

PhD CAREER SNAPSHOT - Pathways

Study Opportunities

Considering studying a PhD at JCU? Then check out: [PhD - Research and Teaching - JCU Australia](#)

Graduate opportunities

The knowledge and service economies have driven huge growth in research job opportunities in recent years. There is a significant demand within the private and public sectors for people with deep knowledge, strong research and analytical skills and innovative capabilities.

As academic research careers are competitive, PhD candidates are encouraged to explore opportunities within and beyond academia to optimise their career outcomes. Many PhD graduates have utilised the knowledge, skills and capacities developed during their doctoral studies to create successful careers as high-level knowledge workers in higher education administration, government, non-government organisations, not for profits and private industry.

The goal of this resource is to provide links to information specific to PhD candidates to help you develop your career management skills and identify pathways to a satisfying and rewarding career.

Reviewing [LinkedIn](#), [Google Scholar](#), [ORCID](#) and [JCU Research Portfolio](#) profiles will provide you with further ideas, inspiration and networks.

[JCU Careers and Employability](#) provides career support to JCU undergraduate and postgraduate students. Please visit all sections of our website to identify the resources and services we provide.

Career Information and Planning

[Vitae Realizing the Potential of Researchers](#) – a not for profit UK site providing professional and career development support to researchers, including information on career management and career destinations of doctorate holders. Resources include:

- Career management
- Pursuing academic careers
- Researcher career stories
- What do researchers do next?
- Careers for researchers outside higher education

[My IDP Science Careers Individual Development Plan](#)

- a free US web-based career planning tool tailored to support PhD students and postdocs in the sciences. The site provides:

- Exercises to help you examine your skills, interests, and values
- A list of 20 scientific career paths with a prediction of which ones best fit your skills and interests
- A tool for setting goals
- Articles and resources to guide you through the process

[The Cheeky Scientist](#) - industry training platform for PhDs. There are charges for services however it also provides a wealth of free information and free eBooks including:

- Top 10 List of Alternative Careers for PhD Science graduates
- Complete LinkedIn Guide for PhDs,
- Top 20 Industry Positions for PhDs,
- 20 Transferable Skills for PhDs
- 40 Networking Scripts for PhDs

[Advancing Australia's Knowledge Economy - Who are the top PhD employers?](#) A 2019 report by AMSI and CSIRO

[From PhD to life](#) -helps graduate students and PhDs achieve their career and life goals, especially meaningful-to-them careers. It includes interviews with people who have made the transition into fulfilling career outside academia.

[80,000 hours](#) In a life of average length, we spend 80,000 hours at work. We can deliberately plan to use this time to have a high impact career.

[Jobs On Toast](#) Chris Humphrey, a PhD in medieval studies, offers "positive & practical support and resources for PhD careers outside academia."

[Science Meets Business](#) – covers research and opportunities between science and engineering, technology and industry.



Networking and Marketing

[Research Gate](#) - Share your research and publications, connect and collaborate with colleagues and gain support to advance your career.

[Author Hub](#) - Cambridge University resource to assist in interacting with the academic community, raising your profile and profiling your work. Includes:

- A guide to using Twitter
- A guide to improving your search engine rankings
- A guide to blogging
- Social media tips for authors

[Navigating the path to industry: a hiring manager's advice for academics looking for a job in industry](#) - aimed at STEM PhDs

PodCasts

[Careers in Your Ears](#) - a careers podcast for PhD students and research staff at Kings College, London.

[The Resourceful HDR](#) – a podcast for HDR candidates and holders from Macquarie University.

Industry Information

[Australian Government National Skills Commission](#) –skills priority lists, skills shortages and employment projections

[Labour Market Insights](#)- Australian labour market information by region, industry and occupation

Internships and Grants

[Australian Postgraduate Research \(APR\) Intern](#) is an Australian PhD or Masters by Research internship program spanning all sectors and disciplines, with the aim of strengthening industry-university collaboration and preparing students to be industry-literate and career ready. empowering students to thrive in a practical research environment.

[Launch U Trade Accelerator](#) an online 2-week virtual real life international trade research project for a Queensland based business. Students are guided to develop and apply trade insight and consulting skills focusing on a specific international market. The experience may count towards your professional development and looks great on resume.

Industry Mentoring Network in STEM (IMNIS)

IMNIS connects motivated PhD students and postdoctoral fellows in science, technology, engineering and mathematics (STEM) with outstanding high-level industry leaders in a one-year mentoring and professional development program.

MTP Connect

This not-for-profit organisation aims to accelerate growth of the medical technology, biotechnology and pharmaceutical sectors in Australia and advertises industry fellowships and internships on its site.

GrantConnect

The Australian Government's grant information system.

Discovery Early Career Research Award (DECRA)

Australian Research Council funding support for early career researchers in teaching and research and research-only positions.

Resume Templates

- [JCU Higher Degree by Research Resume template](#)
- [JCU Postgraduate Resume template](#)
- [Creating Effective CVs as a Researcher](#)
- [How to Write a Resume](#)

Job Vacancy Sites – PhD Specific

- [Academic Jobs](#) – current academic vacancies at JCU
- [THEunijobs](#) – Times Higher Education global job board (academic and professional)
- [Seek](#) – Academic jobs
- [Campus Review - Campus jobs](#)
- [Research Career](#) – research jobs in Australia and New Zealand
- [The Conversation](#) Job Board
- [Academic Careers](#) – worldwide posts
- [Find a Postdoc](#) - directory of postdoc and PhD jobs worldwide
- [Academic Careers Online](#) - international academic job site
- [Academic Positions](#) - international career network for academics, researchers and scientists
- [HigherEd 360](#) - international jobs in higher education
- [HigherEdJobs](#) - international jobs in higher education
- [PhdJobs](#) - PhD jobs in the USA and worldwide
- [ChronicleVitae](#) - international faculty and research jobs
- [Akadeus](#) - academic, research and managerial jobs in Business Schools and Universities worldwide.

Job Vacancy Sites – General

- [JCU CareerHub](#) - exclusive to JCU students and graduates. Use your JCU username and password to log in.
- [JCU Career Directory](#) and [GradConnection](#) – graduate employers, jobs, internships, graduate programs and industry advice in Australia.
- [LinkedIn Jobs](#) - many professional services organisations recruit PhD holders.
- [Glassdoor](#) - a job website with employee feedback on employers included.
- [Monster](#) - one of the world's largest general jobs listing websites.
- [Rabbit](#) - An Australian job and internship matching platform which connects students with STEM and digital skills to innovative employers.
- [Seek](#)
- [Indeed](#)
- [CareerOne](#)
- [SmartJobs](#) - Queensland Government vacancies
- [Queensland Government Graduate Portal](#)
- [APS Jobs](#) - Australian Government graduate positions

JCU Careers Resources

[Careers and Employability - JCU Australia](#)

Build your employability skills and fine tune your Application Skills

- Resumes
- Application Documents
- Interviews
- LinkedIn



Further Readings

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Hayter, C., & Parker, M. (2019). Factors that influence the transition of university postdocs to non-academic scientific careers: An exploratory study. *Research Policy*, 48(3), 556-570.

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