

Summary Table of Research Review Information for Senate Estimates February 04

Review	Period of Review	Estimated Expenditure
Research Infrastructure Taskforce	1 July 03 to 7 November 03	296,000
Knowledge and Innovation Evaluation	1 June 03 to 17 November 03	292,000
Review of Closer Collaboration	1 July 03 to 1 December 03	285,000
Mapping of Science and Innovation	November 02 to December 03	1,232,000
Backing Australia's Ability Evaluation	August 03 to October 03	34,000
Cooperative Research Centre (CRC) Evaluation	February 03 to July 03	185,000
Development of National Research Priorities	13 February 02 to 28 November 03	1,260,000

Note - Amounts are rounded and as at 31 January 04

1 added.
20/02

*Dependent
from ARC.
provided
in
answers.
tabled.
20/2.*

ATTACHMENT B

2004 ARC College of Experts Membership

Inter-disciplinary program clusters:

- BSB Biological Science and Biotechnology
- EES Engineering and Environmental Sciences
- HCA Humanities and Creative Arts
- MIC Mathematics, Information and Communications
- PCG Physics, Chemistry and Geosciences
- SBE Social, Behavioural and Economic

Professor David Abramson	MIC	Ms Kim Anderson	HCA
School of Computer Science and Software Engineering Monash University 900 Dandenong Road CAULFIELD VIC 3145		Director Digital Services Nine Television 3 Alexander Avenue MOSMAN NSW 2088	
Professor Sally Andrews	SBE	Professor Tony Bacic	BSB
Professor of Cognitive Psychology School of Psychology Building A19 The University of Sydney SYDNEY NSW 2006		Plant Cell Biology Research Centre School of Botany The University of Melbourne MELBOURNE VIC 3010	
Professor Graham Baker	EES	Ms Robyn Baker	HCA
Dean of Engineering Faculty of Engineering and Surveying University of Southern Queensland TOOWOOMBA QLD 4350		Partner Clayton Utz Level 18 333 Collins Street MELBOURNE VIC 3000	
Professor Lynda Beazley	BSB	Mr John Boshier	EES
School of Animal Biology M092 The University of Western Australia 35 Stirling Highway CRAWLEY WA 6009		Director of Planning Australian Broadcasting Authority PO Box 34 BELCONNEN ACT 2616	
Professor Igor Bray	PCG	Professor John Carter	EES
Physics & Energy Studies Murdoch University South Street MURDOCH WA 6150		Department of Civil Engineering The University of Sydney SYDNEY NSW 2006	
Professor Peter Cawood	PCG	Professor Hilary Charlesworth	HCA
Director Tectonics Special Research Centre School of Earth and Geographical Sciences The University of Western Australia 35 Stirling Highway CRAWLEY WA 6845		Director Centre for International and Public Law The Australian National University CANBERRA ACT 0200	

Professor David Cook	BSB	Professor Linda Connor	HCA
Department of Physiology F13 The University of Sydney SYDNEY NSW 2006		President of Academic Senate School of Social Sciences The University of Newcastle CALLAGHAN NSW 2308	
Professor James Dale	BSB	Professor Glen Deacon	PCG
Director Science Research Centre Queensland University of Technology GPO Box 2434 BRISBANE QLD 4001		School of Chemistry Monash University CLAYTON VIC 3800	
Associate Professor Alan Dench	SBE	Dr Steven Duvall	MIC
Head of School School of Humanities The University of Western Australia NEDLANDS WA 6009		Fellow and Director of Strategic Investment Intel Australia Level 17 111 Pacific Highway NORTH SYDNEY NSW 2060	
Dr Saman Fernando	EES	Professor Larry Forbes	MIC
Research Development and Innovations Manager Ajax Engineered Fasteners Reception 76-88 Mills Road BRAESIDE VIC 3029		School of Mathematics & Physics University of Tasmania GPO Box 252-37 HOBART TAS 7001	
Professor Thomas Gonda	BSB	Professor Amanda Goodman	BSB
Centre for Immunology and Cancer Research Univeristy of Queensland 4 th Floor Resarch Extension, Building 1, Princess Alexandra Hospital, Ipswich Road WOOLLOONGABBA QLD 4102		Professor of Biology (Microbiology) School of Biological Sciences The Flinders University of South Australia GPO Box 2100 ADELAIDE SA 5001	
Professor David Goodman	HCA	Professor Robert Gregory	SBE
Director Institute for International Studies University of Technology, Sydney PO Box 123 BROADWAY NSW 2007		Economics Research School of Social Sciences The Australian National University CANBERRA ACT 0200	
Associate Professor Margaret Harding	PCG	Professor Margaret Harris	HCA
School of Chemistry The University of Sydney SYDNEY NSW 2006		Director, Research Institute for Humanities and Social Sciences The University of Sydney SYDNEY NSW 2006	

