



Academic Board Agenda

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SUPPLEMENTARY AGENDA

for the meeting on Wednesday 15 May 2002

	Pages
★ 1. Apologies Additional apologies have been received from: Professors C Adam, S Chapman, S Leeder, B Roufogalis, G Sherington, M Vitale and P Wolnizer, Associate Professor W M C Maxwell, Dr M Torode and Ms P Kamvounias.	
5. Report of the Chair	
5.1 Report on Senate matters	
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<i>Recommendation</i> <i>That the Academic Board note the report of the Chair of the Academic Board on academic matters considered by Senate at its meeting on 6 May 2002.</i>	
6. Report of the Vice-Chancellor and Principal	
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<i>Recommendation</i> <i>That the Academic Board note the report of the Vice-Chancellor and Principal on matters considered by Senate at its meeting on 6 May 2002.</i>	

13. Report of the Research Committee

(Professor Graeme Gill)



13.1 Oral report of the Alternative Chair

Recommendation

That the Academic Board note the report of the Alternative Chair of the Research Committee.

13.2 Report of the meeting held on 12 February 2002

6-8

13.2.1 Receipt of report

Recommendation

That the Academic Board receive and note the report of the Research Committee meeting held on 12 February 2002.

13.2.2 Proceedings of the Committee

6-8

Recommendation

That the Academic Board note the proceedings of the Research Committee meeting held on 12 February 2002, as set out in the report presented.

13.3 Report of the meeting held on 12 March 2002

9-10

13.3.1 Receipt of report

Recommendation

That the Academic Board receive and note the report of the Research Committee meeting held on 12 March 2002.

13.3.2 Proceedings of the Committee

9-10

Recommendation

That the Academic Board note the proceedings of the Research Committee meeting held on 12 March 2002, as set out in the report presented.

13.4 Report of the meeting held on 9 April 2002

11-13

13.4.1 Receipt of report

Recommendation

That the Academic Board receive and note the report of the Research Committee meeting held on 9 April 2002.

13.4.2 Proceedings of the Committee

11-13

Recommendation

That the Academic Board note the proceedings of the Research Committee meeting held on 9 April 2002, as set out in the report presented.

AGENDA ITEM 5

Report of the Chair

5.1 Report on Senate matters

5.1.2 Report of the Senate meeting and Colloquium held on 6 May 2002

Senate, at its meeting and Colloquium on 6 May 2002, on the report of the Academic Board:

- (1) resolved
 - (i) with any changes hereafter made of a non-substantial nature including (but not limited to) as recommended by Parliamentary Counsel, to approve the University of Sydney (Academic Board Amendment) By-law 2002 and the University of Sydney (Academic Governance) Rule 2002 and note that the Rule will come into effect on and from the date the By-law is effected;
 - (ii) to note that further amendments to University legislation also need to be effected as a consequence of the Review, and that these amendments will be referred to Senate at a later date to be effected at the same time as the By-law,
as recommended in the report; and
 - (iii) congratulated the Chair of the Academic Board and relevant officers for their work in bringing the Review to this stage.

AGENDA ITEM 6 Report of the Vice-Chancellor and Principal

6.1 Report on Senate matters

6.1.2 Report of the Senate meeting and Colloquium held on 6 May 2002

Senate, at its meeting and Colloquium held on 6 May 2002:

- (1) noted the report that Mr Marcus Trimble had won the RAIA Design Medal as the top design student in NSW and that Mr Drew Williamson had received an RAIA HPA/MIRVA Commendation, and congratulated the students involved.
- (2) appointed Professor Ken Eltis as the University's appointed Director on the Board of the ATPI with Professor Les Field as his designated alternate.
- (3) approved the nomination of Mr James Longley as Chair of the Board of the Centenary Institute for a period of three years to 15 May 2005.
- (4) approved the establishment of the University of Sydney Australian Lebanese Foundation under the Constitution set out in the report with an amendment to section 4.1.
- (5)
 - (i) approved the reorganisation of the Senior Executive Group as outlined in the report;
 - (ii) approved the membership of the Selection Committee for the position of Deputy Vice-Chancellor (Academic and International) as follows:

Ex Officio:

