

HDR Industry Engagement: Scholarships and more



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Australian Universities Accord – recommendations

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Upskill Industry staff to PhD level

“Firms, peak bodies and government to establish a target for the number of PhD candidates employed in industry undertaking a PhD relevant to their firm.”

Facilitate pathways for graduates to careers

“A National Research Workforce Development Strategy should be developed to facilitate pathways for HDRs into and out of higher education institutions via:

- innovations to current PhD programs
- greater knowledge flows between sectors
- reduced persistent cultural barriers between academia and industry
- Embracing interwoven trajectory of flow back and forth between university and industry.”



Future of the Doctorate – beyond the PhD

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A program that outputs specialist and externally engaged researchers

With skills and experience of today

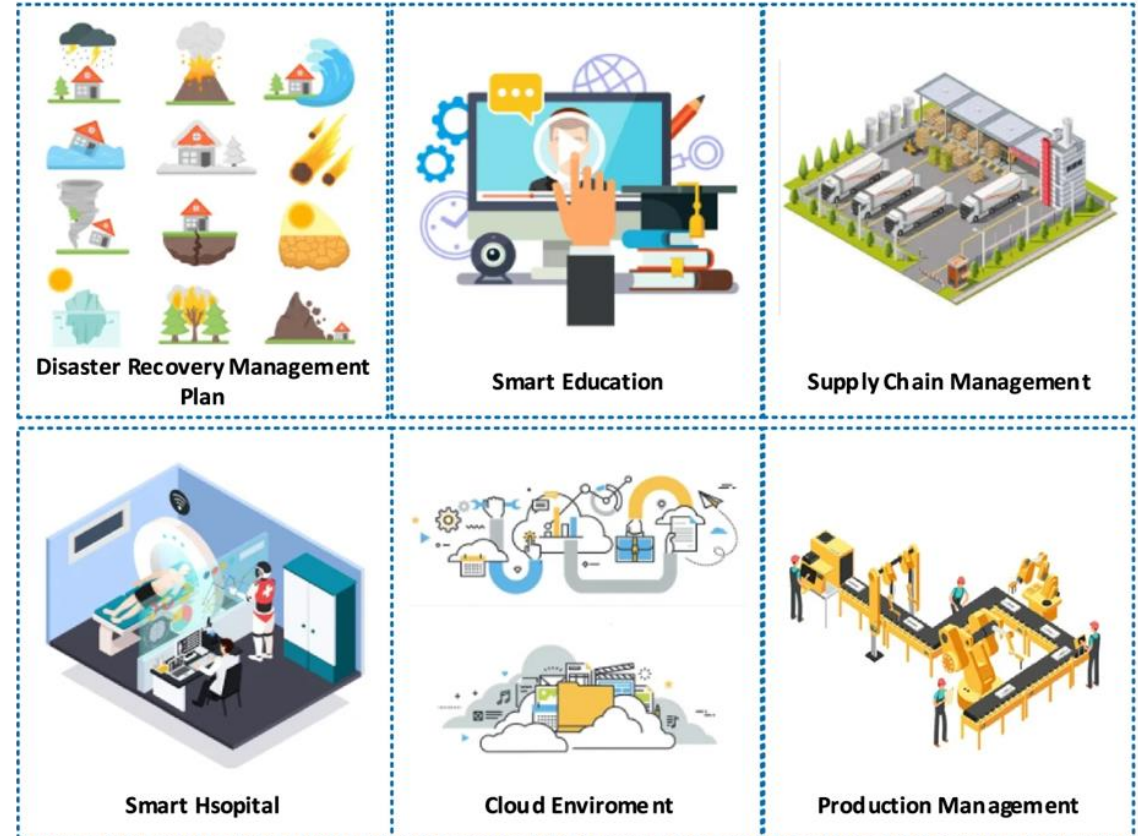
10 Transferable Ph.D. Skills You Can Use in Most Jobs



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Adel, A. Future of industry 5.0 in society: human-centric solutions, challenges and prospective research areas. *J Cloud Comp* **11**, 40 (2022). <https://doi.org/10.1186/s13677-022-00314-5>

Australian HDR employment - predictions

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The reality – of where they end up and where the higher skills will be needed

