ARC grants and Languages
20 November 2014

Academy of Humanities conference workshop, for heads of European Languages
Denise Meredyth
Executive Director, Humanities and Creative Arts
Australian Research Council
Sources


The Grants Peer Review Process

All Disciplines

- Biological Sciences and Biotechnology (BSB)
- Engineering, Mathematics and Informatics (EMI)
- Humanities and Creative Arts (HCA)
- Physics, Chemistry and Earth Sciences (PCE)
- Social, Behavioural and Economic Sciences (SBE)
The Grants Peer Review Process

External Reviewer

Rank

Committee Review

Recommendation to CEO

Minister Approval

Internal Reviewer

$ $$
Discovery Projects Grants rankings 2013

Each symbol represents up to 2 observations.
ARC submission and success rates
ARC Proposals Received: 2-Digit FOR (%) 2006–2013
20 code disciplines

Mainly
• FoR 2005 Literary Studies
But also
• 2001 Communication and Media Studies
• 2002 Cultural Studies
• 2003 Language Studies
• 2004 Linguistics
• 2099 Other Language, Communication and Culture
Number of proposals received and funded by 2-digit FoR code

[past 4 years Discovery Projects and 5 years Linkage Projects]
Number of proposals received and funded (all schemes) (on the basis of Primary 4-digit RFCD/FoR codes)
Discovery Projects—Number of proposals received (green) and projects funded (purple), and success rate (blue), 2011 to 2014
Linkage Projects—number of proposals received (green) and funded (purple), and success rate (blue), 2010 to 2014
Future Fellowships—number of proposals received (red) and funded (green), and success rate (blue), 2010 to 2014
Cross-disciplinarity
FOR Network mapping..
[Fruchterman reingold]

STEM disciplines highlighted

01 MATHEMATICAL SCIENCES
02 PHYSICAL SCIENCES
03 CHEMICAL SCIENCES
04 EARTH SCIENCES
05 ENVIRONMENTAL SCIENCES
06 BIOLOGICAL SCIENCES
07 AGRICULTURAL AND VETERINARY SCIENCES
08 INFORMATION AND COMPUTING SCIENCES
09 ENGINEERING
10 TECHNOLOGY
11 MEDICAL AND HEALTH SCIENCES
12 BUILT ENVIRONMENT AND DESIGN
13 EDUCATION
14 ECONOMICS
15 COMMERCE, MANAGEMENT, TOURISM AND SERVICES
16 STUDIES IN HUMAN SOCIETY
17 PSYCHOLOGY AND COGNITIVE SCIENCES
18 LAW AND LEGAL STUDIES
19 STUDIES IN CREATIVE ARTS AND WRITING
20 LANGUAGE, COMMUNICATION AND CULTURE
21 HISTORY AND ARCHAEOLOGY
22 PHILOSOPHY AND RELIGIOUS STUDIES
FOR Network mapping..
[Fruchterman reingold]

HASS disciplines highlighted

| 01 MATHEMATICAL SCIENCES                  | 02 PHYSICAL SCIENCES                        |
| 03 CHEMICAL SCIENCES                      | 04 EARTH SCIENCES                            |
| 05 ENVIRONMENTAL SCIENCES                 | 06 BIOLOGICAL SCIENCES                       |
| 07 AGRICULTURAL AND VETERINARY SCIENCES   | 08 INFORMATION AND COMPUTING SCIENCES        |
| 09 ENGINEERING                            | 10 TECHNOLOGY                                |
| 11 MEDICAL AND HEALTH SCIENCES            | 12 BUILT ENVIRONMENT AND DESIGN              |
| 13 EDUCATION                              | 14 ECONOMICS                                 |
| 15 COMMERCE, MANAGEMENT, TOURISM          | 16 STUDIES IN HUMAN SOCIETY                 |
| 17 PSYCHOLOGY AND COGNITIVE SCIENCE       | 18 LAW AND LEGAL STUDIES                     |
| 19 STUDIES IN CREATIVE ARTS AND WRITING   | 20 LANGUAGE, COMMUNICATION AND CULTURE       |
| 21 HISTORY AND ARCHAEOLOGY                | 22 PHILOSOPHY AND RELIGIOUS STUDIES          |

Source data: http://www.arc.gov.au/general/searchable_data.htm
FOR Network mapping.. [Force Atlas 2]
FOR 20 code Studies in Creative Arts and Writing.