- Chancellor
- Deputy Chancellor
- Chair of the Academic Board
- Vice-Chancellor

Appointed by Senate:

- *Two nominees of Senate (who may or may not be Fellows of Senate)*
The Hon John Hatzistergos
Professor Margaret Harris
Dr Robin Fitzsimons (Reserve)
- *One additional member of the Academic Board, on the nomination of the Chair of the Board*
Professor Stephen Garton
Professor Beth Reid (Reserve)

- (iii) approved the membership of the Selection Committee for the position of Deputy Vice-Chancellor (Research) as follows:

Ex Officio:

- Chancellor
- Deputy Chancellor
- Chair of the Academic Board
- Vice-Chancellor

Appointed by Senate:

- *Two nominees of Senate (who may or may not be Fellows of Senate)*
Mr David Hoare
Professor Ann Sefton
Mr John McCarthy QC (Reserve)
- *One additional member of the Academic Board, on the nomination of the Chair of the Board*
Professor Don Melrose
Professor Max Bennett (Reserve)

- (iv) resolved that, in the case of Selection Committees for the Pro-Vice-Chancellors (College), the two members of the College should be nominated by the Chair of the Academic Board;
- (v) approved the following Selection Committees:

For the Pro-Vice-Chancellor (College of Health Sciences)

Ex Officio:

- Chancellor
- Vice-Chancellor
- Chair of the Academic Board, or nominee

Appointed by Senate:

- *Two nominees of Senate (who may or may not be Fellows of Senate)*
Professor Ann Sefton
Dr Suzanne Jamieson
Dr Gavan Butler (Reserve)
- *Two members of the College (plus one reserve) nominated by the Chair of the Academic Board*
Professor Paul Seale
Professor Carol Armour
Professor Gwynnyth Llewellyn (Reserve)
- *One member, external to the University, on the nomination of the Vice-Chancellor*
Professor Steven Boyages (Director, Western Area Health Service)

For the Pro-Vice-Chancellor (College of Sciences and Technology)

Ex Officio:

- Chancellor
- Vice-Chancellor
- Chair of the Academic Board, or nominee

Appointed by Senate:

- *Two nominees of Senate (who may or may not be Fellows of Senate)*
Mr Bruce Corlett
Mrs Margaret Varady
Dr Gavan Butler (Reserve)
- *Two members of the College (plus one reserve) nominated by the Chair of the Academic Board*
Professor Philip Kuchel
Professor Jim Petrie
Professor Marcela Bilek (Reserve)
- *One member, external to the University, on the nomination of the Vice-Chancellor*
Professor Helen Garnett (CEO, ANSTO)

- (6) noted the report that the Vice-Chancellor had approved the renaming of the School of Population Health and Health Services Research in the Faculty of Medicine as the School of Public Health.
- (7) noted the report that the Vice-Chancellor had approved the establishment of the Fine Arts Alumni and Friends Association.
- (8) noted a report on Development and External Affairs, and endorsed the proposed Sesquicentenary commemorative postage stamps.
- (9) held a Colloquium on the Government reform agenda for higher education.

AGENDA ITEM 13.2 **Report of the Research Committee**

13.2 Report of the Research Committee meeting held on 12 February 2002

The Committee met on 12 February 2002 when there were present: The Chair (Professor G Gill) presiding, Professors J Carter, L Field, M Harris, M L Maher, C Pollock, Associate Professor P McCallum, Dr J Lingrad and Mr K Barlow. Mr W Dawson and Mr E Micallef were in attendance.

13.2.1 Receipt of report

The Committee **recommends** that the Academic Board receive and note the following report of its meeting held on 12 February 2002.

13.2.2 Proceedings of the Committee

(1) Items carried over

(a) Intellectual Property Rule

Professor Field noted that the draft I P rule went to the December meeting of the Academic Board but was not discussed. It was held over for the first meeting of this year, which is scheduled for 13 February. There has been a significant change made to the way teaching material is handled in this rule. The change provides for the ownership of teaching material to be vested with the University, with members of staff being given a perpetual, royalty free licence to use the material and a share in the benefit, if commercialised. This change was regarded necessary for the University to guarantee its teaching program.