Figure 3.12 Share of postgraduate employment by industry, 2007, 2022 and 2052

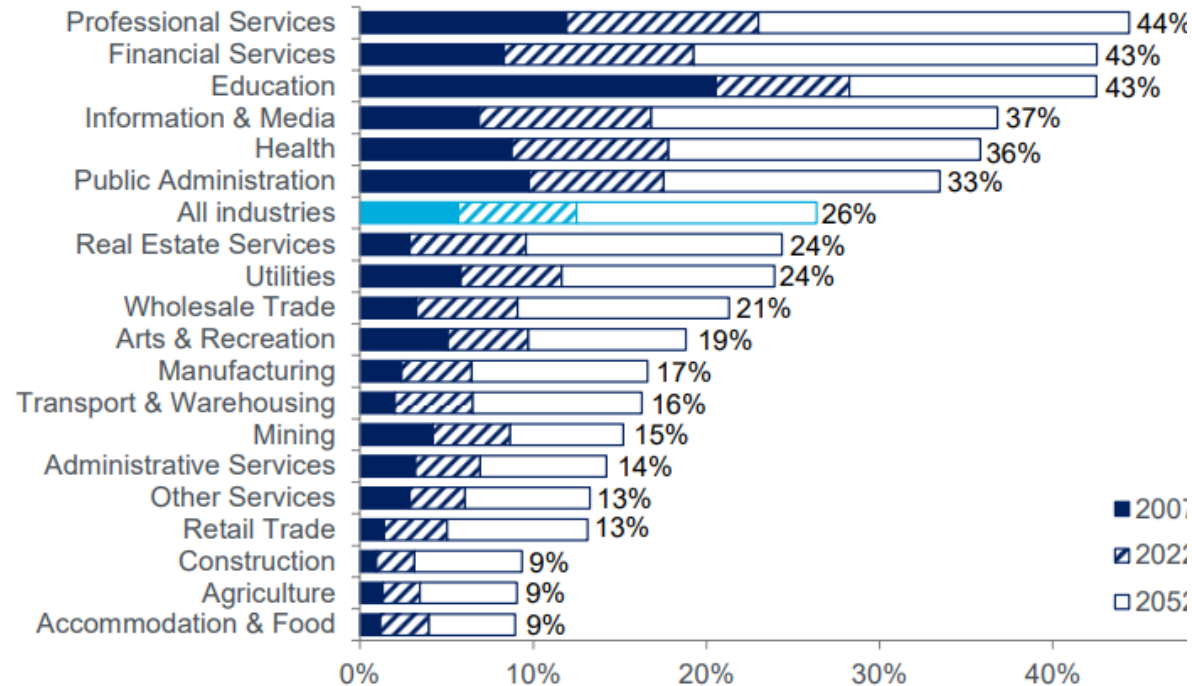
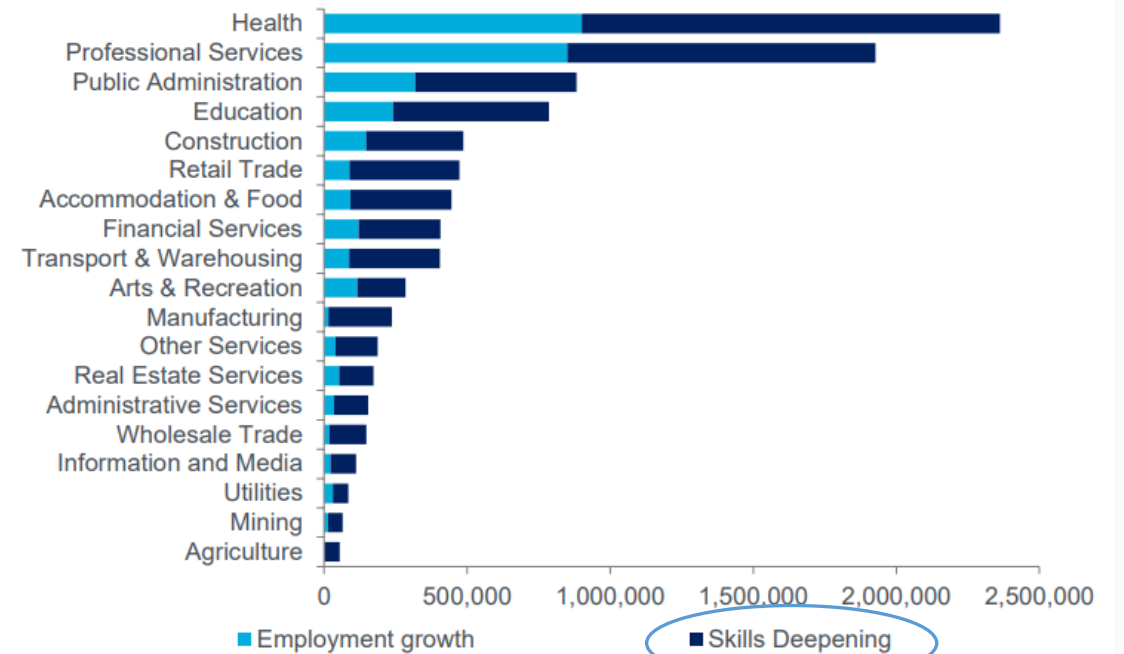


