Unconfirmed minutes

# The University of Manchester

# SENATE

### Wednesday 28 April 2010

### Present:

### Professor Gilbert (in the Chair)

Professor Aarons, Dr Allan, Professors Bailey, Birse, Börjars, Dr Brockhaus-Grand, Professor Coombs, Dr Davies, Professors Devine, Eccles, Dr Edwards, Professors Esmail, Gunter, Helliwell, Humphries, Kirschen, Dr Kitmitto, Professor Masters, Dr McCrohan, Professor Lambon Ralph, Drs Lane-Serff, McGovern, Professor North, Dr Qualtrough, Professors Rezazadeh, Papalopulu, Dr Schiessl, Professors Stirling, Taylor, Dr Timmermann, Professor Ulph, Dr Vallely, Professors Vincent and Wang (36).

*By invitation*: Professor Clarke (School of Pharmacy & Pharmaceutical Sciences), Professor Duck (School of Mathematics) Professor Gibson (School of Electrical and Electronic Engineering), Professor Lafferty (School of Physics and Astronomy), Professor Luker (School of Nursing, Midwifery and Social Work) and Professor Whitehead (School of Chemistry).

In attendance: The Registrar and Secretary and the Head of the Student Services Centre.

### 1. Minutes

**Confirmed:** the minutes of the meeting held on 3 February 2010, subject to the addition of Dr McBride to those present.

#### 2. Matters arising from the minutes

There were no matters arising not dealt with elsewhere on the agenda.

# 3. Statement by the President and Vice-Chancellor

The President and Vice-Chancellor provided an oral supplement to his written statement as follows:

(a) Following very detailed discussion amongst its members concerning the current and forthcoming financial challenges for the University's operating environment, the Board of Governors had reaffirmed its strong support for the *Manchester 2015 Agenda*. In doing so, the Board had accepted that the University would be grossly irresponsible if, in response to emerging financial pressures, its sole response was to go into survival mode and cease to operate strategically. Consequently, it had adopted the following formal Resolution:

For Manchester, basic fiscal prudence will be regarded as necessary but insufficient and annual budgets will not be approved by the Board unless they provide for levels of strategic investment required to implement the Goals and Strategies set out in Advancing the Manchester 2015 Agenda. The Board of Governors had also approved, subject to consultation with the campus Trade Unions and the wider University community, a detailed package of financial measures designed to deal in a prudent, balanced way with (i) the impact on The University of Manchester of the first tranche of public funding cuts (announced by the Secretary of State on 22 December 2009), and (ii) accompanying increases in the University's pension costs. Elements within the approved package of measures included an Early Retirement Voluntary Severance (ERVS) scheme together with a range of options for staff who might be interested in more flexible working arrangements. Recognising the likelihood of further financial measures being necessary in the months and years ahead, the Board had adopted a series of principles (set out in the written statement) that would guide The University of Manchester in its management of financial pressures.

Following the closure of the consultation period regarding the ERVS scheme, the President informed the Senate of a number of changes to the scheme that had been agreed with the campus Trade Unions. These were as follows:

- (i) That the severance package for more than ten years' of continuous service would be fourteen months' basic salary.
- (ii) That in deciding whether to accept or reject applications for voluntary severance or early retirement, the University would give consideration to matters of workload management (notably the impact upon those staff remaining in post).
- (iii) That although the University was unable to agree to the proposal that all staff moving to flexible working arrangements would have a right to return to their previous mode of employment, it was agreed that such staff would receive preferential consideration for such requests.
- (b) As required by the HEFCE as a condition for future applications for capital funding, the University was in the process of developing an updated Estates Strategy. This would set out a development framework for The University of Manchester covering a ten year period from 2010 to 2020, focusing on providing the appropriate physical infrastructure to meet the University's vision contained in *Advancing the Manchester 2015 Agenda*. The University was working in close consultation with City Planners and proposed to have a draft strategy available for consultation with stakeholders across the campus prior to the Board of Governors meeting in October2010.

# 4. Ethnicity and Degree Attainment – The University of Manchester

**Received**: An oral report from the Associate Vice-President (Equality and Diversity) introducing a paper on Ethnicity and Degree Attainment at the University of Manchester.

