ARC funding in the humanities and creative arts

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More Information

• http://www.arc.gov.au/media/ARC_Presentations.htm

• http://www.arc.gov.au/general/searchable_data.htm
ARC and the funding landscape
National Competitive Grants Program

**Discovery Program**
- Laureate Fellowships
- DECRA
- Discovery Indigenous
- Future Fellowships
- Discovery Projects

**Linkage Program**
- Centres of Excellence
- Co-Funded & SRI
- ITRP
- Linkage Projects
- LIEF

**Discovery Program Funding**
2013-14 - $551.4 million

**Linkage Program Funding**
2013-14 - $332.4 million
ARC NCGP funding by University (%) 2007–2013

RUN
IRU
ATN
Unaligned
Go8
Engagement by University
Strength in Linkage and Discovery Schemes

Percentage of scheme funds obtained

- Diff
- DP
- LP
Australian Research Grants Committee 1974—% funding share compared with ARC NCGP 2013

[Graph showing funding share comparison between 1974 and 2013 for various universities and institutions.]

- U Sydney
- Monash
- U Adelaide
- UNSW
- U Melbourne
- U Queensland
- UWA
- ANU
- Flinders
- U Tas
- UNE
- La Trobe
- Macquarie
- Newcastle
- Victoria (others)
- James Cook
- NSW (others)
- Wollongong
- RMC
- WA (others)
- Murdoch
- Tas (others)
- QLD (others)
- SA (others)
- ACT (others)
Assessment process
NCGP Proposal Lifecycle

- Development of Funding Rules
- Eligibility Exemption Request
- Proposal Submission
- Request Not to Assess
- Assessment Process
- Rejoinder
- Selection Meeting
- Approval of Outcomes
- Funding Agreements and Appeals
- Post Award
- Development of RMS
- Recruitment of College of Experts or Selection Advisory Committee
- Eligibility
- Announcement
- End of Year and Progress Reports
- Final Report
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

- Information flow

Diagram:
- Applicant
- External Assessors
- ARC
- College of Experts
- Minister

Flow:
- Application
- Funding result
- 1st ranking
- Final ranking
Final Proposal Score Calculation

- “Grouped Average” of all submitted assessments for the proposal
- This calculation results in a “Proposal Score”
- For the meeting proposal ranks are calculated for each panel
- Any proposals (within same panel) with equal Proposal Scores will have equal ranks.

\[
\text{Average of General} \quad \overbrace{\text{Average of Detailed}}^\text{Average} \quad \downarrow \quad \text{RANK}
\]
The Grants Peer Review Process

External Reviewer

Internal Reviewer

Rank

Committee Review

Recommendation to CEO

Minister Approval

$ $$
National Competitive Grants Program

ARC Research Opportunity and Performance Evidence (ROPE)

• The ARC is committed to ensuring all eligible researchers have fair access to competitive funding through the National Competitive Grants Program.

• The ARC considers that Research Opportunity comprises two separate elements:
  – Career experiences (relative to opportunity)
  – Career interruptions

• The new ROPE Statement (released Feb 2014) is online at: http://www.arc.gov.au/applicants/rope_statement.htm
Discovery Projects Grants rankings 2013

Each symbol represents up to 2 observations.

Discovery
Network = Go8

Additional feedback
Patterns of application and success by discipline/FOR
Total ARC funding by major scheme and selected HCA/SBE disciplines (2002–14)
Number of proposals received and funded by 2-digit FoR code

[past 4 years Discovery Projects and 5 years Linkage Projects]
Cross-disciplinary collaboration
Percentage totals of non-primary FoR codes in projects (2010/11 to 2014) all schemes

| Pr. | Primary2dTxt       | Agricultural and Veterinary Sciences | Biological Sciences | Built Environment and Design | Chemical Sciences | Commerce, Management, Tourism & Retail | Earth Sciences | Economics | Education | Engineering | Environmental Sciences | History and Archaeology | Information and Computing Sciences | Language, Communication and Cultural Studies | Law and Legal Studies | Mathematical Sciences | Medical and Health Sciences | Philosophy and Religious Studies | Physical Sciences | Psychology and Cognitive Sciences | Studies in Creative Arts and Writing | Studies in Human Society | Technology |
|-----|---------------------|--------------------------------------|---------------------|-------------------------------|-------------------|---------------------------------------|----------------|----------|-----------|------------|----------------------|--------------------------|-----------------------------|-------------------------------------|----------------------|------------------------|----------------------|-----------------------------|-------------------------|----------------|--------------------------|----------------------------------------|--------------------------|--------|
| 1   | Mathematical Sciences |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 2   | Physical Sciences    |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 3   | Chemical Sciences    |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 4   | Earth Sciences       |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 5   | Environmental Sciences|                                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 6   | Biological Sciences  |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 7   | Agricultural and Veterinary Sciences |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 8   | Information and Computing Sciences |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 9   | Engineering          |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 10  | Technology           |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 11  | Medical and Health Sciences |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 12  | Built Environment and Design |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 13  | Education            |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 14  | Economics            |                                      |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 15  | Commerce, Management, Tourism & Retail |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 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 Cultural Studies |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 21  | History and Archaeology |                                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
| 22  | Philosophy and Religious Studies |                     |                     |                               |                   |                                       |                |          |           |            |                     |                          |                            |                                     |                      |                        |                      |                            |                         |                |                          |                                         |                        |         |
FOR Network mapping..
[Fruchterman reingold]

HASS disciplines highlighted

Source data:
http://www.arc.gov.au/general/searchable_data.htm
FOR Network mapping..