Figure 3.16 Labour market demand for additional qualifications by employment growth and skills deepening, 2022 to 2052



Source: Oxford Economics Australia

What our candidates are telling us

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Overall experience

Including highest and lowest scoring questions for each area.

"Overall, how satisfied are you with the quality of your higher degree by research experience?"



Total responses
588 31.4% of cohort



80.5%
Overall experience
2023



Resources, Facilities and Support



I have access to suitable writing work space (i.e. desk).



I am satisfied with the opportunities provided to me to develop professional connection.



Supervision



My supervisor demonstrates respect for me as a person.



My supervisor(s) help me identify my training and development needs as a researcher



Skills development



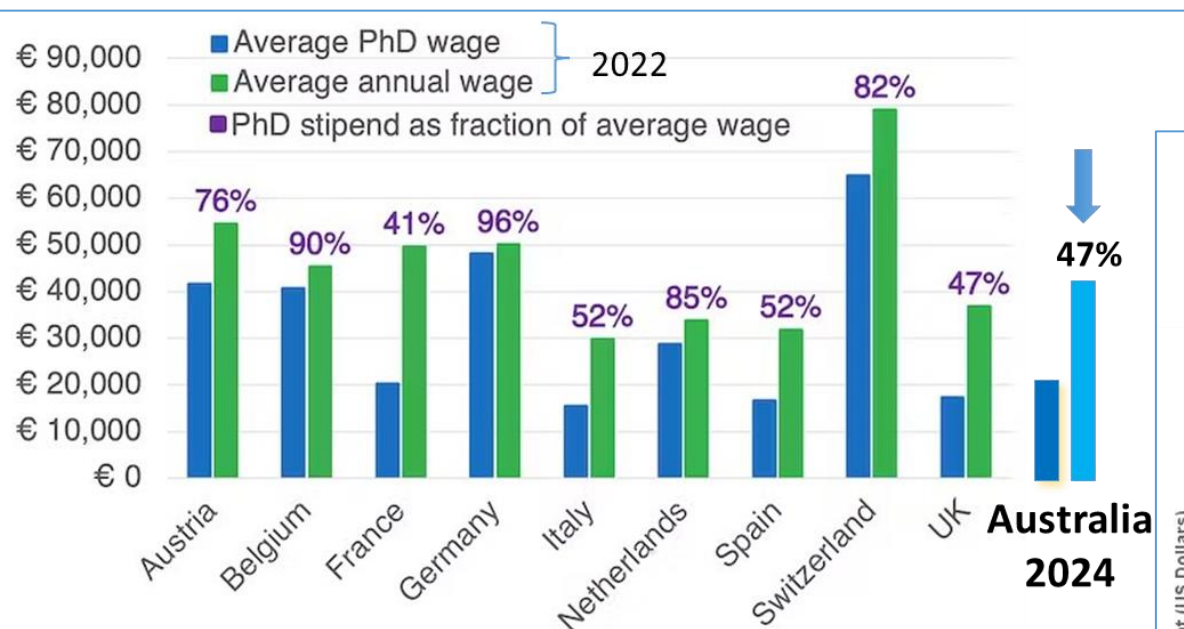
I am aware of the skills that I am developing through my research that can be applied outside of academia.