#### Reported:

(a) In 2007 the DfES commissioned a report on '*Ethnicity and Degree Attainment*' (DfES Research Report RW92, 2007). After allowing for the majority of contributory factors which might impact on attainment, the report showed that ethnicity was a statistically significant and independent factor in explaining differential degree attainment in HE. The report showed that at all levels of attainment, black and minority ethnic (BME) students were found to be less likely to achieve a better degree relative to white UK and Irish students. HEFCE, DIUS and HEFCW subsequently commissioned the Equality Challenge Unit (ECU) and the Higher Education Academy (HEA) to look into the DfES research and published the '*Ethnicity, Gender and Degree Attainment Final Report*' in

2008. The research concurred with the DfES report and also showed that females were more likely to obtain higher degree classification than males, except when it came to attaining a first. They also found that the causes of degree attainment variation with respect to gender and ethnicity were found to be unlikely to be reducible to single, knowable factors.

- (b) Following on from these national research projects, data had been collected to investigate whether the degree attainment variation nationally was the same at The University of Manchester. Analysis considered degree attainment differences between UK and non-UK domiciled students, between males and females and within UK students, comparing black and minority ethnic students with white students. Initial data analysis showed variations in degree attainment based on ethnicity, non-UK domiciled students and on gender. All three areas needed to be investigated in more detail to find out the reasons for this. This first report focused only on degree attainment and the ethnicity of UK domiciled students.
- (c) Data analysis showed that there were significant differences in degree attainment between white and BME students. 75% of white students obtained a 'good degree' (1<sup>st</sup> class or Upper second) compared to 55% of BME students. The differences in degree classification between white and BME students occurred across all Faculties and differences in degree attainment between white and BME students were not explained by differences in socio-economic status between these groups of students. Differences between white and BME students remained across all socio-economic groups. The best predictor of degree outcome was the tariff points at entry. Overall BME students had slightly lower tariff points on entry compared to white students. However, even when tariff points are taken into account, BME students had poorer outcomes in terms of degree classification when compared to white students. These differences were statistically significant.
- (d) The data show that The University of Manchester mirrored the national picture within higher education. There was a statistical significant difference of degree attainment between white and BME students. The differences in degree attainment between BME and white students have been extensively investigated by statisticians on behalf of HEFCE and ECU. They concluded that ethnicity was an independent factor in explaining the differences between these two groups. The reasons were likely to be complex and related to a variety of factors. These included student engagement, curricula design, the scope of what is taught, student assessment and the feedback that was given to students. Unconscious bias and discrimination might also play a role. Some of these factors had been identified as areas of action as part of the It might also be the case that some of the Undergraduate Education Review. interventions and actions in relation to the review might need to be more focused in recognition of the diversity of the student body. The University could not be complacent in the light of these findings. As an institution which aspires to be one of the best in the UK and in the top 25 in the world, a situation where a large section of our students were systematically failing to achieve their potential because of their ethnic background could not be allowed to continue.
- (e) That initial recommendations following this data analysis were as follows:
  - (i) To acknowledge the findings detailed and commit to taking action to reduce the differences in degree attainment between BME and white students.
  - (ii) As part of the *Undergraduate Education Review* and the implementation of the Manchester Matrix an action plan was needed to tackle the problems that had been identified.

- (iii) Every School should review its own data and ensure that there was consideration given to curriculum design and assessment and to strengthen demonstrably fair, inclusive and adequate feedback regimes for all students.
- (iv) To undertake qualitative research with BME students and academic staff to identify possible reasons for the degree differential.
- (v) To seek to identify successful BME attainment and examples of good practice, to apply across the institution.
- (vi) To further investigate the academic appeals process. Data for the last four years suggested that appeals by BME students were more likely to be dismissed at the point when the appeal was being considered. 45% of appeals were from BME students.
- (vii) To incorporate relevant statistics as part of the annual Operational Performance Review (OPR) process.

During the ensuing discussion the following points were **noted**:

- (f) That the overall number of students included in the analysis was not sufficient to enable robust conclusions about the relative performance of different ethnic groups within the broad categories used.
- (g) That it would be possible to take account of best practice at other Universities seeking to address these issues. The Equality Challenge Unit was engaged in a study of a number of post-92 institutions that might result in useful insights.

**Resolved**: to ask the University's Teaching and Learning Group to review the data and bring forward to Senate recommendations which seek to address the lower levels of engagement and attainment from BME students.