(b) Composition of the Research Committee

Professor Gill noted that this item would be discussed as part of item (2).

(c) Expert advisory Committees of the ARC

Professor Field noted that 9 nominations were put forward from the University. At this stage it is not clear who were still on the Panels and which nominations have been accepted. Professor Field undertook to update this information for the next Research Committee meeting.

(2) Research Committee - its membership, structure and function (including Review of Academic Board and Academic Forum)

Professor Gill noted that the current review of the Academic Board and the Academic Forum had gone to the Chancellor and Senate, which had resulted in some changes to the report of the review team. Although these changes do not impact on this committee, Professor Gill raised the issue of membership of the Research Committee to ensure that the composition of the committee represented the cross section of research disciplines within the University. Professor Gill would like the Research Committee to look at a number of areas including (but not limited to):

- structure of membership (are all constituencies covered?)
- turnover of members (not including ex-officio members)
- functions of the Committee (policy issues)
- relationship between this Committee and College Committees
- monitoring research performance.

The relationship between the Research Committee and College Research Committees is a particularly important issue. Professor Gill undertook to write to the Chairs of these Committees to obtain their annual plan, time-table, terms of reference, reports, etc. The University Research Committee will work at establishing guidelines/principles of dialogue between the College Research Committees and the University Research Committee.

(3) **Reports**

(a) **Professor Les Field, Pro Vice-Chancellor (Research)(Acting)**

Professor Field reported on the following:

- *Dean of Graduate Studies*: This position has now been advertised with a closing date of 7 March. The position will report to the Pro-Vice-Chancellor (Research) and will have responsibility for all postgraduate students across the University.
- *Report on internal R & D support*: The scheme worked well in 2002 and we can expect to have a Major Equipment Scheme, New Staff Support Scheme, Research and Development Scheme and Near Miss Scheme in 2003. The Research Committee will look at draft guidelines and a time line will be produced by early June for all Sesqui R & D Schemes.
- *Federation Fellowships*: These are ARC funded. 25 are available each year and are for 5 years with a salary component of \$225,000 per year and matching University funds. Only 15 were offered in 2001, so there will be a supplementary round in 2002 of the remaining 10, possibly with an emphasis in the designated priority of research (Nano-Materials and Bio-Materials; The Genome-Phenome Link; Photon Science and Technology; and Complex Systems).
- *Centres of Excellence*:
 - (i) *Information Communication Technology (ICT)* – The University of Sydney is a core participant in two bids: The National ICT bid led by the University of New South Wales with nodes at ANU, UNSW and ATP; and Horizons Institute bid, being driven by the ATP with strong emphasis from the photonics group.
 - (ii) *Bio-Technology*: The University of Sydney is involved in three bids – The Australian Centre for Bio-technology and Bio-diversity driven by Griffith University with 28 partners, with main nodes at Griffith, UNSW and ATP; The Australian BioSciences Centre driven by ANU with nodes at Canberra and Sydney; and The Neuro Biotechnology Centre, driven out of Melbourne.
 - (iii) It is clear that the University has identified a large number of strong research groups and it was necessary to foster clear leadership. . These research groups should be centres of excellence in their own right and the University must look at leading bids in the future.
- *Major National Research Facilities*: Professor Field noted that the University was successful in one MNRF application where we were the lead institution: Nanostructural Analysis Network Organisation (NANO), which was led by Associate Professor Simon Ringer from the EMU.
- *CRCs*: Professor Field noted that a new round for CRCs is closing early May. The University currently has about 13 interested groups working on bids, which should result in about 8 serious bids.
- *Research Performance Data*: data, which is currently collected by the Planning Office used in the funding formula for inclusion in the budget, will now be collected by the Research Office after being signed off by the Pro-Vice-Chancellor (Research). It is intended that the Pro-Vice Chancellor (Research) Office would

also provide data to the Research Committee, Colleges, Faculties and Departments benchmarked against the GO6.

