



**Dr Bron Eager**

# **AI for Academic Research**

**RESEARCHER TRAINING & DEVELOPMENT**

**APPLIED  
ARTIFICIAL  
INTELLIGENCE  
FOR ACADEMIA**

[www.BronEager.com](http://www.BronEager.com)

Region: Australia + New Zealand  
Version: V20230405

# Course: AI for Academic Research

The *AI for Academic Research* training course is designed to empower academic researchers with the knowledge and skills needed to effectively use AI tools throughout the research process. This comprehensive course will provide participants with hands-on experience in leveraging cutting-edge AI technologies for idea generation, literature discovery, drafting papers, and enhancing the quality of their academic writing.

## Course objectives

By the end of this course, participants will be able to:

1. Use AI tools, such as ChatGPT, in academic writing and research.
2. Identify and select the most suitable AI tools for research tasks.
3. Apply AI tools for brainstorming, idea generation, and formulating research questions.
4. Leverage AI-driven search engines to efficiently find literature.
5. Use AI-assisted writing tools for drafting and editing publications.
6. Enhance the quality, clarity, and impact of their writing.
7. Rephrase academic writing for different audiences.
8. Address ethical considerations when using AI tools in research.

## Who should attend?

This course is designed for academic researchers who are seeking to enhance their research and writing abilities with AI tools.

No prior experience or knowledge of AI is required.

## Delivery options

Course delivery can be tailored for your University, including:

- 2 x 3-hour online sessions
- 2 x half-day in-person\*
- 1 x full-day in-person\*

\*National or international travel costs in addition to course fees.

This dynamic and interactive training course combines lectures, practical exercises, group discussions, and case studies to provide participants with a solid foundation in using AI tools to excel in their research careers.

## LEARNING MODULES

### Module 1: Introduction to AI tools for Research

- Overview of AI, natural language processing tools, and current trends
- Introduction to popular AI platforms and tools for research

### Module 2: AI for Idea Generation and Research Questions

- AI-driven brainstorming techniques
- Generating research questions with AI assistance

### Module 3: Literature Discovery and AI-powered Search

- AI-driven literature search strategies
- Advanced search techniques using AI

### Module 4: Drafting and Editing Research Papers with AI Assistance

- AI-assisted writing tools: features, benefits, and limitations
- Structuring, editing, and refining research papers using AI
- Collaborative writing with AI-powered tools

### Module 5: Enhancing Writing Quality Using AI-powered Language Models

- Improving the readability, clarity, and impact of your writing
- Tailoring writing to different audiences using AI tools

### Module 6: Ethical Use of AI in Research

- Ethical considerations when using AI in research
- Data privacy and security
- Bias and fairness in AI-driven research tools

*AI for Academic Research will equip you with the digital skills needed to stay at the forefront of your field.*



## Dr Bron Eager

Globally recognised for achieving impact through AI and digital skills training for the higher education sector.

- Provided training to 1000+ academic researchers and educators from 50+ Universities around the world.
- Invited speaker and presenter at Quality Assurance Agency for Higher Education (QAA) events.
- Created educational resources for enhancing AI literacy, adopted globally by Universities as recommended training materials for upskilling staff to navigate the new world of AI-embedded academic work.
- Author of 'Academic Writing AI Prompts Phrasebook'
- Awarded Innovation Medal for digital pedagogy initiatives.
- Senior Lecturer in the College of Business and Economics, University of Tasmania, Australia.
- Scholarly Practitioner, with multi-disciplinary research interests spanning digital skills development, entrepreneurship, gender studies, and the scholarship of teaching and learning.
- Excellence in teaching, focusing on applied practice-based pedagogy.
- PhD (mixed-methods, business and psychology)
- Master of Entrepreneurship & Innovation (MEI)
- Graduate Certificate in Learning & Teaching (Higher Education)

# Flexible Delivery Options

Individual enrolment or group bookings are available, as indicated below. All courses include tuition, learning materials, and an e-workbook.

Course Delivery Mode	Individual	Group**
<u>AI FOR ACADEMIC RESEARCH</u>		
• 2 x 3-hour online sessions	✓	✓
• 2 x half-day in person*	✓	✓
• 1 x full-day in-person*		✓

\*National or international travel costs are charged in addition to course fees.

\*\*20 participants per course delivery.

Free AI software is used in all courses, obtained via email sign-up, and is required for full participation.



# Enquiries

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