Professor Timothy Harrison	PCG	Professor Richard Hobbs	EES
Director Research School of Earth Sciences The Australian National University CANBERRA ACT 0200		School of Environmental Science Murdoch University MURDOCH WA 6150	
Professor Peter Hodgson	EES	Professor Graeme Hugo	SBE
Associate Dean (Research) Faculty of Science and Technology Deakin University GEELONG VIC 3217		Department of Geographical & Environmental Studies The Univeristy of Adelaide North Terrace ADELAIDE SA 5000	
Professor Donald Iverson	SBE	Dr Christopher Johnson	BSB
Faculty of Health and Behavioural Sciences University of Wollongong WOLLONGONG NSW 2522		School of Tropical Biology, James Cook University TOWNSVILLE QLD 4811	
Professor Daniel Kalma	EES	Associate Professor Michael Keough	BSB
Professor of Environmental Engineering School of Engineering The University of Newcastle CALLAGHAN NSW 2308		Department of Zoology The University of Melbourne PARKVILLE VIC 3010	
Professor James Litster	EES	Professor Gaoqing Max Lu	EES
Department of Chemical Engineering The University of Queensland ST LUCIA QLD 4072		The Nanomaterials Centre & Chemical Engineering Department The University of Queensland ST LUCIA QLD 4072	
Professor Stuart Macintyre	HCA	Professor Vera Mackie	HCA
Dean, Faculty of Arts The University of Melbourne PARKVILLE VIC 3010		Foundation Professor of Japanese Studies School of Languages and Intercultural Education Curtin University of Technology GPO Box U1987 PERTH WA 6845	
Professor Jeffery Malpas	HCA	Professor Iven Mareels	MIC
Head of School School of Philosophy University of Tasmania Private Bag 41 HOBART TAS 7001		Department of Electrical and Electronics Engineering The University of Melbourne MELBOURNE VIC 3010	
Professor Robert Minasian	MIC	Professor Alistair Moffat	MIC
School of Electrical and Information Engineering The University of Sydney CAMPERDOWN NSW 2006		Department of Computer Science and Software Engineering The University of Melbourne PARKVILLE VIC 3010	

Professor Barry Muddle	EES	Dr John Nieuwenhuysen	SBE
School of Physics & Materials Engineering Monash University CLAYTON VIC 3800		19 Iona Avenue TOORAK VIC 3142	
Professor Keith Nugent	PCG	Professor Maria Orłowska	MIC
School of Physics The University of Melbourne PARKVILLE VIC 3010		School of ITEE The University of Queensland ST LUCIA QLD 4072	
Dr John O'Sullivan	MIC	Professor Julie Owens	BSB
Manager Wireless IC Cisco Systems Level 2 3 Innovation Rd NORTH RYDE NSW 2113		Deputy Head Physiology School of Molecular and Biomedical Science The University of Adelaide ADELAIDE SA 5005	
Professor Andrew Parkin	SBE	Professor John Patrick	BSB
School of Political and International Studies Flinders University GPO Box 2100 ADELAIDE SA 5001		Biological Sciences School of Environmental and Life Sciences The University of Newcastle CALLAGHAN NSW 2308	
Professor John Patterson	EES	Professor Iain Raeburn	MIC
School of Engineering James Cook University TOWNSVILLE QLD 4811		Professor of Mathematics The University of Newcastle CALLAGHAN NSW 2308	
Professor Zdenko Rengel	EES	Dr Ezio Rizzardo	PCG
School of Earth and Geographical Sciences Faculty of Natural and Agricultural Sciences M087 The University of Western Australia 35 Stirling Highway CRAWLEY WA 6009		CSIRO Fellow CSIRO Molecular Science Bag 10 CLAYTON SOUTH VIC 3169	
Professor Margaret Seares	HCA	Professor Graeme Shanks	MIC
Deputy Vice-Chancellor The University of Western Australia NEDLANDS WA 6009		School of Business Systems Monash University CLAYTON VIC 3800	
Professor Simon Sheather	MIC	Associate Professor Michelle Simmons	PCG
Australian Graduate School of Management The University of New South Wales SYDNEY NSW 2052		School of Physics The University of New South Wales KENSINGTON NSW 2052	
Professor Geoffrey Soutar	SBE	Professor Deborah Terry	SBE
Director, Graduate School of Management The University of Western Australia NEDLANDS WA 6907		Head of School School of Psychology The University of Queensland ST LUCIA QLD 4072	