# 5. Vice-President (Teaching and Learning)

The Vice-President (Teaching and Learning) provided an oral supplement to his written report as follows:

#### 2010 Recruitment

(a) The most recent recruitment data for entry in September 2010 were presented for information. Home and international undergraduate data were positive but careful management would be required to not exceed the agreed University UG home intake target and to achieve the agreed international UG intake minimum threshold respectively. PGT applications also appeared to be very positive overall, though again, continued concerted effort was required to convert these applications in order to achieve the home and international PGT intake targets.

National Student Survey

(b) As of 22 April, 67% of eligible final year undergraduates had taken part in the National Student Survey 2010. With one week remaining until the closure of the survey, the response rate had already exceeded the 2009 figure of 65%.

Policy on Feedback to Students

(c) **Approved**: the revised *Policy on Feedback to Undergraduate and Postgraduate Taught Students* for implementation from September 2010.

During the ensuing discussion the following points were **noted**:

- (d) It would be sensible for the University to monitor closely student satisfaction levels and academic quality levels in the context of sharply rising student numbers in some areas.
- (e) In response to a question from a member of the Senate about the apparent contradiction of the rise in application numbers at a time when poor NSS survey results have been a cause for concern to the University, the Vice-President (Teaching and Learning) noted that despite the overall rise in application figures there had been an apparent decline in the attractiveness of the University to the highest calibre of students (including Oxbridge candidates). It was also noted that two overseas jurisdictions had ceased funding students to study at the University due to concerns about the NSS survey outcomes.

#### 6. Vice-President (Research and innovation)

The Vice-President (Research and Innovation) provided an oral supplement to his written report as follows:

Research Excellence Framework (REF)

(a) In January 2010 HEFCE had released a document setting out a number of outcomes from its recent consultation on the nature of the Research Excellence Framework. Although further proposals concerning the assessment of research impact had been delayed until the completion of the ongoing pilot exercise (in which this University was a participant) the other announced outcomes continued, in many ways, a journey back towards elements familiar from RAE. The assessment would be undertaken by sub-panels for between 30 and 40 Units of Assessment (compared to 67 in RAE 2008) and would continue to require the selective submission of staff by HEIs. The definition of eligible staff had been tightened from that used in RAE and would no longer include staff with teaching-only contracts. A norm of four research outputs would be returned for each submitted member of staff and would be assessed against a five-point scale (1\* to 4\* and Unclassified). HEFCE would "proceed with caution" in making citation information available to some panels and remain mindful of the cost and equalities implications of doing so. Regarding the assessment of research environment, a move towards a generic template was indicated which, given the smaller number of UoAs, would "not be expected to relate to a single, coherent organizational structure". In general, the University welcomed these moves to ensure that REF delivers a robust assessment of research quality based very largely on the sound and tested principles of expert review.

Research Governance and Integrity

(b) The need for the establishment of formal structures to ensure accountability and effective decision making in the areas of research integrity and good governance in research had been discussed previously at Senate. The AVP for Research Integrity (Professor Nalin Thakker) had commenced a consultation exercise with Faculties and Schools on proposals for reform of this area and this would continue over the next year. A formal structure for accountability and effective decision making had been agreed in principle and higher risk activities had been prioritized for immediate attention. The key decision making and reporting body would be a new Research Conduct and Accountability Committee (RCAC) which would report to the Senior Executive Team. The membership would comprise of AVP for Research Integrity (Chair), VP or AVP for Research, AVP for Risk and Compliance, Designated Individuals for HTA Licenses, 'Person Responsible' for Non-commercial Clinical Trials, Chair of Ethics Chairs' Panel, Chair of Animal Research Committee and Head of University Research Office. It was anticipated the first meeting of this committee would be in June 2010.

Under the aegis of the RCAC, two specific groups would be established to take responsibility for oversight of those areas which carry significant risks relating to legal compliance i.e. storage of human tissues and clinical trials. The Chairs and membership of these groups had been agreed and once again it was anticipated that these groups would become operational in June 2010. In preparation for the Human Tissue Management Group, a survey of tissue holdings across the University had been launched. Once these two groups were operational, the RCAC would consider the broader issue of good practice and effective oversight of research activity in all areas.

