Peppers Salt Resort, Kingscliff NSW
12 May 2011

Queensland University of Technology

One size doesn’t fit all:
Institutional Strategy in the Evolving Research Environment

Professor Margaret Sheil
CEO, Australian Research Council
ARC approach = one size does NOT fit all

- ERA
- Grants
- Peer Review
ERA Process Overview

<table>
<thead>
<tr>
<th>Volume &amp; Activity</th>
<th>Ranked Outlets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citation Analysis</td>
<td>Esteem</td>
</tr>
<tr>
<td>Research Income</td>
<td>Applied Measures</td>
</tr>
</tbody>
</table>

Peer Review

International Benchmarks

Research Evaluation Committees
Background Statement

- Volume and Activity
- Ranked Outlets
- Peer Review
- Citation Analysis
- Esteem Measures
- Research Income
- Applied Measures
Why a matrix approach to indicators?

• Not all indicators are suitable for all disciplines

• Pick and choose what is right for each discipline

• The indicator suite must ensure comparable quality across a range of indicator types

• Journal Rankings are not THE indicator
Research Outputs by Discipline Cluster
Where is the best place to publish?

Where your research will receive the most appropriate exposure!

<table>
<thead>
<tr>
<th>Discipline</th>
<th>FoR</th>
<th>A*</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunology</td>
<td>1107</td>
<td>7%</td>
<td>14%</td>
<td>24%</td>
<td>55%</td>
</tr>
<tr>
<td>Plant Biology</td>
<td>0607</td>
<td>3%</td>
<td>8%</td>
<td>14%</td>
<td>74%</td>
</tr>
<tr>
<td>Ecology</td>
<td>0602</td>
<td>9%</td>
<td>18%</td>
<td>36%</td>
<td>37%</td>
</tr>
<tr>
<td>Zoology</td>
<td>0608</td>
<td>1%</td>
<td>7%</td>
<td>18%</td>
<td>73%</td>
</tr>
<tr>
<td>Historical Studies</td>
<td>2103</td>
<td>6%</td>
<td>22%</td>
<td>32%</td>
<td>38%</td>
</tr>
<tr>
<td>Electrical and Electronic Engineering</td>
<td>0906</td>
<td>6%</td>
<td>16%</td>
<td>28%</td>
<td>49%</td>
</tr>
<tr>
<td>Macromolecular and Materials Chemistry</td>
<td>0303</td>
<td>14%</td>
<td>19%</td>
<td>31%</td>
<td>36%</td>
</tr>
</tbody>
</table>
ERA 2010 Rating by Cluster - at, above, or well above world standard (i.e. 3s, 4s, & 5s)

- Public and Allied Health Sciences
- Mathematical, Information and Computing Sciences
- Biomedical and Clinical Research
- Engineering and Environmental Sciences
- Biotechnology and Biological Sciences
- Physical Chemical and Earth Sciences
- Social, Behavioural and Economic Sciences
- Humanities and Creative Arts

Legend:
- 3&4
- 5
ARC Grant Schemes:

- Researchers in industry
- Teaching and research
- Women
- Indigenous
- Research-only
Australian Laureate Fellowships
- 2x PhD
- 2x Post-Doc
- 17 5-year awards

Discovery Early Career Researcher Award (DECRA)
- $125,000
- 200 p.a. 3-year awards

Researchers in Industry Training Awards
- $30,000
- 100 3-year awards (bi-annual)

Future Fellowships
- Up to $143,000
- 200 p.a. 4-year fellowships

Web: arc.gov.au | Email: info@arc.gov.au
What grant program can you use?

• What are the aims of the various grant programs?

• There is no point in applying for funding if your research is not consistent with the aims.

• Think of the scale of $$, the level of competition, the time to apply and the time for funds to arrive.
Remember: one size does NOT fit all

Follow the research, not the ranking

Exercise care in guiding younger researchers in grant applications

There are many different paths to success