The Industrial Transformation Research Program (ITRP) encourages and supports university-based researchers and industry to work together to find solutions to a range of issues facing Australian industries.

The ITRP offers funding awarded through two schemes:
• Industrial Transformation Research Hubs (ITRH)
• Industrial Transformation Training Centres (ITTC).

These research hubs and training centres foster collaborative research, bringing researchers and industry together to share their skills and expertise to solve problems and develop new products, processes and services that will transform Australian industries.

**Industrial Transformation Research Hubs**
The ITRH scheme provides funding to eligible organisations to engage in cutting-edge research on new technologies and economic, commercial and social transformation, solving challenging industry problems. ITRHs aim to increase research capability.

**Industrial Transformation Training Centres**
The ITTC scheme fosters close partnerships between university-based researchers and other research end-users to provide innovative Higher Degree by Research and postdoctoral training vital to Australia’s future. ITTCs aim to increase research capacity.

Research Hubs and Training Centres must address the Industrial Transformation Priorities which are priority research areas identified by the Australian Government (updated from round to round). The priorities for Hubs and Centres commencing in 2021 are:
• Advanced Manufacturing
• Cyber Security
• Food and Agribusiness
• Oil, Gas and Energy Resources
• Mining Equipment, Technology and Services
• Medical Technologies and Pharmaceuticals.

**The Australian Research Council**
The Australian Research Council (ARC) is a Commonwealth entity within the Australian Government. The ARC’s purpose is to grow knowledge and innovation for the benefit of the Australian community through funding the highest quality research, assessing the quality, engagement and impact of research and providing advice on research matters.

**National Competitive Grants Program**
To fund the highest quality research, the ARC administers the National Competitive Grants Program (NCGP)—a significant component of the Australia Government's investment in research and development.

The NCGP comprises two programs—Discovery and Linkage—under which a range of complementary schemes support the conduct of excellent basic and applied research and research training. Funding under the NCGP is awarded on the basis of a competitive peer review process.

For further information, visit the ARC website (www.arc.gov.au); email NCGP@arc.gov.au; or telephone +61 2 6287 6600.
## Linkage Program—supporting industry-research collaboration

### Industrial Transformation Research Hubs

<table>
<thead>
<tr>
<th>Funding period</th>
<th>Funding level per year</th>
<th>Partner Organisation requirements</th>
<th>Partner Organisation contribution requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three to five years</td>
<td>$500,000 – $1,000,000</td>
<td>Must include at least one Australian Partner Organisation</td>
<td>Combined Partner Organisation(s) cash contribution must be at least 75 per cent of total funding requested from ARC*</td>
</tr>
</tbody>
</table>

*Unless the Partner Organisation(s) has 100 employees or less.

### Industrial Transformation Training Centres

<table>
<thead>
<tr>
<th>Funding period</th>
<th>Funding level per year</th>
<th>Partner Organisation requirements</th>
<th>Partner Organisation contribution requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four to five years</td>
<td>Maximum $1,000,000 per year Minimum of $650,000 applies to the first three years Minimum of $150,000 may be requested in the fourth year. No minimum level of funding provided by the ARC in the fifth year</td>
<td>Must include at least one Australian Partner Organisation</td>
<td>Must demonstrate that the combined Partner Organisation(s) cash and in-kind contributions are sufficient to support all the research projects described in the application and particularly that of the HDRs and postdoctoral researchers in the Training Centre</td>
</tr>
</tbody>
</table>

### Research Highlights

**ARC Research Hub for Digital Enhanced Living**
Researchers at the ARC Research Hub for Digital Enhanced Living, led by Professor Kon Mouzakis at Deakin University, are developing new technologies that will improve the quality of life for Australians who need support to stay in their home for longer, from young adults living with disability, people recovering from brain injury, through to older people in our communities.

**ARC Training Centre for Uniquely Australian Foods**
The ARC Training Centre for Uniquely Australian Foods, led by Associate Professor Yasmina Sultanbawa at The University of Queensland, has collaborated with industry partners to tackle industry challenges, including transforming the native food and agribusiness sector through development of selected crops, foods and ingredients using an Indigenous governance group to oversee the process of converting traditional knowledge into branded products. The project will also investigate provenance and geographical characteristics of uniquely Australian-grown foods.

**ARC Training Centre for Cubesats, Uncrewed Aerial Vehicles, and their Applications**
The ARC Training Centre for Cubesats, Uncrewed Aerial Vehicles, and their Applications, led by Professor Iver Cairns at The University of Sydney, is working with industry to develop a world-class Australian industry in advanced technologies to disrupt the international satellite market. In July 2019, the Training Centre Director Professor Cairns was selected by NASA as an international co-investigator to work on two satellite missions to study the Sun and its effects on space weather.

**ARC Research Hub for Medicinal Agriculture**
The ARC Research Hub for Medicinal Agriculture, led by Professor Tony Bacic at La Trobe University, aims to transform the production of high quality, plant derived therapeutics into an integrated, Australia-wide industry that spans primary producers and manufacturers. Combining agricultural and biomedical research capabilities with industry partner expertise, the Hub will drive better health outcomes through leading innovation in medicinal agriculture and build the specialised workforce needed to underpin Australia's developing medicinal agriculture industry.