The reform of the University Research Ethics Committees (RECS) was continuing with the five new independent RECs commencing operation in July 2010. The new RECs would have a much broader membership comprising of academic staff from all Faculties. The aim of this was to provide a more optimal ethics review of the broad range of research conducted by University staff and students. In order to provide a 'lay' input into our research and to widen local public participation in the Universities activities, a pilot scheme had been initiated with Manchester Beacon to identify lay members for the RECs.

Research Strategy and Policy Matters

- (c) The VP (Research) and the AVPs were consulting widely with Faculties and Research Institutes as part of a review of how University-level policies and strategies on research could enhance the strategies already in existence at Faculty and School level. This was focusing in particular on mechanisms to raise research quality; facilitate cross-disciplinary collaboration; and engage more effectively with external stakeholders. Proposals would go to the University Research group later in the summer.
- (d) Professor Chris Taylor was chairing a review of Research Finance. The terms of reference for the Review were as follows:

The University has recognised the need for a holistic review of the financial and general administration of research funding – from application to final report – and this was given added impetus by the recent management letter from the University's external auditors.

The overarching purposes of the review are to:

- ensure that there is effective support for academic staff in obtaining and managing research funding with timely and accurate financial management and planning information for PIs, Schools, Faculties, and senior managers;
- provide assurance that the accountability and reporting requirements of funding bodies and the University's auditors are satisfied;
- establish clear delegation of authority and responsibility for managing research funding, with appropriate arrangements for ensuring that all

professional support staff with delegated responsibility have the appropriate skills and receive appropriate training;

- *improve coordination with other support services, particularly HR, to minimise the barriers to effective and timely pursuit of funded research;*
- ensure there is cost-effective support for the University's research mission.

The Vice-President for Research and Innovation and the Registrar and Secretary are joint sponsors of this review and have asked Professor Chris Taylor, in conjunction with senior staff from the Finance Directorate and the Research Office, to lead the review project.

There would be widespread consultation around preliminary recommendations from the Review Group during the summer of 2010. Members of the Senate were invited to send Professor Taylor information on any particular issues they had encountered with the business process for research finance.

# 7. Appointment of the President and Vice-Chancellor

**Received**: an oral report from the Registrar and Secretary introducing a paper on the timetable and arrangements for the appointment of the next President and Vice-Chancellor of the University.

### Noted:

- (a) That the Registrar and Secretary had met with those members of the Senate who were also members of the Board of Governors. Three of these members of staff would serve on the Appointment Committee for the President and Vice-Chancellor as Category 3 members (reserved for members of the Senate).
- (b) That the Category 4 member of the Appointment Committee had been chosen.
- (c) That good discussions had taken place regarding the level of student involvement in the appointment process.
- (d) That pending receipt of this report by the Senate, the Chair of the Board of Governors would proceed to make final decisions regarding all remaining appointments to the Appointment Committee.

#### 8. Revision to Statute IX: The General Assembly

**Received**: a paper prepared by the Registrar and Secretary setting out proposals from the Board of Governors for revisions to Statute IX relating to the membership of the General Assembly.

**Endorsed**: the proposed revisions to Statute IX, noting that the proposals would return to the Board of Governors for formal approval in July 2010.

# 9. Amendments to Regulation XVII (Conduct and Discipline of Students)

**Received**: a paper prepared by the Head of Student Support and Services proposing amendments to Regulation XVII (Conduct and Discipline of Students). It was noted that following discussion at the meeting of Senate on 3 February 2010, and subsequent consultations, it had been decided not to proceed with the proposal to extend the scope of

Regulation XVII Conduct and Discipline of Students. The amendments set out in the paper related to operational matters and were proposed in the light of experience and circumstances.

Approved: amendments to Regulation XVII as follows.

(a) To add the following new penalty after paragraph 6 (f) and to renumber subsequent penalties accordingly:

# "(g) a fine of not more than £1000;"

This would increase the maximum level of fine which may be imposed by Student Discipline Committee of Senate from the current £500 to £1000 [Note: the limit of the fine had been £500 for many years and it was felt appropriate to increase it for use by Student Discipline Committee in more serious circumstances. The maximum fine which could be imposed summarily would remain at £500].

