General Meeting
5 November 2014
Agenda

1. Introduction – Johanna Moore
2. Finance and Admin – Neil McGillivray
3. Teaching Update – Colin Stirling
4. Grad School Update – Bob Fisher
5. Research Update – Michael Fourman
6. Commercialisation – Keith Edwards
7. Innovation Centres – Stuart Anderson
8. Ethics Procedures – Frank Keller
9. Communication Survey
10. Reception
Introduction

• Welcome

• Arrivals
  – Maurice Fallon – Jan 2015
  – Dragan Gasevic – Jan 2015
  – Adam Lopez – 3 Nov 2014

• Departures
  – Miles Osborne

• Will soon be recruiting in very large scale data science for unstructured data
Lots of Good Things Happening

- Student numbers are up
- NSS assessment and feedback up 18%
- Research grant funding is up
- 17th in QS world ranking
- Graduates more employable
- Commercialisation as good as Stanford & MIT
- BCS accreditation granted
- But we have some success problems....
Accommodation

• **Space**
  – Options appraisal
  – “Sympathetic” modifications to Forum

• **Appleton Tower decant**
  – Forrest Hill
  – Wilkie Building
Appleton Tower Before
AT After 1
AT After 3
UCU boycott of assessment and marking

Minimise disruption to students while maintaining collegiality among staff

• Create a context where academics “self-regulate”
  – No deduction of pay
  – No reallocation of workload

• UoE calling for better communication with individuals about how it will effect them
Finance & Admin Structure

Neil McGillivray
Director of Professional Services
Finance Update

End of 13/14:
- in-year surplus contributing to increased reserves
- planned investment in CDT programmes
- agreement to operate 3yrs of planned overspend

Unforeseen changes:
- further cuts in College income from University
- change in NPRAS calculation
- adjusted terms of Chancellor’s Fellow costs
- overall reduction in income received by School
Finance Update

Start of 14/15:
• no change in core budget allocations
• no change in institute funding arrangements
• increased commitment to PGR studentships
• investment in small scale building work

14/15 expectations:
• business as usual
• continued transparency at College level
• new reporting expectations, more regular dialogue
• deficit target, will work to adjust expectations as we go
• things should feel similar!
Admin Update

What changed?
• slight reshuffle following departure of Liz Elliot
• intention to build on strengths of existing structure
• formation of management team, based on level 5
• a small number of line manager changes
• a continued commitment to provide agile support
• greater definition of the individual teams and remits
• http://www.inf.ed.ac.uk/school-services

Other news:
• key staff returning from maternity leave
• the introduction of Theon into the INF-HR team
• reallocation of resource to help us better focus on building, decant and health & safety issues
• new team of dedicated CDT programme administrators
• dedicated admin support of web strategy and migration to new UoE systems
Admin Update

Management responsibilities:

• Teresa Ironside [Student Services]:
  • Teaching Organisation
  • Graduate School
  • Doctoral Training

• Julie Young [HR, Finance & Research Services]:
  • INF-HR
  • Finance & Portfolio Managers
  • Research Services Admin [Level Offices]

• Steve Scott [Knowledge Management & KT]:
  • Knowledge Management, inc Web Strategy
  • Informatics Ventures
  • SICSA Liaison
Teaching Update

Colin Stirling
Director of Teaching
## Student Numbers

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<tr>
<th>Student Admissions</th>
<th>2013/2014</th>
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<tr>
<td>Undergraduate (UG)</td>
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<td>212</td>
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<tr>
<td>Postgraduate Taught (MSc)</td>
<td>146</td>
<td>156</td>
</tr>
<tr>
<td>Postgraduate Research (MSc by Research &amp; PhD)</td>
<td>63</td>
<td>84</td>
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*2014/2015 still in admissions stage up to 1st July 2014*
Teaching

• NSS: success and thanks!
• Tier 4 attendance and engagement
• Increased demand for teaching support
• Upcoming TPR (25/6) Feb
Innovative Learning Week 2015

• 15-20 February
• Funding available via IAD
  – £2000 for events proposed by staff
  – £500 for events proposed by students
• Deadline: 17th November
• Themes include: interdisciplinary, public engagement/outreach, curriculum innovation, student engagement
Graduate School Update