Dr Christopher Tinney	PCG	Dr Robin Torrence	HCA
Head of Astronomy Anglo-Australian Observatory PO Box 296 EPPING NSW 1710		Principal Research Scientist Division of Anthropology Australian Museum 6 College Street SYDNEY NSW 2010	
Professor Graeme Turner	HCA	Professor David De Vaus	SBE
Director, Centre for Critical and Cultural Studies The University of Queensland ST LUCIA QLD 4072		Head of School School of Social Sciences La Trobe University BUNDOORA VIC 3086	
Professor Robert Vincent	PCG	Dr Larry Ward	BSB
Department of Physics and Mathematical Physics The University of Adelaide ADELAIDE SA 5005		Development Manager Virax Holdings Ltd Suite 220, 89 High Street KEW VIC 3101	
Dr Robert Watts	PCG	Dr Richard Williams	BSB
177 Fenwick Street Carlton North MELBOURNE VIC 3054		Principal Research Scientist CSIRO Sustainable Ecosystems PMB 44 WINNELLIE NT 0821	
Professor Robert Williamson	MIC	Professor Alan Woodland	SBE
Research School of Information Sciences and Engineering The Australian National University ACTON ACT 0200		Econometrics and Business Statistics The University of Sydney SYDNEY NSW 2006	
Dr Lesley Wyborn	PCG	Professor Lyn Yates	SBE
Geochemistry & Metallogeny Minerals & Geohazards Division Geoscience Australia GPO Box 378 CANBERRA ACT 2601		Faculty of Education University of Technology, Sydney PO Box 222 LINDFIELD NSW 2070	



Australian Government
Australian Research Council

CEO: Professor Vicki Sara
Postal Address: GPO Box 2702 Canberra ACT 2601 Australia
Street Address: Cnr Jerrabomberra Ave and Hindmarsh Drive
Symonston ACT 2609 Australia
Tel: + 61 2 6284 6600 Fax: + 61 2 6284 6601
www.arc.gov.au

23 February 2004

Mr John Carter
The Secretary
Employment, Workplace Relations
and Education Committee
The Senate
Parliament House
CANBERRA ACT 2600



Dear Mr Carter

I am writing to you to formally correct my advice to the Committee at the Supplementary Budget Estimates hearing held on 18 February 2004.

At those hearings I indicated, in response to a question from Senator Carr, that 50 Fellowships had been awarded and 49 Fellowships had been taken up under the Federation Fellowships scheme (EWRE Hansard page 31). This was incorrect. 50 Fellowships have been awarded and 48 Fellowships have been taken up since the scheme was established in 2001.

Yours sincerely

Professor Vicki Sara



4th March 2004

Senator John Tierney,
Chair, EWRE Legislation Committee,
The Senate,
Parliament House, Canberra

By FAX to 02-6277-3351

Dear Senator Tierney,

I am writing because Senator Harradine referred to me in an inaccurate fashion in the course of his questions to Dr Vicki Sara (Chair, ARC) with regard to stem cell ethics (Wednesday 18th Feb) during the Senate EWRE Committee Debate. This is in the context of the help that I am giving in constituting an independent committee to look at broader ethical issues concerning stem cell research. The intention is that this independent committee would include those with many views among the spectrum found in the community, and would have the opportunity to discuss issues in a flexible way. The committee itself is still in the process of formation. Senator Harradine asked my qualifications to Chair such a committee (itself a misunderstanding, since I am only helping to organise the committee and hope to avoid becoming the Chair), and also stated that I support human cloning.

