

Faculty of Engineering & Design

Meeting: FACULTY BOARD OF STUDIES

Date and Time: Wednesday 24 April 2013 at 2.15 pm

Venue: 2 East 3.4

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| Present: | Prof Julian Chaudhuri <i>(Chair)</i> | JGH | Associate Dean Research & HoD Chemical Engineering |
| | Dr Tom Arnot | TC | Dept of Chemical Engineering |
| | Dr Ivan Astin | IA | Dept of Electronic & Electrical Engineering |
| | Dr Steve Cayzer | SC2 | Dept of Mechanical Engineering |
| | Ms Alix Chadwell | AC | Students' Union |
| | Dr Sally Clift | SC1 | Dept of Mechanical Engineering |
| | Dr Adrian Evans | AE | Dept of Electronic & Electrical Engineering |
| | Mr Nello Formisano | NF | PGR Student Rep, Dept of Elec Eng |
| | Dr Nigel Johnston | NJ | Dept of Mechanical Engineering |
| | Prof Tony Miles | AWM | Dept of Mechanical Engineering |
| | Dr Kevin Paine | KP | Dept of Architecture & Civil Engineering |
| | Prof Rob Scheichl | RS | Dept of Mathematics |
| | Mr David Stacey | DS | Faculty Librarian |
| | Dr Mike Wilson | MW | Dept of Mechanical Engineering |
| | Prof Alex Wright | AW | Associate Dean, Learning & Teaching |

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| In Attendance: | Dr Andrew Heath | AH | Dept of Architecture & Civil Engineering |
| | Mrs Rachel Summers | RS2 | Faculty Assistant Registrar |

Apologies: Apologies for absence were received from Dr David Bence, Dr Alex Copping, Dr Jos Darling, Dr Marianne Ellis, Dr GianLuca Gardini, Mr Martin Gledhill, Prof JG Hawley, Prof Tim Ibell, Mr Aby John, Prof Nick Mitchell, Dr Manuchehr Soleimani, Mr Andrew Whyte.

ACTION

587 WELCOME

The Chair welcomed Dr Andrew Heath who was attending the Board as the incoming Associate Dean for Learning & Teaching (taking over from Prof Wright as of 1 August). Apologies as detailed above were noted.

588 MINUTES OF THE PREVIOUS MEETING (FE2012-13/102)

The unreserved minutes of the meeting of the Board of Studies held on 27 February 2013 were approved as a correct record of the proceedings.

589 MATTERS ARISING

- i) Minute 561) Boards of Examiners. The Secretary confirmed that the membership lists for franchised and licensed provision had been updated (reported under Chair's Action). The membership list for the Mechanical Engineering BEP for MSc programmes had not yet been revised. **Sec**

590 CHAIR'S ACTION (FE2012-13/104)

The Board noted Chair's actions as detailed in Paper FE2012-13/104.

591 CHAIR'S BUSINESS

The Chair reported on the following matters;

- i) Prize Fellowships. The Faculty has two remaining Prize Fellowships vacant – one in the Department of Electronic & Electrical Engineering which has been filled subject to satisfactory references, the second is likely to be allocated to the Dept of Architecture & Civil Engineering.
- ii) Staff Survey. The University's Staff Survey has now closed. The Faculty's response rate of 65% was in line with the overall response rate across the institution (67%).

592 REPORTS FROM ASSOCIATE DEANS & DEPARTMENTS

a) Professor Miles (HoD Dept of Mechanical Eng) reported that Dr Richard Butler has been awarded a £478k EPSRC/GKN research grant working in collaboration with Prof Rob Scheichl in the Department of Mathematics. Professor Ismet Gursul has been invited to serve as an Associate Editor of the prestigious American Institute of Aeronautics and Astronautics Journal (AIAA). At the recent Academic Rep Awards evening Guillermo Durango (MEng Aerospace Engineering final year) was announced as the Academic Rep of the year for 2013 – two other students from the Department also received awards. The Department sent two teams to the recent Aerochallenge competition organised by the Royal Aeronautical Society at its London headquarters. The University successfully defended the title it won in 2012 – the only team to have won the event two years in succession.

