



# Professional Development

## What's on...

### Upcoming workshops for HDR Candidates

#### Compulsory Workshops

- HDR Induction Day
- Preparing for Confirmation of Candidature
- Introduction to Professional Writing and Editing
- Research Integrity
- Resilient HDR Candidature
- Data Storage and Management
- Plagiarism
- Intellectual Property and Copyright

#### Elective Workshops

- Making your Research Degree Work
- An Introduction to Statistics Using SPSS
- Introduction to Science Communication

## HDR Induction Day & Compulsory Workshops



*All commencing HDR candidates are required to attend the 2018 Induction Day and the intensive week workshops that follow. Induction Day is filled with information, interaction and networking to get your degree off to a great start.*

### **Find out:**

- How to be a successful HDR candidate
- Hear from our HDR Ambassadors: *What I wish I had known when I started my research higher degree*
- How to make use of the variety of Graduate Research School electronic resources
- How to access services offered by the Library, student welfare and the Student Association
- How to make use of the Professional Development courses and workshops available to you throughout your time at JCU

- The process for Higher Degree by Research at JCU
- Health and Safety Training and Induction
- Special session for International Research Students; SKIP (Skills for International Postgraduates)

**When:** Monday 3 September on the Cairns Campus and Monday 10 September on the Townsville Campus

For more information and to register visit the GRS website<sup>1</sup>.

### Preparing for Confirmation of Candidature

*Confirmation of Candidature is the first major milestone of a research higher degree.*

A full-time PhD candidate is required to prepare a robust project proposal, present a seminar on their proposed thesis work and submit a substantive piece(s) of writing related to the project within the first six to twelve months of candidature. A full-time Masters by Research candidate should complete the confirmation process within the first four to eight months of candidature, unless this was a requirement of their Graduate Diploma of Research Methods program.

In this workshop, participants will explore the requirements of the Confirmation of Candidature process and learn how to maximise their chances of successfully completing the process in a timely manner.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

**When:** Tuesday 4 September on the Cairns Campus and Tuesday 11 September on the Townsville Campus

For more information and to register visit the GRS website<sup>2</sup>.

### Introduction to Professional Writing and Editing

*This workshop will provide both practical and conceptual tools for approaching academic writing tasks of various kinds.*

It will provide an overview of the principles and strategies needed for writing effective academic prose, then editing it to a high professional standard. The emphasis will be on writing and editing for a range of academic purposes, particularly research proposals, theses and journal articles. The workshop will establish a foundation of academic writing and editing that the candidate will build upon throughout candidature.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

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<sup>1</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/hdr-induction-day>

<sup>2</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/preparing-for-confirmation-of-candidature>

**When:** Tuesday 4 September on the Cairns Campus and Tuesday 11 September on the Townsville Campus

For more information and to register visit the GRS website<sup>3</sup>.

### Research Integrity

*This workshop will provide challenging ethical scenarios that are pertinent to research candidature, for debate, discussion and reflection.*

In this interactive workshop, participants will be asked to consider the scenarios presented and engage in group discussion on their nature and ways to approach them in real-life research settings.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

**When:** Tuesday 4 September on the Cairns Campus and Tuesday 11 September on the Townsville Campus

For more information and to register visit the GRS website<sup>4</sup>.

### Resilient HDR Candidature

*Successfully completing a Higher Degree by Research requires skills to manage not just your project, but also to balance many different demands and responsibilities and maintaining your well being along the way.*

This workshop will offer an opportunity to prepare for the emotional journey of your candidature and to build resilience. The focus will be on developing and strengthening strategies to assist you in facing ‘the bumps on the road’ so that you are able to continue to do what is important. Topics covered in this workshop include self-awareness, values and strengths, managing difficult thoughts and emotions and communicating effectively.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

**When:** Wednesday 5 September on the Cairns Campus and Wednesday 12 September on the Townsville Campus

For more information and to register visit the GRS website<sup>5</sup>.

### Data Storage and Management

*This workshop will introduce HDR candidates to the emerging practice of eResearch and the impact that modern data-centric practices will have on all research disciplines.*

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<sup>3</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/introduction-to-professional-writing-and-editing>

<sup>4</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/research-integrity>

<sup>5</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/resilient-hdr-candidature>

Funding agencies and institutions are now moving to require not only that the outputs of your research (e.g. papers) but also the primary research data that you use are made more openly available wherever possible. The motivations for this change in policy and practice are to do with data reusability and also ensuring data integrity. As a result of these changes, research data management is becoming more important and concepts such as 'metadata' – data about data, licensing and IP ownership – are becoming more important for all researchers to understand. The move to open data and systems is also resulting in entirely new forms of research being possible. Generally available IT tools and open, discoverable data are creating new data centric approaches to research.

The Data Management workshop will cover:

- An introduction to the research data management program at JCU;
- Types of data and why research data management is important;
- A framework for managing research data: The Data Life Cycle Data Management Plans
- A practical exercise for creating a dataset record in the Tropical Data Hub; and
- Group discussion and feedback.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

**When:** Wednesday 5 September on the Cairns Campus and Wednesday 12 September on the Townsville Campus

For more information and to register visit the GRS website<sup>6</sup>.