Network at 6 digit level
Literary studies
Total funding for Literary Studies, by scheme, 2010/11 to 2014, by scheme

$24.25 m
ARC Centre of Excellence
for the History of Emotions

Funding amounts (millions)

2011 2012 2013 2014
Future
Centres
DP
DECRA
Indigenous
LIEF
LITERARY STUDIES (2005) by 6-digit level FoR code (all schemes, regardless of primary classification code, years 2010/11–14)

Size of bubble indicates the total percentage of a 6-digit level code in all projects funded.
Percentage totals of 6-digit level codes, *(DP and LP, 2010/11 to 2014)*

No LP projects for Literary Studies funded.
Percentage totals of 6-digit level FoR codes in all projects funded (all schemes, 2010/11 to 2014)
Non-primary 4-digit FoR components in projects with primary FoR in Literary Studies (2010/11 to 2014), all schemes

Number shown is for percentage totals of the FoR
Number and proportion of single and cross-discipline projects (2010/11 to 2014)

Cross-discipline projects are those where the applicant indicated that the research content was distributed over at least two 2-digit FoR codes, with no more than 70 per cent in any one of those codes.

Single-disciplinary projects are those where the applicant indicated that more than 70 per cent of the research content in the proposal lay within a single 2-digit RFCD code.

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Primary Code Text</th>
<th>Cross</th>
<th>Single</th>
<th>% Cross</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future</td>
<td>COMMUNICATION AND MEDIA STUDIES</td>
<td>1</td>
<td>4</td>
<td>20%</td>
</tr>
<tr>
<td></td>
<td>CULTURAL STUDIES</td>
<td>0</td>
<td>6</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>LANGUAGE STUDIES</td>
<td>1</td>
<td>1</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>LINGUISTICS</td>
<td>2</td>
<td>4</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>LITERARY STUDIES</td>
<td>1</td>
<td>5</td>
<td>17%</td>
</tr>
<tr>
<td></td>
<td>LINGUISTICS</td>
<td>1</td>
<td>2</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>LITERARY STUDIES</td>
<td>1</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>LITERARY STUDIES</td>
<td>1</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>Laureate</td>
<td>LINGUISTICS</td>
<td>1</td>
<td>2</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>LINGUISTICS</td>
<td>1</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>LITERARY STUDIES</td>
<td>1</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>DP</td>
<td>COMMUNICATION AND MEDIA STUDIES</td>
<td>3</td>
<td>7</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td>CULTURAL STUDIES</td>
<td>14</td>
<td>20</td>
<td>41%</td>
</tr>
<tr>
<td></td>
<td>LANGUAGE STUDIES</td>
<td>0</td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>LINGUISTICS</td>
<td>5</td>
<td>24</td>
<td>17%</td>
</tr>
<tr>
<td></td>
<td>LITERARY STUDIES</td>
<td>10</td>
<td>41</td>
<td>20%</td>
</tr>
<tr>
<td></td>
<td>OTHER LANGUAGE, COMMUNICATION AND CULTURE</td>
<td>3</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>DECRA</td>
<td>COMMUNICATION AND MEDIA STUDIES</td>
<td>2</td>
<td>5</td>
<td>29%</td>
</tr>
<tr>
<td></td>
<td>CULTURAL STUDIES</td>
<td>3</td>
<td>5</td>
<td>38%</td>
</tr>
<tr>
<td></td>
<td>LANGUAGE STUDIES</td>
<td>0</td>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>LINGUISTICS</td>
<td>1</td>
<td>3</td>
<td>25%</td>
</tr>
<tr>
<td></td>
<td>LITERARY STUDIES</td>
<td>2</td>
<td>6</td>
<td>25%</td>
</tr>
<tr>
<td>LP</td>
<td>COMMUNICATION AND MEDIA STUDIES</td>
<td>5</td>
<td>8</td>
<td>38%</td>
</tr>
<tr>
<td></td>
<td>CULTURAL STUDIES</td>
<td>6</td>
<td>6</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>LANGUAGE STUDIES</td>
<td>1</td>
<td>1</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>LINGUISTICS</td>
<td>3</td>
<td>2</td>
<td>60%</td>
</tr>
<tr>
<td></td>
<td>OTHER LANGUAGE, COMMUNICATION AND CULTURE</td>
<td>1</td>
<td>2</td>
<td>33%</td>
</tr>
</tbody>
</table>
ARC Centres of Excellence
Overview of ARC Centres of Excellence

- The ARC Centres of Excellence scheme was originally established in 2002 to support research intended to build **national capability in areas of national importance** and develop the **scale and focus** necessary for Australia to achieve **international standing** in those areas.