[Fruchterman reingold]

HASS - ZOOM
Case study 1:
2103 Historical studies
Total funding for Historical Studies (2010 to 2014)
By scheme

No funding awarded in Linkage Infrastructure, Equipment and Facilities (LIEF) scheme
HISTORICAL STUDIES (2103) 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.
Non-primary 4-digit FoR components in projects with primary FoR in Historical Studies (2010/11 to 2014), all schemes

Number shown is for percentage totals of the FoR
Case study:
2002 Cultural studies
Funding ($) for projects with primary 4-digit FoR in Cultural Studies by scheme (2011 to 2014)

No projects funded in LIEF scheme
Cultural Studies (2002)—by 6-digit level FoR code (all schemes, regardless of primary classification code) (2010/11 to 2014)

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

**DP**

- **2002 04** Cultural Theory
- **2002 03** Consumption and Everyday Life
- **2002 99** Cultural Studies not elsewhere classified
- **2002 12** Screen and Media Culture
- **2002 06** Globalisation and Culture
- **2002 02** Asian Cultural Studies
- **2002 05** Culture, Gender, Sexuality
- **2002 09** Multicultural, Intercultural and Cross-cultural Studies
- **2002 01** Aboriginal and Torres Strait Islander Cultural...
- **2002 11** Postcolonial Studies
- **2002 08** Migrant Cultural Studies

**LP**

- **2002 04** Cultural Theory
- **2002 03** Consumption and Everyday Life
- **2002 99** Cultural Studies not elsewhere classified
- **2002 12** Screen and Media Culture
- **2002 06** Globalisation and Culture
- **2002 02** Asian Cultural Studies
- **2002 05** Culture, Gender, Sexuality
- **2002 09** Multicultural, Intercultural and Cross-cultural Studies
- **2002 01** Aboriginal and Torres Strait Islander Cultural...
- **2002 11** Postcolonial Studies
- **2002 08** Migrant Cultural Studies
Academic workforce issues and NCG success
First-time awardees by scheme 2008–14
Participation and success of CIs in DP13 and DP14 by gender and career age

![Graph showing participation and success of CIs in DP13 and DP14 by gender and career age. The graph includes data for 0-5 Yrs, 5-10 Yrs, 10-15 Yrs, 15-20 Yrs, 20-25 Yrs, and 25 Yrs plus. The graph displays male and female percentages as well as male and female success percentages.](image-url)
Success rate (%) of HCA/SBE CIs in *Discovery* by career age (years post PhD) 2002–14

(Note—fellow applicants have been included as funded on all funded projects)
Success rate (%) of HCA/SBE CIs in DP, by title and type of university (2002–14)

(Note - fellow applicants have been included as funded on all funded projects)
ARC Linkage projects
The *Linkage Projects* scheme objectives

- initiation and/or development of **long-term strategic research alliances** between higher education organisations and other organisations, including industry and end-users, in order to apply advanced knowledge to problems and/or to provide opportunities to obtain national economic, social or cultural benefits;

- scale and focus of research in **Strategic Research Priorities**;

- opportunities for researchers to pursue internationally competitive research in **collaboration** with organisations outside the higher education sector, targeting those who have demonstrated a clear commitment to high-quality research; and

- growth of a **national pool** of world-class researchers to meet the needs of the broader Australian innovation system.
Some Linkage Stats: Funding and Success Rates

Linkage Projects Funding and Success rate

Since 2005 there have been nearly 2200 instances of collaboration with Australian private companies, as partner organisations on linkage grants.
LP14

Number approved and partner contributions
Linkage—Instances of Collaboration by Org Type

- Other
- Non-Profit - International
- Non-Profit - Australian
- Higher Education - International
- Government - State & Local
- Government - International
- Government - Commonwealth
- Company/Industry Body - International
- Company/Industry Body - Australian
LP Linkages
Australia
2011–14

Higher Education
Government
Commercial
Non-profit/other
LP Linkages
University of Melbourne
2011–14
Partner Organisation Views: Why Use LP Scheme?

- Chance of success is reasonably high: 47 Important, 10 Not Important
- Possible to obtain larger grants: 76 Important, 2 Not Important
- Access to highly skilled research personnel: 88 Important, 2 Not Important
- Opportunity to build longterm relationships with uni researchers: 92 Important, 2 Not Important
The Partner Organisation must make a significant contribution in cash and/or in kind, to the project that is equal to, or greater than, the ARC funding.
Number of projects (all schemes) involving GLAM, by 2-digit FoR code (2008 to 2014)

- Biological Sciences
- History and Archaeology
- Environmental Sciences
- Studies in Creative Arts and Writing
- Earth Sciences
- Language, Communication and...
- Studies in Human Society
- Chemical Sciences
- Physical Sciences
- Philosophy and Religious Studies
- Law and Legal Studies
- Information and Computing Sciences
- Technology
- Built Environment and Design
- Agricultural and Veterinary Sciences
- Engineering
- Commerce, Management, Tourism...
- Psychology and Cognitive Sciences
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 $1–4 m 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
## 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>
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<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>
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<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><strong>Total</strong></td>
<td><strong>103</strong></td>
<td><strong>22</strong></td>
<td><strong>21.4%</strong></td>
<td><strong>22</strong></td>
<td><strong>22</strong></td>
<td><strong>12</strong></td>
<td><strong>54.5%</strong></td>
</tr>
</tbody>
</table>

*BSS = 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