- *Government announcement of strategic priorities:* Professor Field noted that the Government issued a direction to the ARC that it ensure that no less than 33% of the total funds allocated to research under the National Competitive Grants Programme (NCGP) in the 2003 funding round will be allocated to priority area research programs. The designated priority areas of research are:
 - (i) Nano-materials and Bio-materials
 - (ii) Genome/Phenome Research
 - (iii) Complex/Intelligent Systems
 - (iv) Photon Science and Technology.
- *New Centres of Excellence:* The Government had announced that there would be a round of Centres of Excellence in 2002. Criteria for selecting Centres of Excellence include business planning, strategic management and communication.
- *Postgraduate Research Support Scheme:* Reports are due in mid February. The PVC(R) will produce a report on the scheme when all reports have been received.

(b) Mr Warwick Dawson, Director, Research Office

Mr Dawson reported on the following:

- *Publications data:* The Research Office is looking at two vendors with a view to introducing a new Management Information System, which should streamline the publication data collection exercise.
- *NHMRC day:* This was held on 19 December and successfully attracted more than 100 attendees who participated in Chair and Panel discussions.
- *ARC Linkage International:* A reminder that Linkage International Fellowships close on 22 March 2002 and that Linkage International Awards have no closing date.
- *Linkage Infrastructure Equipment and Facilities Scheme:* The closing date for this scheme is one month earlier than last year. There is an internal closing date of 15 March. Applicants who applied for the Systemic Infrastructure Initiative should consider applying for LIEF.
- *NSW BioFirst Awards:* The NSW Government is introducing this major initiative to provide opportunities for Australian biotechnology research workers to further their research careers in NSW. College PVCs are coordinating applications from their College.

AGENDA ITEM 13.3 **Report of the Research Committee**

13.3 Report of the Research Committee meeting held on 12 March 2002

The Committee met on 12 February 2002 when there were present: The Chair (Professor G Gill) presiding, Professors J Carter, M Christie, L Field, M L Maher, D Melrose, Drs J Lingrad and L Poladian and Mr K Barlow. Dr C Baxter, Mr W Dawson and Mr E Micallef were in attendance.

13.3.1 Receipt of report

The Committee **recommends** that the Academic Board receive and note the following report of its meeting held on 12 March 2002.

13.3.2 Proceedings of the Committee

(1) Correspondence

Correspondence was received from the Chair of the College of Sciences and Technology and the Chair of the College of Humanities and Social Sciences Research Committees. This correspondence is dealt with at item 3.2 below.

(2) Items carried over

(a) Expert Advisory Committees for the ARC

These are shown at Attachment 'A' of the Minutes.

(b) CRC bids

Professor Field noted that there were 16 CRC's that the University is currently involved with, some of which are now formally finished and powering down. CRC's have been operating for some 10 years and we are now only just emerging from the first full cycle. Most were funded for 7 years and these are now winding-up to consolidate their affairs.

(3) Review of Research Committee

The Committee discussed its *terms of reference* and concluded that some minor rewording would be needed to bring it up to date to account for the current University structure and processes.

The Committee focused on its relationship with College/Faculty Research Committees and wanted to ensure that there is a flow of information between all Research Committees. Of more concern was the flow of information from Faculty Committees to the University Research Committee (URC). The Chair wrote to College Research Committees and invited them to comment on their relationship with this Committee and their Faculty Research Committees. Reports were received from the College of Sciences and Technology and the College of Humanities and Social Sciences. The Committee found the reports produced very useful and it was agreed that these reports will now be requested on an annual basis.

The Committee discussed membership of the Committee and agreed that Professor Gill will look at current membership and our Terms of Reference with a view of updating them (to take into account issues raised at attachment 'B') and to bring the draft back to this committee for discussion and approval prior to sending off to Academic Board.

(4) Reports

(a) Professor Les Field, Pro Vice-Chancellor (Research)(Acting)

Professor Field reported on the following:

- *IP Rule*: The rule went to Senate and was passed and is now formally incorporated in the University statutes and will be on the web. A plain English version will be disseminated. The IP rule will need to be revised annually.