Bob Fisher
Director of Graduate School
Graduate School

<table>
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<tr>
<th></th>
<th>CISA</th>
<th>IANC</th>
<th>ICSA</th>
<th>ILCC</th>
<th>IPAB</th>
<th>LFCS</th>
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<td>11</td>
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<td>TOT</td>
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<td>33</td>
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<td>258</td>
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</table>

89 new starts this year (29 CDT + 60 normal)

Plus 41 students awaiting examination or graduation
ANNUAL TIMETABLE AND EVENTS

*: Tier 4 recording point. THEON will (soon) remind you of deadlines.

Year 1:
*M1*: Acquainted with programme (including milestones)
*M4*: Submit outline proposal and literature review
*M9*: Submit first year review document
*M10*: Formal review
*M12*: Supervisor submits assessment

Year 2:
*M1*: Review career aspirations and training needs
*M4*: Review progress
*M9*: Submit progress report
*M10*: Formal review
*M12*: Supervisor submits assessment

Year 3:
*M1*: Review completion strategy
*M4*: Submit thesis outline
*M9*: Submit draft chapters
*M10*: Formal review
*M12*: Supervisor submits assessment

Year 4+ (Hopefully not necessary!!)
*M1*: Review progress
*M10*: Submit draft thesis
*M11*: Formal review
*M12*: Supervisor submits assessment
Historical Destination Statistics

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<thead>
<tr>
<th></th>
<th>Num</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Academic posts</td>
<td>154</td>
<td>45</td>
</tr>
<tr>
<td>Postdoc (32) + research (99)</td>
<td>131</td>
<td>39</td>
</tr>
<tr>
<td>Non-research</td>
<td>41</td>
<td>12</td>
</tr>
<tr>
<td>Unknown</td>
<td>14</td>
<td>4</td>
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<tr>
<td><strong>Total</strong></td>
<td>340</td>
<td>100</td>
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- 33 of 100 supervisors responded
- 30 year historical view, unclear what past 5 year stats are
- Changing context: Informatics/CS not growing in many countries
- Royal Society statistics (2010) for STEM across UK shows 3.5% of PhDs and 7% of post-docs end up in academic posts: **DISCUSS CAREER PLANS**
Finally

- Funding for 2015/6: c. 25 CDTs, 5-10 EPSRC, 3 PCDS, 2 EG, 3 CSC, ??? Informatics
- 50:50 funding – look for partners
- Look for studentships: Microsoft (?4+), Google, Facebook, ..

- Discuss Ethics and Integrity explicitly with your students – how else are they suppose to learn?
- Experiments involving people need ethical approval

- Take online Equality and Diversity (1 hour) + Unconscious Bias (15 min) training
Research Update

Michael Fourman
Director of Research
Research Funding

www.inf.ed.ac.uk/research/about/
Opportunity for Information and communications technologies researchers to pursue an immersive experience in other disciplines and user environments.

Issue date: 28 September 2007
Closing date: No closing date
Status: Open
Type: Invitation for proposals
Related themes: ICT
USER INTERACTION WITH ICT

EPSRC is inviting outline proposals encouraging researchers to look at opportunities for how humans will interact with ICT technology in the future.

Issue date: 28 October 2014
Closing date: 06 January 2015 at 16:00
Status: Open
Type: Invitation for outlines
Related themes: Digital economy, ICT
The EPSRC Information and Communication Technologies (ICT) Theme is inviting outline proposals that explore how to extract meaning from data.

Issue date: 28 October 2014
Closing date: 06 January 2015 at 16:00
Status: Open
Type: Invitation for outlines
Related themes: ICT, Mathematical sciences
CHIST-ERA (EUROPEAN COORDINATED RESEARCH ON LONG-TERM CHALLENGES IN ICST) CALL 2014

EPSRC is a participant in the European Coordinated Research on Long-term Challenges in Information and Communication Sciences and Technologies ERA-Net (CHIST-ERA) consortium of European funding organisations with programmes supporting Information and Communication Sciences and Technologies (ICST) research.