There is enough information available about employment opportunities outside of academia

Meanwhile PhD stipends vs cost of living

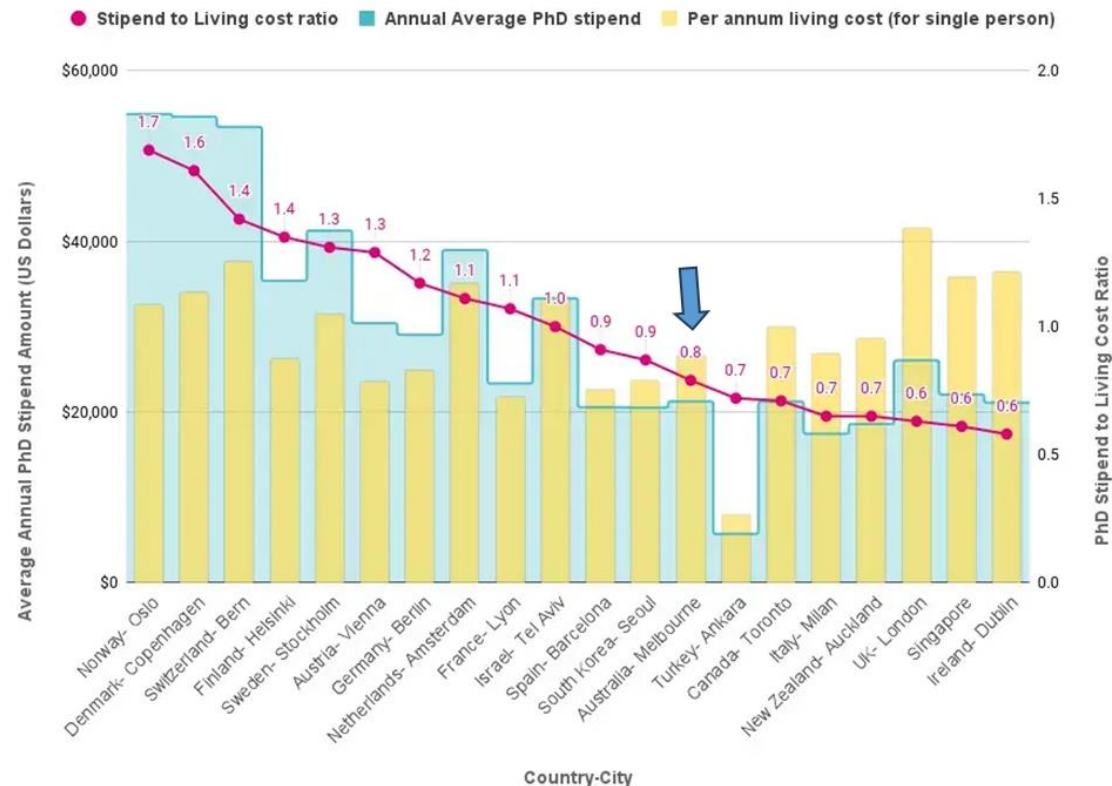
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Australia is on par with UK but we are not so competitive in the 'international marketplace'

Online stipend shopping!

IsPhDForMe.com Which country pays PhD students the best?
Published Nov 27, 2022 (Mohsin Ijaz)