- *Research and Research Training Management Plan*: Guidelines for this are now available and the plan is required in Canberra mid year. A working party consisting of Professors Field, Gill and Ross, Mr Dawson, Mr Charles Davidson and Dr Baxter will work on the primary document.
- *Overheads Policy*: The 'outside earnings' policy is currently being updated and within this policy there is reference to recovery of University overheads. The University currently only has draft guidelines for cost recovery and this area is currently being reviewed through the Office of the PVC(R).
- *Postgraduate Support Schemes*: 2001 was the first year of this scheme in its current format. A working party will review the operation of this scheme and a report will be sent to this Committee. The working party will include Professors Field and Ross and Mr Barlow.
- *CRC briefing paper*: Professor Field circulated an informal briefing paper on CRCs which will be fleshed out for the next meeting.
- *Return on Funding Drivers*: Professor Field handed out a comparative analysis on the return of funding drivers comparing pre-white-paper and post-white-paper values. Of significant importance is the shift from enrolments to completions in earning income and the increase in funding due to research income. Attachment 'C' shows the approximate return per unit and a comparison of pre-white-paper and post-white-paper values. It was noted that all funding received on the basis of research performance is about \$100m.

(b) **Mr Warwick Dawson, Director, Research Office**

Mr Dawson reported on the following:

- *NHMRC*: The University submitted 200 applications (202 last year). In comparison, the University of Melbourne submitted 200, Queensland 170, Monash 160 and UNSW 155;
- *ARC*: there has been a 20% increase in the number of applications received;
- *New Information System*: the evaluation committee has made a selection for the preferred vendor;
- *APD with 4 year teaching commitment*: it was suggested and accepted that for 2004 funding, ARC APD applications for 4 year teaching commitments should go to HoD's much earlier if an informed judgement is to be made. As these decisions have resource implications, it would be preferable that the Research Office immediately advises HoD's of any applicants they become aware of.

AGENDA ITEM 13.4 **Report of the Research Committee**

13.4 Report of the Research Committee meeting held on 9 April 2002

The Committee met on 9 April 2002 when there were present: The Chair (Professor G Gill) presiding, Professors J Carter, M Christie, L Field, D Melrose and C Pollock, Associate Professor R Ross, Drs J Lingrad and L Poladnam and Mr K Barlow. Dr C Baxter, Mr W Dawson, Ms M Robb and Mr E Micallef were in attendance.

13.4.1 Receipt of report

The Committee **recommends** that the Academic Board receive and note the following report of its meeting held on 9 April 2002.

13.4.2 Proceedings of the Committee

(1) Correspondence

As a result of sending out invitations to attend the URC, acceptances were received. There was no other correspondence received.

(2) Items carried over

(a) Attendance at URC by members of the Faculty Research Committee

Professor Gill noted that he had written to all members of Faculty Research Committees and has now allocated members to meetings, 2 members per meeting.

(b) Research and Research Training Management Plan

Professor Field noted that the Working Party met last week and was expected to have a first draft of the report by the end of April.

(c) Review of Postgraduate Support Scheme

Professor Field noted that any 2001 money left in Departmental accounts for this scheme as at 31 March 2002 was cleared (approximately \$500,000) and will be allocated with this year's commitment of \$1 million. Allocation for 2002 will be split \$225,000 for students continuing under the old scheme and \$1,225,000 to new students. Allocations will be based on student load and most Departments should get an increase in allocation. Comments from Departments have been received and many will be incorporated in new guidelines, which are being developed. Changes will include an increase in the upper limit to \$2,000 for travel to overseas conferences, and the ability for students to claim expenses prospectively based on quotes. Guidelines will be revised and should be available by the end of April.

(3) CRC's at the University of Sydney

Professor Field noted that there were 16 CRC's that the University is currently involved with, some of which are now formally finished and powering down. CRC's have been operating for some 10 years and we are now only just emerging from the first full cycle. Most were funded for 7 years and these are now winding-up to consolidate their affairs. The CRC program provides a long-term very significant commitment to research programs. Some CRC's are incorporated (independent legal entity with the University as a share-holder); some are unincorporated (held together as a joint venture with a Board representing the interests of constituencies). Professor Field noted a number of advantages and disadvantages associated with the CRC program. These included:

Positives:

- Long-term very significant commitment to research programs allowing for the prospect of tackling 'big' research questions;

- Viewed very positively by Government;
- Directs dollars to the University through category 4 income;
- Can provide secondary (category 3) income;
- Can provide some direct salary support to researchers;
- Boosts the research critical mass of a department;
- Provides secondary income through scholarship support and therefore enrolments and completions;
- Substantial kudos associated through successful commercial outcomes;
- Can provide long-term commercial returns to the University.

