Australian Research Council

LINKAGE PROJECTS

HEALTH SCIENCES – 5 September 2018

Jane Graham – Industry Program Coordinator
My role is to assist researchers across the University of Newcastle with the development and submission of competitive proposal for the Linkage Projects scheme.

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SUMMARY

• Linkage Projects – The Scheme
• Linkage Projects outcomes
• Partner Organisations
• Proposal Development
• ARC Medical Research Policy
• ARC Grants Search
• How I Can Support You
LINKAGE PROJECTS

• The Linkage Projects scheme funds collaborative research partnerships between universities and business, industry, government and other end users.

• Research and development is undertaken to apply advanced knowledge to problems, acquire new knowledge and as a basis for securing commercial and other benefits of research.
### National Submission and Success Rates

#### Year of Award

<table>
<thead>
<tr>
<th>Year</th>
<th>National Applications Submitted and Assessed* No.</th>
<th>National Awarded No.</th>
<th>National Success Rate %</th>
<th>National Return Rate %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>785</td>
<td>306</td>
<td>39%</td>
<td>25%</td>
</tr>
<tr>
<td>2014</td>
<td>699</td>
<td>251</td>
<td>36%</td>
<td>23%</td>
</tr>
<tr>
<td>2015</td>
<td>710</td>
<td>252</td>
<td>35%</td>
<td>22%</td>
</tr>
<tr>
<td>2016 R1</td>
<td>742</td>
<td>231</td>
<td>31%</td>
<td>19%</td>
</tr>
<tr>
<td>2016 R2</td>
<td>417</td>
<td>89</td>
<td>21%</td>
<td>13%</td>
</tr>
<tr>
<td>2017</td>
<td>417</td>
<td>132</td>
<td>31%</td>
<td>15%</td>
</tr>
</tbody>
</table>

* Data represents figures for the years 2013 to 2017, with columns for national applications submitted and assessed, number awarded, success rate, and return rate.
UON Submission and Success Rates

<table>
<thead>
<tr>
<th>Year of Award</th>
<th>UON Applications Submitted and Assessed No.</th>
<th>UON Grants Awarded No.</th>
<th>UON Success Rate %</th>
<th>National Success Rate %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>15</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>12</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>10</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016 R1</td>
<td>22</td>
<td>8</td>
<td>23%</td>
<td></td>
</tr>
<tr>
<td>2016 R2</td>
<td>2</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>7</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The success rate for 2016 R1 is 23%, and for 2016 R2 is 0%.
PARTNER BENEFITS

• Leverage up to four times your cash contribution in Australian Government funds
• Develop links with one of Australia’s leading research universities through direct collaboration
• Opportunities to recruit our outstanding research scholars
• Potential access to research and development tax concessions
• The ARC will award grants in the range from $50,000 - $300,000 per year for two to five years
• The ARC Linkage Projects scheme is open for continuous submission and assessment.

Who can be a partner

• private sector organisations, both industry and not-for-profit
• most state, territory and Commonwealth government departments and organisations.
PARTNER REQUIREMENTS

• total cash plus in-kind contributions equal to requested ARC funds

• total minimum cash contribution of 25% of requested ARC funds
  • applications may be exempt from this cash requirement if all partner organisations are, for example:
  • start-ups; small businesses with less than 20 employees; not-for-profit (other categories apply).

• a letter of support to be provided with the proposal to the ARC

• a written research agreement with the University that outlines roles, contributions and intellectual property arrangements

• active participation in the project
PROPOSAL DEVELOPMENT

• what are the challenges / opportunities you are addressing
• who will be doing the work
• how will each participant be involved
• what contributions the parties will make: cash and in-kind
• what the specific outputs are and when they are expected to be delivered
• intellectual property expectations (ownership and use)
• Be clear what each party will, will not, or cannot, compromise upon
• Prepare a ‘final’ budget allowing plenty of time for any internal approvals in the university and the partner organisation.
• Share the application form—ensure all parties are clear on what is being proposed and expected.
PARTNER SUPPORT LETTER

THESE ALWAYS TAKE LONGER THAN PLANNED!

• Provide draft to partners early
• Advise of planned submission and deadline
• Confirm delegate
ARC MEDICAL RESEARCH POLICY

• “the ARC does not normally fund health and medical research through its competitive funding schemes”
• “There are research activities that potentially intersect with both ARC and NHMRC responsibilities.”
• “The ARC remains committed to ensuring that there is no eligibility ‘gap’ between the two agencies (in terms of disciplines or fields of research).”
• Definition of Medical Research can be found on the ARC website and within the relevant scheme Funding Rules.
• The ARC does not consider ‘hypotheticals’ or provide pre-eligibility rulings.
• The ARC does provide examples.
• Please see ARC Medical Research Policy

Credit Dr Fiona Cameron ARC May 2017
MEDICAL DEFINITIONS

‘Human health conditions’ - Pertaining to diseases (as defined above), syndromes, pathological conditions, injuries, signs, symptoms, problems and/or conditions that generally lead to contact with, or utilisation of, health services.