First, may I present my qualifications? I am a Fellow of the Australian Academy of Science, a Fellow of the Royal Society, and an Officer of the Order of Australia, in each case awarded in part for my contributions to studies on Ethics of the Human Genome Project and Stem Cell Sciences. I was a non-scientific/medical ("public") nominee on the Genetic Manipulation Advisory Group in the U.K. from 1976 to 1988, when this was the lead body dealing with ethics issues on gene cloning and safety. I was a member of the Australian Academy of Science working group on stem cell research (2000), and Rapporteur of the W.H.O. conference on Ethics and the Human Genome Project (2000). I have been a member of the Editorial Board of the Journal of Medical Ethics since 1992, have edited an issue of the Journal of Medical Ethics on the genome project, and have authored several refereed articles on these subjects. I am currently acting director of the "Ethics and the Human Genome" unit at the Murdoch Childrens Research Institute.

I have no financial investments in or connections with any commercial company, in stem cells or other areas of biotechnology, apart from membership of a number of Australian scientific advisory boards for which I receive no personal remuneration.

Next, as to my views on "human cloning", Senator Harradine states that I am "very much supporting human cloning". I find this remarkable, as I am among those who have spoken out strongly against human cloning. I have stated on many occasions that I am in favour of strengthening the laws against reproductive cloning. In 1999 I published one of the first (possibly the first) refereed comments on human cloning in the Journal of Medical Ethics, with the title: "Human Reproductive Cloning is Unethical Because it Undermines Autonomy" and I have made many similar public statements since.

Patron Dame Elisabeth Murdoch AC DBE
Director Professor Bob Williamson FRS FAA
ABN - 76 566 972

Royal Children's Hospital
Flemington Road Parkville
Victoria 3052 Australia

Phone +613 8341 621
Fax +613 9348 1391
www.murdoch.rch.unimelb.edu.au

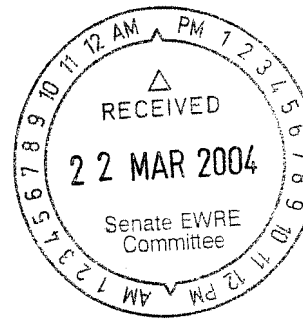
I attach an editorial from "The Lancet", one of the top two medical journals internationally, that makes relevant points on the Korean work. I believe that all views must be treated with respect, including the views of Senator Harradine, but I also believe that all views must be reported accurately. I wish to thank Senator Carr for making the point that Senator Harradine was not representing my views accurately.

Finally, it is true that (along with a majority of those in our Parliament) I believe that it is appropriate to use in research a small number of the human embryos that have been created for IVF and are no longer required for that purpose, subject to consent, ethics committee approval and legal constraints. I believe this is better than throwing these embryos away, which the previous law required. I differ with Senator Harradine in believing that if their use can help us treat children with diseases such as cystic fibrosis and ataxia, this will be a positive rather than a negative development.

Bob Williamson

Professor Bob Williamson, AO, FAA, FRS

Cc The Secretary to the Committee, John Carter (02-6277-5706)



Level 11 AMP Place
10 Eagle Street Brisbane Q 4000
GPO Box 3120 Brisbane Q 4001
Phone (07) 3246 2300
Fax (07) 3246 2490
www.anta.gov.au

March 2004

Mr John Carter
Secretary
Senate Employment, Workplace Relations and Education Legislation Committee
Suite SG52
Parliament House
Canberra ACT 2600

Dear John,

**Senate Employment, Workplace Relations and Education Legislation Committee
Hansard – 18 February 2004**

I am writing to clarify a statement I made to the Committee at the hearing on 18 February 2004.

The last paragraph on Page 51 of the Hansard shows that I stated 'the Australian National Audit Office (ANAO) is coming in to look at 36 skill centres'. This statement was made in relation to Recommendation 138 of the Cole Royal Commission, which recommends an audit of all building and construction skill centres that have received funding through ANTA.

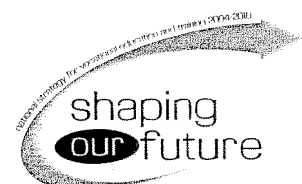
I was in error when making that statement. At this stage there are no arrangements for the ANAO to audit any skill centres. Instead, my response to the Committee should have reflected that officials from DEST are in discussion with the ANAO with respect to conducting an audit of building and construction skill centres, and that ANTA is awaiting further advice on the matter.

I would appreciate if this matter can be clarified for the Committee before the next hearing. If you would like to discuss this matter or require any further information, my contact number is 07 3246 2476.