Negatives:

- Long term commitment to research programs and by-and-large the University is not well prepared for long term commitments;
- CRC's involve some prescriptive direction to research;
- CRC's require a significant management/administrative commitment;
- CRC's require real commitment of resources from the University (personnel, space, labs, infrastructure). Some require real cash commitments;
- Large scale programs need careful management;
- Postgraduate Students require careful management;
- Staff commitment to the CRC's is real;
- CRCs strive for independence and identity;
- The fact that they have many partners requires complex legal agreements and the University is almost always not the dominant and driving party;
- IP needs to be carefully managed.

There is a need to ensure that Deans and Pro-Vice-Chancellors are kept in the loop with respect to the development of CRC's and that they fit the University structure and are fully documented. On the issue of postgraduates, it was felt that up to 10% of graduates work in association with a CRC and that mechanisms need to be in place to ensure that graduates are fully aware of their roles, responsibilities and obligations as part of a CRC. The Committee noted that it was important for students involved in CRC's to have good mentoring and be fully informed about IP issues and other contractual arrangements.

(4) Draft revised Terms of reference for the membership of the Research Committee

Professor Gill spoke to a paper distributed at the meeting (Attachment 'A'). The paper was endorsed and will be referred to the Academic Board, with the exception that the Chair of Graduate Studies should also be an ex-officio member.

(5) Reports

(a) Professor Les Field, Pro Vice-Chancellor (Research)(Acting)

- *National PVC/DVC Meeting*: This meeting discussed the following:
 - (i) *Research and Research Management Training Plan* – prefer to do this every four years instead of annually and report only exceptions annually. Also much data collected is duplicated by DEST data collection, except in different format and aggregations;
 - (ii) *ARC* - Professors Sara and Cram gave a presentation on Centres of Excellence. Implications are that there will be 8 – 10 Centres of Excellence in areas of designated priorities. Also likely that next round of Federation Fellowships will be closely linked to Centres of Excellence, i.e., 16 out of 25 will go to Centres of Excellence, 4 for each priority areas;
 - (iii) *Presentations on priority areas* – the Government is defining national priority areas long term (10 – 15 years), by theme.

- *LIEF*: The University is involved in 27 LIEF applications so far this year, 14 being led by the University and 13 in collaboration with other Universities.
 - *Report on Research Drivers*: Professor Field handed out a report (Appendix 'B'), which dealt with Block Research Funding for 2002 and the Return on Funding Drivers for the University of Sydney.
 - *Centres of Excellence*: There are two bids for Centres of Excellence this year, InfoTech and BioTech:
 - (i) Final interviews are being conducted for the Information Technology Centre of Excellence with 3 bids short-listed. The University of Sydney is involved in two of these bids.
 - (ii) Short-listed bids for BioTechnology Centre of Excellence are still to be announced. The University of Sydney is involved in two major bids.
- (b) **Mr Warwick Dawson, Director, Research Office**
Mr Dawson reported on the following:
- *ARC Discovery Projects*: 301 applications were submitted this year compared to 256 last year;
 - *Linkage Projects*: Seminars are now completed. 130 attended the seminars;
 - *Publications and Income Collections*: This is currently underway. It is important to note that the University of Sydney must be a by-line on all publications to be counted for 2002 publications. This is particularly important for affiliations, CRC's, etc.
- (c) **Dr Claire Baxter, Director, Business Liaison Office**
The BLO is running an IP Seminar, 9:30 – 12:30 on 7 May in collaboration with IP Australia, with a number of internal and external speakers. Topics include a discussion of the revised IP Rule and participants will receive information about intellectual property identification and management. This will contribute to the University's compliance with the National Principles for IP Management for Publicly Funded Research. A notice about the seminar will be distributed this week.
- (d) **Ms Merrilee Robb, Director of Research Development**
Ms Robb noted that she is leading a series of seminar with foundations on University research. Ms Robb also advised that she would be working on the new round of Federation Fellowships.