Department at CUED. She holds a PgCert in Adult Learning and Professional Development.

Her role at Engineering is to manage the support of the teaching and research with staff and students to develop the library collections, and deliver the services that can get in touch with Lynne.



**Dr Sanjiv Sambandan**

Sanjiv Sambandan is a lecturer in Materials Science, also cross-appointed as an Assistant Professor of Science, Bangalore, India. He worked at the Electronic Materials Centre, California, USA. He obtained his Ph.D. from the University of Waterloo, Ontario (Energy Systems) from the Indian Institute of Technology. His interests are in semiconductor devices and materials.



**Dr Phillip Stanley-Marbell**  
[phillip.stanley-marbell.org](http://phillip.stanley-marbell.org)

Dr. Phillip Stanley-Marbell is a Senior Lecturer in the Department of Engineering. He designs architectures, and circuits for embedded systems, exploits an understanding of the physics of sensors to make sensor-driven computing systems. (<http://phillip.stanley-marbell.org>)

Prior to joining the University of Cambridge, he worked at the Institute of Technology from 2014 to 2016. He joined the University in 2007 and was a postdoctoral fellow. He joined IBM Research---Zurich in 2005, then joined Apple Inc. in Cupertino, to work on the iPhone. Prior to completing his Ph.D., he worked at Philips Consumer Communications Labs, Philips Consumer Communications.

Dr. Stanley-Marbell maintains several research projects. He is the author of a programming language for embedded systems. He is the author of over forty scientific papers. (with others)