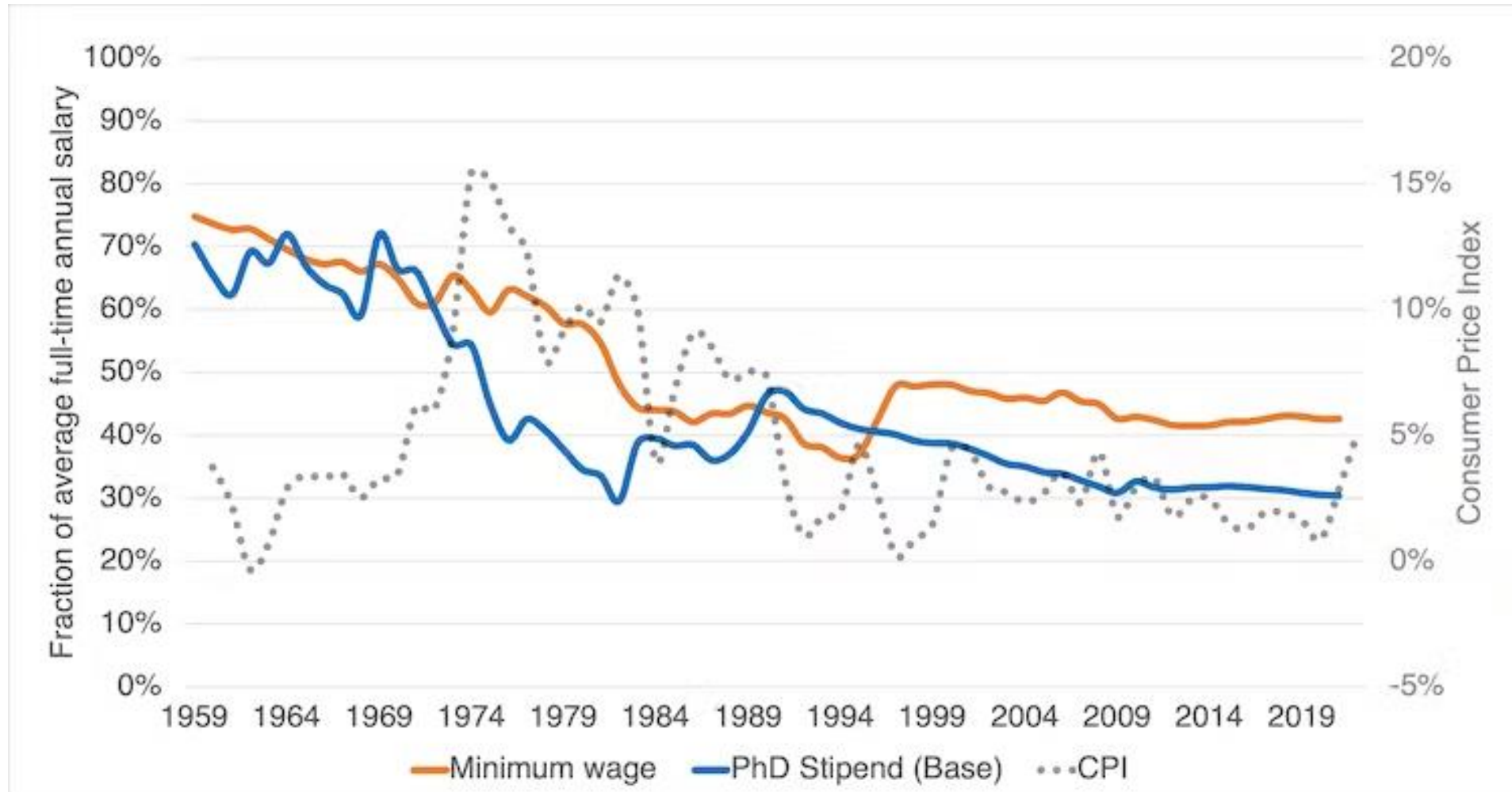


Affordability of studying a PhD in Australia

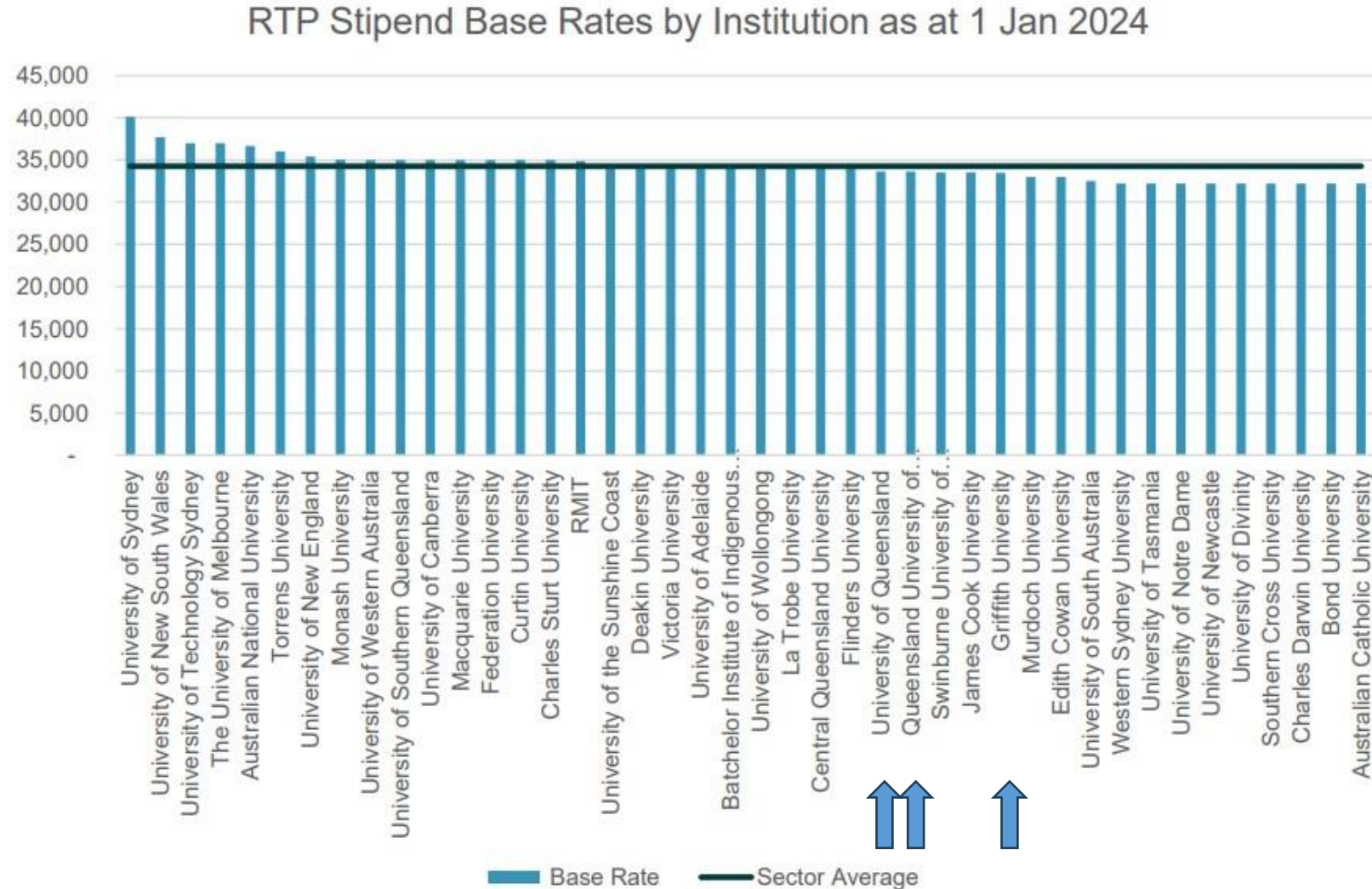
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How are PhD candidates meant to survive on 2/3rds of the minimum wage? (47% of the mean after-tax salary)