b) Dr Evans (HoD Dept of Electronic & Electrical Engineering) noted that two colleagues had been promoted – Dr Martin Fullekrug to Reader and Dr Manuchehr Soleimani to Senior Lecturer. Dr Soleimani was also announced as Personal Tutor of the Year at the recent Students' Union Academic Rep Awards evening. The Institution of Engineering & Technology (IET) carried out an accreditation visit to the Department earlier this month. The accreditation visit was successful (accreditation was granted for a further 5 years) but two issues were raised which may have wider implications; 1) an indication that for level 7 (Masters) units the IET would like to see the adoption of a 50% pass mark – this has implications for Mech Eng units and both UG and MSc programmes, and 2) an expectation that students are visited twice whilst they're on placement. The Department awaits the IET's formal written report at which point it will become clear whether these two issues are a

requirement for accreditation or merely desirable.

c) Professor Chaudhuri (HoD Dept of Chemical Engineering) reported that postgraduate research student Jessica Sharpe won first prize at the recent Faculty Research Student Showcase with her presentation on 'Hydrogen in low-carbon energy applications'. The University has been awarded £2.7M by Wessex Water for two large projects over 5 years. Dr Tom Arnot, Chem Eng, is the Principal Investigator (PI) for both projects, although the work will be carried out by multi-disciplinary teams across the University. The first, worth £1.2M, is for the University to undertake 5 projects in a range of areas of water research, for example, sustainable water and wastewater treatment, and environmental management. The second is worth £1.5M to create a Water Centre at the University of Bath. Both projects are supported by £300,000 of funds from the University's Impact Acceleration Account managed by RDSO. Dr Valeska Ting (a Prize Research Fellow in the Department) was recently awarded the Gold Medal in the Engineering section of the SET for Britain poster competition held at the Houses of Parliament. Dr Ting's prize of £3000 was awarded for the excellence of her research into hydrogen storage materials. As the gold medal winner in the Engineering section, Dr Ting was entered into the Westminster Medal – a competition between the four gold medal scientists based on their ability to communicate their research – for which she also came out on top making her the overall winner of SET for Britain 2013. Finally, one of the Department's final year undergraduate students has been awarded the Salter's Prize for Chemical Engineering by the Salter's Institute; the award is subject to the student achieving a first class honours degree in the summer.

593 STAFF STUDENT LIAISON COMMITTEES (FE2012-13/105a,b,c)

The Board received the minutes of Departmental Staff Student Liaison Committee meetings as follows;

i) Mechanical Engineering SSLC meetings of 23 October, 13 November & 4 December 2012 (FE2012-13/105a,b,c)

594 LIBRARY MATTERS

Mr Stacey reported on the following matters

- a) Subject librarians will shortly be contacting Departmental library reps about future requirements (journals etc.) to inform the Library's planning bid.
- b) At the recent consultative meeting of departmental library reps a wide variety of issues had been discussed e.g. open access, the recent library survey and future strategy.

595 FACULTY LEARNING, TEACHING & QUALITY COMMITTEE (FE2012-13/106)

The unreserved minutes of the Faculty Learning, Teaching & Quality Committee meeting held on 30 January 2013 were received and noted. The Chair asked colleagues on the Board to ensure that the Faculty's generic grade descriptors (see FLTQC minute 1124) which had been recirculated to Directors of Study, were also available to all academic staff involved in marking & assessment. The Board noted

the FLTQC's discussion (minute 1127) of the guidance recently provided by Registry on the scaling of unit marks. The Chair asked that the Faculty's policy and flow chart for Chairs of BEUs be recirculated to relevant staff in advance of the semester two BEUs.

Sec

596 GRADUATE SCHOOL COMMITTEE (FE2012-13/110)

The unreserved minutes of the Graduate School Committee meeting held on 27 March 2013 were received and noted.

597 RESEARCH STUDENTS' COMMITTEE (FE2012-13/111)

The unreserved minutes of the Faculty Research Students' Committee meeting held on 27 March 2013 were received and noted.

598 ANY OTHER BUSINESS

There were no other items of business and therefore the Board moved onto white FOIA business.