Yours sincerely,


Kareena Arthy
Director
Research Planning and Reporting

Copy
Maryanne Ryan
Department of Education Science and Training



King Edward Terrace Canberra ACT
PO Box E28 Kingston ACT 2604 Australia
t +61 2 6270 2800 f +61 2 6270 2808

Mr John Carter

Secretary, Employment, Workplace Relations
and Education Committee

SG52, Parliament House
Canberra ACT 2601

Dear Mr Carter



Correction to Hansard of Wednesday 18 February 2004

I wish to advise that an element of the response provided to Senator Carr and the Employment, Workplace Relations and Education Committee recorded on page 106 of the Hansard of 18 February 2004 is incorrect.

On page 106 Senator Carr asks me, on the subject of state science centres:

“Do you think they are variable in quality?”

My reply begins: “Yes. Many of them” and goes on to mention “there are small science centres in Devenport, Tasmania and in Ballarat, Bendigo and Wollongong”.

The mention of Ballarat is incorrect and should instead read ‘Melbourne.

Thank you for your assistance in correcting this in the Hansard entry. Please let me know if you require any further information or clarification.

Kind regards

A handwritten signature in black ink that reads 'Graham Durant'.

Graham Durant

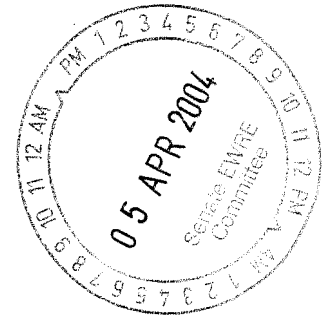
Director

23 March 2004



31 March 2004

Mr John Carter
Secretary
Employment, Workplace Relations and Education
Legislation Committee
SG52 Parliament House
CANBERRA ACT 2600



Dear Mr Carter

Re: Additional Estimates Hearing, 18 February 2004

I am writing to advise you of incorrect advice given at the Additional Estimates Hearing on 18 February 2004.

Referring to the applicants short-listed for the Director's position, Senator Carr asked "Are they all international applications?". Mr Peter Willers replied "Yes. Of the six, four are international".

In fact, three of the six short-listed applicants were international, not four, as advised by Mr Peter Willers.

Yours sincerely

Peter Willers
Acting Director

CC: DEST, Leonie Bashfield

► **Townsville address:**

PMB No 3,
Townsville MC, Qld 4810
Telephone: (07) 4753 4444
Facsimile: (07) 4772 5852

► **Darwin address:**

PO Box No 40197
Casuarina MC, NT 0811
Telephone: (08) 8945 9524
Facsimile: (08) 8946 6847

► **Perth address:**

PO Box No 83,
Fremantle, WA 6959
Telephone: (08) 9433 4440
Facsimile: (08) 9433 4443



Chief Executive

Limestone Avenue Campbell ACT 2601
PO Box 225
Dickson ACT 2602
Australia
Tel: (61 2) 6276 6621
Fax: (61 2) 6276 6628
E-mail: geoff.garrett@csiro.au
<http://www.csiro.au>

Our Ref:

3 May 2004

Mr John Carter
Secretary
Senate Employment, Workplace Relations and Education Legislation Committee
Parliament House
CANBERRA ACT 2600

Dear Mr Carter

Clarification of statements made about the appointment of Mr Ian Dean as a consultant

In response to questions directed at CSIRO at the Additional Estimates hearing on 18 February, I made certain statements regarding the timing of the appointment of Mr Ian Dean (Groman Consulting Group) as a consultant to CSIRO. On closer examination, it now appears that I inadvertently misinformed the Committee about when Mr Dean was first identified as a potential supplier of consulting services. This arose from a misinterpretation of relevant internal documentation in support of Mr Dean's appointment in 2001.

Thus, on page 83 of the Hansard, based on this documentation I stated that:
"CSIRO's research of international consultants had identified at that time – 1999, well before Geoff Garrett arrived on the scene – only two consultants with this type of experience: one was Stargate Consultants in Canada and the second was Groman Consulting Group – Mr Dean – in South Africa."

The full tender process conducted by CSIRO in 1999 for Leadership and Development providers failed to identify any providers with the requisite skills for the task envisaged. However, Stargate Consultants were identified at the time as the most likely providers, despite not having the full range of organisational expertise to carry out the assignments envisaged. Groman Consulting Group was not identified until 2001 as a potential supplier of the required services.

I apologise for this unintended error, and would appreciate your bringing it to the attention of the Committee members.

Yours sincerely


G G Garrett