The Conversation: published: June 20, 2022 (Nathan Garland, Griffith University)

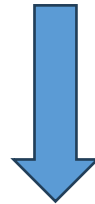


HDR Stipends – Sector Comparison



Average = \$34,240

Griffith = \$33,480 now



Griffith revised model
= > \$50,000

Increasing HDR satisfaction and affordability at Griffith through industry engagement

- Collaboratively partner and co-design research projects for HDR candidates with 'Industry'
- Seek full scholarships, stipends, internship salaries and project support from 'Industry'
- Drive partnerships that fulfill the weighted RTP return requirements to leverage greater ROI
- Attract domestic HDR candidates through competitive scholarship amounts including co-funding for salary equivalence for those coming from industry
- Enable non-traditional entry via AQF8 equivalencies



Actions and targets

Increase RTP countable industry embedded HDR students/scholarships

- Align 'ring-fenced' scholarships with grants and Industry partnerships
- Increase National Industry PhD (6), CSIRO iPhD (3) and other external scholarships
- Set targets for 2024
 - > \$540K in external derived HDR scholarship income – currently at \$4.4m contracted
 - 6% of PhD candidates undertake an RTP countable activity during candidature – currently at 5.4%
 - 10% of HDR candidates have an External University Engaged (EUE) supervisor – currently at 9.4%

Generate the knowledge and tools to underpin this

HDR Industry Engagements and Partnerships website

<https://intranet.secure.griffith.edu.au/research/griffith-graduate-research-school/hdr-industry-engagement-and-partnerships>



HDR industry engagement and partnerships

Supporting collaboration

Griffith University encourages and supports academics and candidates to collaborate with industry partners to strengthen our relationships in the pursuit of furthering our research translation and impact. Griffith is committed to enhancing HDR-industry engagement to support and encourage our HDR candidates to contribute to global innovation, find cutting-edge practical solutions to problems, and generate new knowledge.

Scholarship candidate-led steps



Step 1

Candidate secures supervisor and industry partner.



Step 2

Candidate works with supervisor and industry partner to develop research proposal and seek industry funding.



Step 3

Supervisor applies for scholarship co-funding to support the arrangement (via [Industry Scholarship Agreement Request Form](#)).



Step 4

Candidate applies for admission and scholarship.

Scholarship supervisor-led steps



Step 1

Supervisor secures an industry partner.



Step 2

Supervisor works with industry partner to develop research project and seek industry funding.



Step 3

Supervisor applies for scholarship co-funding to support the arrangement (via [Industry Scholarship Agreement Request Form](#)).



Step 4

Supervisor (and industry) selects preferred candidate through an advertised Eol process.



Step 5

Candidate applies for admission and scholarship.

Thank you



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Make it matter