- (b) In order to facilitate the timely holding of Appeal Boards, to extend the range of University Officers empowered to Chair such Boards by including the Associate Vice-Presidents and Associate Deans. Currently, only Vice- Presidents/Deans could Chair an Appeal Board which causes practical difficulties and delays in arranging meetings and resolving appeals. It was therefore proposed that paragraph 33 be amended to read:
  - "33. The Appeal Board shall comprise: A Vice-President, Dean of a Faculty, Associate Vice-President or Associate Dean (in the Chair) A Head of School One professorial member and one non-professorial member of the academic staff, drawn in each case from a panel appointed for the purpose by the Senate A full-time student of the University nominated by the General Secretary of the Students' Union."

The following points made during the ensuing discussion were **noted**:

- (c) That, with regard to the previously envisaged joint appointment (with MMU) of an Off Campus Student Affairs Manager, both institutions had decided not to proceed and reconsider the nature of the appointment in due course.
- (d) That in response to a question from a member of Senate, it was noted that there was no direct relationship between the University's Appeal Boards and the Office of Independent Adjudication (OIA), but that referral of cases to the OIA remained a formal option available to students once the University's own internal processes had been exhausted.

# **10.** Matters for report to Senate

- (a) Elections to the Senate from 1 September 2010
  - (i) Further to the call for nominations, the following were declared elected unopposed with effect from 1 September 2010 to 31 August 2013, there being no requirement for ballots:

Faculty of Engineering and Physical Sciences (4 places)

Professor Philippa Browning Professor Jitesh Gajjar \*Professor Lin Li \*Professor Hong Wang

Faculty of Life Sciences (2 places)

\*Dr Matthew Cobb Dr Simon Lovell

Faculty of Humanities (4 places)

\*Dr Anne McBride Professor Noel Castree Professor Caroline Moser Professor Vera Tolz

 (ii) A ballot was required within the following electoral group, in respect of which the persons listed below have been elected, with effect from 1 September 2010 to 31 August 2013:

Faculty of Medical and Human Sciences (4 places)

Professor Ivan Leudar \*Dr Geraldine Lyte \*Dr Alison Qualtrough Dr Shaun Speed

*Note*: '\*' denotes a member re-elected.

(b) Report on exercise of delegations (on behalf of Senate and the Board of Governors)

# **Professorial appointments**

The following appointments have been approved on behalf of Senate and the Board of Governors:

# **Biomedical Research Centre Chair in Paediatric Science**

Professor Adrian Woolf, MD, previously Professor of Nephrology, UCL Institute of Child Health, London, as Biomedical Research Centre Chair in Paediatric Science (in the School of Medicine) from 1 January 2010.

### **Chair of Systems Pharmacology**

Professor Amin Rostami, Postgraduate Certificate in Medical Education, previously Professor of Systems Pharmacology, University of Sheffield, as Professor of Systems Pharmacology (in the School of Pharmacy and Pharmaceutical Sciences) from 7 December 2009.

#### Muriel Edith Rickman Chair in Breast Oncology

Professor Jonas Bergh, MD, MD, PhD, previously Senior Consultant at Radiumhemmet/Karolinska University Hospital, Muriel Edith Rickman Chair in Breast Oncology (in the School of Medicine) from 26 October 2009. **Chair in Bioethics** 

Professor Soren Holm, BA, MA, PhD, DrMed (Copenhagen), previously Professorial Fellow in Bioethics at Cardiff Law School, Cardiff University, as Professor of Bioethics in the School of Law from 1 August 2009.

### **Chair in Macroeconomics**

Professor Anne Villamil, BA, PhD (Minnesota), previously Professor of Economics and Faculty Fellow at the University of Illinois, as Professor of Macroeconomics in the School of Social Sciences from 29 August 2009.

### **Chair in Social Network Analysis**

Professor Martin Everett, BSc, MSc, DPhil (Oxford), previously Vice-Chancellor at the University of East London, as Professor of Social Network Analysis in the School of Social Sciences from 1 September 2009.

### **Chair in Accounting and Accountability**

Professor Jeffrey Unerman, BA, MSc, PhD (Sheffield), previously Professor of Accounting and Corporate Accountability at Royal Holloway School of Management, University of London, as Professor of Accounting and Accountability in the Manchester Business School from 14 December 2010.

# Chair in Accounting

Professor Richard Taffler, BSc, MSc, PhD (City University, London), previously Professor of Finance and Investment at the University of Edinburgh, as Professor of Accounting in the Manchester Business School from 1 January 2010.