- The scheme funds **world class, internationally competitive research teams** investigating, and finding solutions to, challenging and important Australian and international problems.
Investment in excellence for the longer term

• ARC Centres of Excellence $1–4m a year for up to seven years

HCA Centres
• Creative Industries and Innovation
• History of Emotions
• Dynamics of Language
• Policing and Security (HCA/SBE)
The ARC Centres of Excellence—objectives

- highly innovative and potentially transformational research
- interdisciplinary, collaborative approaches
- develop relationships and build new networks
- build Australia’s human capacity
- postgraduate and postdoctoral training
- large-scale problems over longer periods
- points of interaction between unis, business, govt, private sector
Centres of Excellence 2014
Success by discipline

*BSB = Biological Sciences and Biotechnology; EMI = Engineering, Mathematics and Informatics; HCA = Humanities and Creative Arts; PCE = Physics, Chemistry and Earth Sciences; SBE = Social, Behavioural and Economics Sciences

Source: 2014 Selection Report Table 1
Laureate Fellows 2014
Success by discipline

*BSB = Biological Sciences and Biotechnology; EMI = Engineering, Mathematics and Informatics; HCA = Humanities and Creative Arts; PCE = Physics, Chemistry and Earth Sciences; SBE = Social, Behavioural and Economics Sciences

Source: 2014 Selection Report Table 5
Requested and approved funding for *ARC Centres of Excellence 2014* by discipline panel

<table>
<thead>
<tr>
<th>Panel*</th>
<th>Proposals approved</th>
<th>Requested funds over project life (approved Proposals)</th>
<th>Approved funds over project life (approved Proposals)</th>
<th>Approved funds as % of requested funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB</td>
<td>4</td>
<td>$108,127,261</td>
<td>$96,000,000</td>
<td>88.78%</td>
</tr>
<tr>
<td>EMI</td>
<td>3</td>
<td>$71,532,842</td>
<td>$65,000,000</td>
<td>90.87%</td>
</tr>
<tr>
<td>HCA</td>
<td>1</td>
<td>$28,000,000</td>
<td>$28,000,000</td>
<td>100.00%</td>
</tr>
<tr>
<td>PCE</td>
<td>3</td>
<td>$83,932,145</td>
<td>$75,999,996</td>
<td>90.55%</td>
</tr>
<tr>
<td>SBE</td>
<td>1</td>
<td>$25,200,000</td>
<td>$20,000,000</td>
<td>79.37%</td>
</tr>
<tr>
<td>Total</td>
<td>12</td>
<td>$316,792,248</td>
<td>$284,999,996</td>
<td>89.96%</td>
</tr>
</tbody>
</table>

*BSB = Biological Sciences and Biotechnology; EMI = Engineering, Mathematics and Informatics; HCA = Humanities and Creative Arts; PCE = Physics, Chemistry and Earth Sciences; SBE = Social, Behavioural and Economics Sciences*
### Numbers of EOIs, Proposals and success rates for ARC Centres of Excellence 2014 by discipline panel

<table>
<thead>
<tr>
<th>Panel*</th>
<th>EOIs considered</th>
<th>EOIs shortlisted</th>
<th>EOI success rate (%)</th>
<th>Proposals considered</th>
<th>Proposals interviewed</th>
<th>Proposals approved</th>
<th>Proposals success rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSB</td>
<td>26</td>
<td>6</td>
<td>23.1%</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>66.7%</td>
</tr>
<tr>
<td>EMI</td>
<td>33</td>
<td>5</td>
<td>15.2%</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>60.0%</td>
</tr>
<tr>
<td>HCA</td>
<td>11</td>
<td>4</td>
<td>36.4%</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>25.0%</td>
</tr>
<tr>
<td>PCE</td>
<td>23</td>
<td>5</td>
<td>21.7%</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>60.0%</td>
</tr>
<tr>
<td>SBE</td>
<td>10</td>
<td>2</td>
<td>20.0%</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>50.0%</td>
</tr>
<tr>
<td>Total</td>
<td>103</td>
<td>22</td>
<td>21.4%</td>
<td>22</td>
<td>22</td>
<td>12</td>
<td>54.5%</td>
</tr>
</tbody>
</table>

*BSB = Biological Sciences and Biotechnology; EMI = Engineering, Mathematics and Informatics; HCA = Humanities and Creative Arts; PCE = Physics, Chemistry and Earth Sciences; SBE = Social, Behavioural and Economics Sciences
What the Centres need to look like

• The Centres are the largest investments of the ARC Grants Program
• Centres foster frontier interdisciplinary research, with innovative and highly integrated Research Programs
• Centres are critical for the next generation of researchers – capacity building
• Leading the way – international reputation
• Building on important collaborations
• Public benefits and research impact
Linkages and partnerships