The ARC

National Competitive Grants Program
$884.0 M in 13-14

Discovery & Fellowships
$596.3 M

Linkage & Centres
$314.7M

Evaluation and Policy

Excellence in Research for Australia

- Statutory Agency established 2001
- Mission: to deliver policy and programs that advance Australian research and innovation globally and benefit the community
- Fund direct costs to Universities and partners
- All disciplines except clinical medicine and dentistry
National Competitive Grants Program

Discovery Projects

Future Fellowships

DECRA

Linkage Projects

Centres of Excellence

Co-Funded & SRI

LIEF

ITRP

Other Fellowships

Area of box represents $$ awarded over the period 2008-2013. N.b. ITRP & DECRA running for less than five years.
## Budget 2014–15: ARC

### New measures

<table>
<thead>
<tr>
<th>Future Fellowships</th>
<th>ongoing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support for Dementia</td>
<td>$26 million</td>
</tr>
<tr>
<td>Tropical Health and Medicine</td>
<td>$42 million</td>
</tr>
<tr>
<td>ARC Antarctic Gateway</td>
<td>$24 million</td>
</tr>
<tr>
<td>MYEFO Juvenile Diabetes</td>
<td>$35 million</td>
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Average Awarded Grant Size - DP11 to DP13 - By 2 digit FOR showing awarded amount as a proportion of requested amount
NCGP Proposal Lifecycle
Success rates and patterns
Success Rate: Comparison of Schemes

Success Rate in commencement year 2013

- Linkage - Infrastructure Equipment...
- Linkage - Projects: 39%
- Discovery Indigenous
- Industrial Transformation Training...
- Discovery - Projects
- ARC Future Fellowships
- Discovery Early Career Researcher...
- Australian Laureate Fellowships
Discovery projects: Size of scheme and success rates

*Discovery Projects 2008-2014: Success and Return Rates*
Total ARC funding by major scheme and selected HCA disciplines (20012-14)
Academic workforce issues
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
Success rate (%) of HCA/SBE CIs in Discovery by career age (yrs post PhD) 2002-14

(Note - fellow applicants have been included as funded on all funded projects)
Participation and success of CIs in DP13 and DP14 by gender and career age.
Success rate (%) of HCA/SBE CIs in Discovery, by title and type of university (2002-14)

(Note - fellow applicants have been included as funded on all funded projects)
Cross-disciplinary collaboration
Percentage totals of non-primary FoR codes in projects (2010/11 to 2014) all schemes
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
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 CULTURAL STUDIES
21 HISTORY AND ARCHAEOLOGY
22 PHILOSOPHY AND RELIGIOUS STUDIES

Source data:
http://www.arc.gov.au/general/searchable_data.htm
FOR
Network mapping..
[Fruchterman reingold]
HASS - ZOOM

01 MATHEMATICAL
02 PHYSICAL
03 CHEMICAL
04 EARTH SCIENCE
05 ENVIRONMENTAL
06 BIOLOGICAL
07 AGRICULTURAL
08 INFORMATICAL
09 ENGINEERING
10 TECHNOLOGICAL
11 MEDICAL
12 BUILT ENVIRONMENTAL
13 EDUCATIONAL
14 ECONOMICAL
15 COMMERCIAL
16 STUDIES IN HUMANITIES
17 PSYCHOLOGICAL
18 LAW AND CRIMINOLOGICAL
19 STUDIES IN SOCIAL SCIENCE
20 LANGUAGE STUDIES
21 HISTORY
22 PHILOSOPHY
Linkages and partnerships
Mapping Engagement:

Linkage Projects vs. Discovery Projects

- QLD
- NSW
- VIC
- ACT
- TAS
- SA
- NT
- WA

Linkage: $112m, $50m, $12m
Discovery: avg. p.a. $LP + $DP
Engagement by Cohort
Strength in Linkage and Discovery Schemes

Group of Eight

Non-Aligned

Innovative Research Universities

Regional Universities Network

Australian Technology Network

Discovery

Linkage
Case study in Linkage: GLAM
GLAM organisations on ARC-funded projects, 2008 to 2014

Count of unique organisations
Number of projects (all schemes) involving GLAM, by primary FoR code (2008 to 2014)

- HISTORICAL STUDIES
- EVOLUTIONARY BIOLOGY
- ARCHAEOLOGY
- ECOLOGY
- ENVIRONMENTAL SCIENCE AND MANAGEMENT
- GENETICS
- GEOLOGY
- FILM, TELEVISION AND DIGITAL MEDIA
- CURATORIAL AND RELATED STUDIES
- PERFORMING ARTS AND CREATIVE WRITING
- PLANT BIOLOGY
- ART THEORY AND CRITICISM
- ECOLOGICAL APPLICATIONS
- GEOCHEMISTRY
- COMMUNICATION AND MEDIA STUDIES
- NANOTECHNOLOGY
- PHYSICAL CHEMISTRY (INCL. STRUCTURAL)
- OTHER BIOLOGICAL SCIENCES
- ANTHROPOLOGY
- ATMOSPHERIC SCIENCES
- ARCHITECTURE
- HUMAN GEOGRAPHY
- RESOURCES ENGINEERING AND EXTRACTIVE...
- HISTORY AND PHILOSOPHY OF SPECIFIC FIELDS
- CULTURAL STUDIES
- LITERARY STUDIES
- LAW
Collaboration between universities (green) and GLAM organisations (blue) by location
GLAM is involved in LP mainly, followed by DP and LIEF
Discussion/questions