EPSRC will participate in the following topic: Resilient Trustworthy Cyber-Physical Systems
The scope of this call was informed by a scoping workshop that was held in Istanbul on 17-18 June 2014.

Issue date: 15 October 2014
Closing date: 13 January 2015 at 16:00
Discussion at CRC, highlighted the challenge to gain early information about calls and to influence their structure.

Could you please advise on your School's academics who are currently members on key strategic boards/RCUK panels etc.

Please let me know ....
EPSRC invites Expressions of Interest (EoI) from UK universities to join a consortium to establish an internationally-recognised Institute to lead in research, education and knowledge transfer in the data sciences: The Alan Turing Institute.

The objective of the Institute will be to ensure that the UK remains at the forefront of the analytical methods which underpin our ability to exploit publicly or privately owned large datasets (“big data”). The Alan Turing Institute will provide a national centre to promote advanced research and translational work in the application of data science and the associated computational algorithms. The UK Government has committed a total of £42 million to March 2020 (including an initial capital investment of £20 million and support for operating costs) to assist in funding the Institute.
Commercialisation

Keith Edwards
Informatics Business Development
Recent activities

• School
  – Launches of 3 CDT’s
  – Connection in to the Connected Economy Digital Catapult
  – Connection in to EIT ICT Labs
  – Alan Turing Institute Bid, industrial connections/support
  – Consultancy, collaborations, IP protection/licensing, studentships

• Informatics Ventures
  – Launch of The Data Lab Innovation Centre (30th Oct)
  – EIE Scotland (EIE’ 14: 8 May, EIE’ 15: 14 May)
  – EIE London (27 Nov)
  – DEMOFest (30th Oct)
  – Pitch@Palace etc. (this week)
Centres for Doctoral Training – partner network

Robotics & Autonomous Systems:

Data Science

Pervasive Parallelism
Once upon a time in 2006
Edinburgh’s tech ecosystem 2014

Waverley Gate

Silicon Walk

Mallzee appointed

Desk Union

Rockstar North

Appleton Tower

CodeBase

Evo House

Trigah

Quartermile

Techcube

Edinburgh's tech ecosystem 2014
Innovation Centres

Stuart Anderson
Deputy Head of School
Innovation Centres

- Funded by Scottish Funding Council
- £10-12m over 5 years, plus some equipment, plus some MSc studentships.
- Funds academic participation in Knowledge Exchange projects.
- Translational work, IC maintains relationships with industry, public sector and universities.
Our Project Intake Process

1. Apply for membership
2. Describe your opportunity
3. Develop and evaluate the idea with us
4. Satisfy the criteria and be prioritised
5. Enter Exploratory Laboratory or Factory
6. Collaborate, iterate & innovate

Come and engage with us as an academic, business or civic partner.
THE DATA LAB IS A NEW INNOVATION CENTRE FOCUSED ON HELPING SCOTTISH INDUSTRY TO CAPITALISE ON A GROWING MARKET OPPORTUNITY IN DATA SCIENCE
Ethics

Frank Keller
Informatics Ethics Procedure

- All research in the School needs to undergo ethical screening, including:
  - student projects (UG4, MSc, PhD), grant-funded research, self-funded research, and research conducted by visitors
- For student projects and grants, level 0 ethical screening is built into the proposal forms; for self-funded research the PI is responsible, for visitors the host
Ethics Procedure Cont’d

• Level 0 screening simply consists of answering the following question:

   *Does this research involve human participants or animals, confidential or personal data, developing countries or military applications?*

• If the answer is no, you're done
• If the answer is yes, further screening at levels 1-4 is required

• See forms at:
  http://www.ed.ac.uk/schools-departments/informatics/research/ethics/procedure

• Screening at levels 1 and 2 is by self-certification, no ethics committee involved
• If you reach level 3 (school ethics committee) or level 4 (college ethics committee), forms need to be lodged with Informatics Student Services (for student research) or with the portfolio manager (for grant-funded research)

• Even at levels 1 and 2, you should consult with colleagues to ensure best practice; ask the ethics representative, he can help or tell you who to ask
Communication

Fill in the survey!

https://www.surveymonkey.com/s/RQ2WLHS