Intervention/al - Includes interventions designed to understand and/or change human health conditions, such as:

- clinical or pre-clinical trials in human participants;
- the collection and/or use of body organs, tissues or fluids e.g. skin, blood, urine, saliva, hair, bones, tumour and other biopsy specimens or exhaled breath;
- behavioural interventions; or
- dietary interventions.’
RESEARCH ELIGIBLE FOR ARC SUPPORT

a. research in bioengineering, where the goal is to advance engineering knowledge by applying engineering principles to problems that may ultimately have medical applications; or,

b. research in the natural sciences, where the goal is the fundamental understanding of biological processes or the development of knowledge and/or technology platforms, that may ultimately have medical applications; or,

c. research (including observational research) where the goal is the understanding of normal human life stages (e.g. infancy, childhood, adolescence and ageing) and/or traits using human participants or populations, unless it involves a health intervention; or,

d. the use or development of equipment, facilities, tools, games, devices, smart phone applications or other items to support eligible research as listed above
RESEARCH INELIGIBLE FOR ARC SUPPORT

a. research with human health and/or medical goals, including research on the understanding, aetiology, diagnosis, monitoring, management or treatment of physical or mental disease or other health conditions in humans; or,

b. research involving the use or development of animal models of human health conditions, or the use of animals for the development or testing of therapeutic goods (including devices) or procedures, for the purpose of better understanding human health or developing treatments for human health conditions; or,

c. interventional research in humans, particularly clinical or pre-clinical trials of therapeutic goods (including devices), or research aiming to modify the health of the human participants; or,

d. the use or development of equipment, facilities, tools, games, devices, smart phone applications or other items to understand, diagnose, monitor, manage or treat human health conditions.
HEALTH SCIENCES OUTCOMES


- 2017 Results for Field of Research 11 – Medical and Health Sciences
  - 6 of 132 proposals approved were FoR 11
  - $4.1M of total $103.9M of Partner Organisation contributions were FoR 11
- 1106 Human Movement and Sports Science
- 1111 Nutrition and Dietetics
- 1117 Public Health and Health Services
Search for information on ARC-funded research projects awarded since 2001.

LEARN MORE
Successful Linkage Projects in Health Sciences

ARC Grants Search (on the ARC website) enables search of all previously funded projects by scheme, University, year, and/or FOR Codes.

1106 – Human Movement and Sports Science: 2016-2017

<table>
<thead>
<tr>
<th>Investigator</th>
<th>Project Id</th>
<th>University</th>
<th>Project Summary</th>
<th>($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adam Bryant</td>
<td>LP170100569</td>
<td>The University of Melbourne</td>
<td>Athletic footwear for reducing knee loads in girls and women.</td>
<td>202,000</td>
</tr>
<tr>
<td>Luke Kelly</td>
<td>LP160101316</td>
<td>The University of Queensland</td>
<td>Optimising the spring in your step to enhance footwear design.</td>
<td>220,000</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Investigator</th>
<th>Project Id</th>
<th>University</th>
<th>Project Summary</th>
<th>($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Margaret Allman-Farinelli</td>
<td>LP150100831</td>
<td>The University of Sydney</td>
<td>Quantifying intake of food prepared outside home during emerging adulthood.</td>
<td>202,044</td>
</tr>
<tr>
<td>Bridget Kelly</td>
<td>LP140100120</td>
<td>University of Wollongong</td>
<td>A logic model to link unhealthy food promotion to childhood obesity.</td>
<td>192,035</td>
</tr>
</tbody>
</table>
# Successful Linkage Projects in Health Sciences

## 1117 – Public Health and Health Services: 2017

<table>
<thead>
<tr>
<th>Investigator</th>
<th>Project Id</th>
<th>University</th>
<th>Project Summary</th>
<th>($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angela Nickerson</td>
<td>LP170100852</td>
<td>The University of New South Wales</td>
<td>Understanding pathways to adaptive settlement for displaced refugees.</td>
<td>739,083</td>
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<tr>
<td>Julie Ratcliffe</td>
<td>LP170100664</td>
<td>University of South Australia</td>
<td>A new quality of life instrument with older people for economic evaluation.</td>
<td>406,665</td>
</tr>
<tr>
<td>Lynn Meuleners</td>
<td>LP160101446</td>
<td>Curtin University of Technology</td>
<td>Driving performance and self-regulation practices in drivers with dementia.</td>
<td>195,645</td>
</tr>
<tr>
<td>Joanne Bryant</td>
<td>LP170100190</td>
<td>The University of New South Wales</td>
<td>Fostering Aboriginal sexual well-being by building on strengths.</td>
<td>211,408</td>
</tr>
<tr>
<td>Alexander Broom</td>
<td>LP170100300</td>
<td>The University of New South Wales</td>
<td>Navigating an uncertain antimicrobial future: a sociological study.</td>
<td>318,473</td>
</tr>
</tbody>
</table>
SUPPORT FOR LINKAGE PROJECTS

• Please start RMS applications early to enable the best support including:
  – Funding Rules interpretation
  – Explanation of application and assessment processes
  – Custom templates to assist with development:
    • Proposal Summary template to help consolidate early thoughts and planning and facilitate discussions with partners
    • Budget spreadsheet and assistance
  – Start RMS application early to receive additional information and guidance!
  – Referral to NI/NIER to assist with identifying partners
SUPPORT FOR LINKAGE PROJECTS (2)

- Eligibility and compliance review
- Review of rejoinder
- Support with resubmission of unsuccessful or successive Linkage Projects applications
- Advice on leveraging existing partnerships towards Linkage Projects application(s)

For information on Linkage Projects visit https://www.newcastle.edu.au/research-and-innovation/resources/grants/apply/arc-grants/linkage-projects
MOST IMPORTANTLY

Please contact me if you are planning to develop a Linkage Projects

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