Research Sector Changes and Challenges

- Programs
- ERA
- Open Access
- Health & medical research
- Evaluating Impact
- Defence Trade Control Bill
- Budgets & Politics
The Australian Research Council

- Advice to Government according to the ARC Act & ARC Strategic Plan
- National Competitive Grants Program (NCGP)
- Excellence in Research Australia (ERA)
Government Investment in R&D 2011-12

- Business & Innovation: 24%
- Universities: 21%
- ARC: 9%
- NHMRC: 8%
- CRCs: 2%
- Other Health: 6%
- Rural: 5%
- Energy and the Environment: 5%
- Other Science: 4%
- CSIRO: 8%
- Other Government: 11%
The ARC

- 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
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What are the Programs?

**Discovery**
- Australian Laureate Fellowships
- Discovery Early Career Researcher Award (DECRA)
- Discovery Indigenous
- Discovery Projects (includes DORAs)
- Future Fellowships

**Centres**
- ARC Centres of Excellence
- Co-funded Centres

**Special Research Initiatives**
- e.g. Science of Learning

**Linkage**
- Linkage Infrastructure, Equipment and Facilities (LIEF)
- Linkage Learned Academies Special Projects
- Linkage Projects
- Industrial Transformation Research Program
National Competitive Grants Program

Making applications easier

– Success rates vs grant size
– Panels
– DECRAs in SS
– DORAs
ERA 2010 National Report
# ERA 2010 – at a glance

<table>
<thead>
<tr>
<th>Field of Research</th>
<th>FTE</th>
<th>% rated a.w.s.</th>
<th>Avg. rating</th>
<th>Research Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>01- Mathematical Sciences</td>
<td>880</td>
<td>86%</td>
<td>3.4</td>
<td>$104,624,740</td>
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<tr>
<td>02- Physical Sciences</td>
<td>965</td>
<td>86%</td>
<td>3.8</td>
<td>$203,346,670</td>
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<td>05- Environmental Sciences</td>
<td>665</td>
<td>83%</td>
<td>3.6</td>
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<tr>
<td>06- Biological Sciences</td>
<td>3,313</td>
<td>82%</td>
<td>3.5</td>
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<tr>
<td>21- History and Archaeology</td>
<td>703</td>
<td>77%</td>
<td>3.2</td>
<td>$67,296,782</td>
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</tbody>
</table>
ERA 2012 National Report
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Promoting Outcomes

- ARC wants to work with universities to celebrate the research outcomes attained by its grant recipients
- Reinforce to Parliament that investment in research is vital
- Feeding research outcomes into dialogue on Government policy is a challenge and an opportunity
Australian Council of Deans of Science
22 October 2012

Professor Aidan Byrne
CEO, Australian Research Council