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>
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</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
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>
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</thead>
<tbody>
<tr>
<td>Immunology</td>
<td>1107</td>
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<td>14%</td>
<td>24%</td>
<td>55%</td>
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<tr>
<td>Plant Biology</td>
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<td>8%</td>
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<tr>
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<td>9%</td>
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<td>37%</td>
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<tr>
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<tr>
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<td>6%</td>
<td>22%</td>
<td>32%</td>
<td>38%</td>
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<tr>
<td>Electrical and Electronic Engineering</td>
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<td>6%</td>
<td>16%</td>
<td>28%</td>
<td>49%</td>
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<tr>
<td>Macromolecular and Materials Chemistry</td>
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<td>14%</td>
<td>19%</td>
<td>31%</td>
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</tbody>
</table>
ERA 2010 Ratings by Cluster

- 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
- Humanities and Creative Arts
- Social, Behavioural and Economic Sciences

- 1&2
- 3&4
- 5
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
- Research-only
- Indigenous
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
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