# Chair in Medical Sociology in Social Statistics

Professor Tarani Chandola, BA, MA, MPhil, DPhil (Nuffield, Oxford), previously Senior Lecturer in the Department of Epidemiology and Public Health, University College London, as Professor of Medical Sociology in Social Statistics in the School of Social Sciences from 7 April 2010.

# Grant of the title of Professor Emeritus

Acting on behalf of Senate and the Board of Governors, the President and Vice-Chancellor has approved the conferment of the title of Professor Emeritus on the following:

Professor Raymond Bishop, Professor of Theoretical Physics in the School of Physics and Astronomy (from 1 October 2010)

Professor John Handley, Professor of Land Restoration and Management in the School of Environment and Development (from 1 September 2010)

Professor Ralph Spencer, Professor of Radio Astronomy in the School of Physics and Astronomy (from 1 October 2010)

### Other authorisations on behalf of the Senate

Acting on behalf of Senate, the President and Vice-Chancellor had approved the appointment of the following as members of the Awards and Honours Group for a period of three years from 1 September 2009 (or for as long as they continue to be members of Senate):

Dr Stuart Allan Professor Kerstie Börjars

Acting on behalf of Senate and the Board of Governors, and on the recommendation of the University's Awards and Honours Group, the President and Vice-Chancellor had approved the conferment, at a ceremony to be held during 2010, of the following degree honoris causa:

#### Norman Askew

LLD

Mr Askew is the first Chairman of the merged University's Board of Governors and, prior to that, he also chaired the Board of the Project Unity Company Limited by Guarantee. His tenure as Chairman and as a member of the Board of Governors would come to an end on 31 August 2010. Mr Askew has successfully overseen the largest merger in UK higher education history and, during his period of office, the resulting University has continued well on its course to become one of the top twenty-five universities in the world. It is in recognition of his unreserved commitment to the University, both during and after the merger, that he has been recommended for an honorary doctorate.

(c) New and amended undergraduate and taught postgraduate programmes approved by Faculties on its behalf during the 2009-10 session. Unless otherwise shown, the programmes will start in the 2010-11 session. Withdrawn or suspended programmes are listed for information.

#### New programmes

#### **Faculty of Humanities**

Undergraduate	History with Integrated Masters (MHist) Masters in Teaching and Learning
Postgraduate	Postgraduate Certificate in Health Management & Leadership (in collaboration with the King's Fund)

#### **Programme amendments**

### **Faculty of Humanities**

*Undergraduate* **BA (Hons) in Classical Studies** - reduction in compulsory units at Level 2 with no change to programme Learning Outcomes.

**BSc Profound & Complex Learning Disability** - introduction of a full-time route as well as the part-time route via distance learning

Postgraduate Master of Laws - LLM - Change to the programme structure of LLM entailing the introduction of two new pathways in 20101/11 - LLM (Public International & European Law); LLM (European Law & Governance)

**MSc Chinese Business & Management:**- change to core units with the introduction of 3 new units.

**MSc in Commercial Management** - new title:- MSc in International Commercial & Contract Management

**MSc in Executive Management** - addition of a new pathway to create MSc in Executive Management (Commercial Negotiations)

**Manchester Global MBA** - the merging of existing blended learning MBA programmes into the global MBA structures: MBA for Engineering Business Managers; MBA for Financial Managers and Finance Professionals; MBA for Construction Executives

**MEd Educational Policy & Management:**- addition of new pathway in Education Evaluation (validated programme delivered by the Moscow School of Economics and Social Sciences)

### Programme withdrawals or suspensions

Faculty of Humanities	Diploma in Profound & Complex Learning Disability (DL) BA (Hons) in Islamic Studies & Arabic BA (Hons) in Jewish Studies & Hebrew Manchester Global MBA (Accelerated) for BP Project Executives
	Manchester Global MBA (Accelerated) for Commercial Executives
	Manchester Global MBA (Accelerated) for Sports and Major Events
	Pathway within the MA in European Languages and Cultures - Visual Cultures of the French Speaking World
Faculty of Life Sciences	BSc in Biology & Computer Science and BSc in Biology & Computer Science with Industrial Experience

#### 11. Retirement of the President and Vice-Chancellor

**Agreed**: with acclamation to extend the gratitude and admiration of the Senate to Professor Alan Gilbert, on the occasion of his last meeting, for his service to the University of Manchester and to wish him health and happiness for his retirement.

#### 12. Any other business

There was no other business.