## Plagiarism

Plagiarism comprises not only direct copying of aspects of another person's work but also the reproduction, even if slightly rewritten or adapted, of someone else's ideas. In both cases, someone else's work is presented as one's own. Explore the issue of plagiarism as it applies to higher degree by research candidates and their advisors.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

**When:** Thursday 6 September on the Cairns Campus and Thursday 13 September on the Townsville Campus

For more information and to register visit the GRS website<sup>7</sup>.

## Intellectual Property and Copyright

*As a researcher it is important that you are aware of copyright obligations and privileges as both a creator and user of copyright protected material; understand your rights as the creator (e.g. author) of*

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<sup>6</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/data-storage-and-management>

<sup>7</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/plagiarism-and-safeassign>



*your thesis, research publications and other works; and realise your obligations in using the work of others, e.g. when reproducing figures, images, photos, tables, survey instruments, multimedia, other print and online materials.*

As a researcher it is important that you are aware of copyright obligations and privileges as both a creator and user of copyright protected material; understand your rights as the creator (e.g. author) of your thesis, research publications and other works; and realise your obligations in using the work of others, e.g. when reproducing figures, images, photos, tables, survey instruments, multimedia, other print and online materials.

This workshop introduces the copyright issues to be addressed throughout the thesis process – research, writing, submitting and publishing – and provides examples of how best to protect your copyright including assigning, licensing and seeking permissions to use other third party copyright materials. This workshop will provide practical advice and examples on how to submit your thesis to ResearchOnline@JCU (<http://eprints.jcu.edu.au/>) the JCU digital repository and how to promote your thesis through the repository.

HDR candidates must attend this session at least once during the first 12 months of candidature (full-time equivalent).

**When:** Thursday 6 September on the Cairns Campus and Thursday 13 September on the Townsville Campus

For more information and to register visit the GRS website<sup>8</sup>.

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<sup>8</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/intellectual-property-and-copyright>

## Elective Workshops



### Making Your Research Degree Work

*This workshop provides participants with key strategies to plan and prepare for satisfying and rewarding careers.*

Universities produce vastly more graduates than they could ever employ. Postgraduate candidates should consider if the reality of an academic career suits them and, if so, how to make it happen. Candidates should also be aware of the whole range of research-related career options available, and understand the skills needed to gain entry into these careers. This series will also discuss the powerful set of transfer skills gained through HDR completion and some alternative pathways to success that can be achieved if these skills are recognised and marketed successfully. Dr Ian McLeod and Dr Andrew Chin are successful early career scientists. They have 20 years of combined relevant work experience spanning consultancies, government, NGOs, filmmaking, science communication and management. They have also interviewed scores of graduates applying for jobs in these industries.

**When:** Tuesday 7 August on the Townsville Campus with a video link to the Cairns Campus

For more information and to register visit the GRS website<sup>9</sup>.

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<sup>9</sup><https://www.icu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/making-your-research-degree-work>

## An Introduction to Statistics Using SPSS

This is an introductory workshop to help HDR candidates with the basic statistics required to analyse their data. This workshop provides a general statistics refresher, covering:

- Introduction to SPSS
- Exploratory data analysis techniques
- Confidence intervals
- Hypothesis testing (t-tests, chi-squared tests); regression analysis computer software used: SPSS

**When:** Wednesday 8 August on the Townsville Campus

For more information and to register visit the GRS website.<sup>10</sup>

## Introduction to Science Communication

*This interactive seminar invites you to engage with the many ways of communicating the outcomes of scientific research.*

Increasingly, researchers are judged on their impact rather than output. Whatever your field of research, someone in the media, the political sphere, schools or just out there in the broad community will want to hear about it. How do you make your meaning clear (and fascinating) to non-specialists without “dumbing-down” and compromising meaning? How do you use images and video to tell your story? This seminar will consider how you might find your own language, voice and medium to get your message to the right people and in the most effective way.

Dr Liz Tynan is a former science journalist and communicator with an interest in the language of science communication – how words can best be used to grab and hold attention.

Dr Ian McLeod is a Senior Research Scientist and Communications Manager at James Cook University and is the Co-founder of Cinematic Science, a world-leading video production and science communication company. Ian is passionate about using visual communication (video, photography and animation) to convert important research into meaningful action.

**When:** Wednesday 5 September on the Cairns Campus and Friday 14 September on the Townsville Campus.

For more information and to register visit the GRS website<sup>11</sup>.

## Contact Us

**Graduate Research School**

**James Cook University**

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<sup>10</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/an-introduction-to-research-design-And-statistics>

<sup>11</sup><https://www.jcu.edu.au/graduate-research-school/workshops-training-and-events/professional-development-program/rd7003-professional-development-workshops/introduction-to-science-communication>



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Visit us on the web at [www.jcu.edu.au/graduate-research-school](http://www.jcu.edu.au/graduate-research-school)<sup>12</sup>

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<sup>12</sup><https://www.jcu.edu.au/graduate-research-school>