



Dr Bron Eager

Researcher Training & Development

AMPLIFY ACADEMIC ABILITIES
WITH ARTIFICIAL INTELLIGENCE

APPLIED
ARTIFICIAL
INTELLIGENCE
FOR ACADEMIA

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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'
- 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.
- Awarded Innovation Medal for digital pedagogy initiatives.
- PhD (mixed-methods, business and psychology)
- Master of Entrepreneurship & Innovation (MEI)
- Graduate Certificate in Learning & Teaching (Higher Education)

New World of Academic Work

TRAINING & DEVELOPMENT FOR SUSTAINED SUCCESS

Situation

The digital landscape of higher education is rapidly evolving due to the advancement of AI technologies. Many are not equipped with the necessary digital literacy skills to keep up with these changes.

Complication

The lack of digital literacy among university staff can lead to a poor understanding and integration of new technologies into teaching and research practice, resulting in a decline in the quality and competitiveness of the university.

Resolution

Developing digital literacies for the new world of academic work and ensuring educators and researchers have the digital skills they need to deliver quality education, world-class research, and succeed in a rapidly changing technological landscape.

Training Solutions

OVERVIEW OF COURSE OFFERINGS

AI for Academic Research

Empower researchers to harness AI tools effectively, streamline their research process, and enhance the speed and quality of publications.

PhD AI Accelerator

Help PhD students use AI tools to overcome common obstacles in thesis writing, create high-quality work, and acquire skills to succeed, thereby enhancing their prospects for future careers.

AI-Driven Research Impact

Researchers can maximise their societal, economic, and academic impact with AI tools and automation.

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.

Course: AI PhD Accelerator

Online + Bootcamp Options Available

The *AI PhD Accelerator* program is specifically designed for PhD and Higher Degree by Research students who want to leverage the power of artificial intelligence to enhance their thesis writing. This course provides a comprehensive overview of AI tools that can be used at various stages of thesis development, including literature reviews, drafting, editing, and refining the final thesis document.

Course objectives

After participating in this course, students will be able to:

1. Understand the fundamentals of AI in the context of thesis writing.
2. Scope appropriate AI tools for thesis-related tasks.
3. Use AI to identify research gaps and craft research questions.
4. Conduct an efficient and comprehensive literature review with AI tools.
5. Leverage AI-powered writing and editing tools to draft, structure, and revise their thesis.
6. Enhance the quality, clarity, and impact of their writing.
7. Address ethical considerations for responsible use of AI tools.

Who should attend?

This course is tailored for PhD candidates who aspire to enrich their research and writing capabilities by incorporating AI tools. There is no prerequisite for prior experience or knowledge of AI, as the program is intended for all skill levels.

Delivery options

This course can be tailored to suit your University, including:

- 5 x 90-minute weekly online sessions
- 2 x full-day in-person (Bootcamp)*

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

The *AI PhD Accelerator* combines applied lectures, practical exercises, group discussions, and case studies to provide PhD students with the necessary skills and knowledge to effectively use AI tools in their thesis writing process. This course will not only help streamline PhD research and writing but also ensure candidates produce a high-quality, impactful thesis that stands out in their field.

LEARNING MODULES

Module 1: Introduction to AI tools for Doctoral Research

- Overview of AI, natural language processing tools, and current trends
- Role of AI in thesis writing: current state and future trends
- Introduction to popular AI platforms and tools for thesis development

Module 2: AI for Topic Selection and Research Questions

- AI-driven brainstorming techniques for topic selection
- Generating research questions with AI assistance

Module 3: Literature Discovery and AI-powered Search

- AI-driven literature search strategies for comprehensive reviews
- Advanced search techniques using AI
- Evaluating, organising, and synthesising search results

Module 4: Drafting, Structuring, and Revising Your Thesis with AI

- AI-assisted writing tools: features, benefits, and limitations
- Structuring, editing, and refining your thesis using AI
- Collaborative writing and feedback with AI-powered tools

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

- AI-powered grammar and style checking
- Improving readability, clarity, and impact with AI
- Tailoring language for different audiences, including examiners, with AI tools

Module 6: Ethical Use of AI in Research

- Ethical considerations when using AI in thesis writing
- Ensuring data privacy and security
- Bias and fairness in AI-driven research tools

Course: AI-Driven Research Impact

Driving research visibility and engagement with AI tools

The *AI-Driven Research Impact* course is designed for academic researchers who want to harness the power of AI to enhance their research impact, visibility, and engagement. Participants will learn how to use AI tools to effectively communicate their research findings to various audiences, create compelling content for popular media, and develop engaging social media posts to increase exposure and reach for their work.

Course objectives

After participating in this course, students will be able to:

1. Leverage AI tools to achieve research impact and engagement.
2. Identify and select the most appropriate AI tools for specific research communication tasks.
3. Use AI tools to rephrase academic writing for different audiences.
4. Create engaging content for popular and social media.
5. Automate content delivery across multiple social media platforms.
6. Develop an effective research communication strategy.

Who should attend?

This course is specifically designed for academic researchers, scholars, and professionals who are looking to boost the impact, visibility, and engagement of their research findings. Suitable for all disciplines and research stages, the course caters to those who want to effectively communicate their work to diverse audiences, create captivating content for popular media, and amplify their research through various channels using AI tools. No prior experience or knowledge of AI is required.

Delivery options

This course is delivered in the following formats:

- 3 x 3-hour online sessions
- Full-day in-person intensive*

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

This dynamic and interactive course helps participants gain hands-on experience in using AI tools to communicate their research findings to diverse audiences, craft compelling content for popular media, and amplify their work through social media channels. By mastering AI-driven research communication strategies, participants will be better equipped to broaden their reach and influence.

LEARNING MODULES

Module 1: Introduction to AI for Research Impact & Engagement

- Overview of AI, natural language processing tools, and current trends
- Role of AI in research impact, visibility, and engagement
- Introduction to popular AI platforms and tools for research communication

Module 2: Adapting Academic Writing for Different Audiences

- AI-driven techniques for rephrasing academic writing for popular media
- Understanding the needs and preferences of various audiences

Module 3: Crafting Engaging Content for Popular Media

- AI-assisted writing tools for generating popular media articles
- Transforming research findings into compelling narratives

Module 4: Amplifying Research Impact through Social Media

- Creating engaging social media content
- Exploring the role of hashtags, images, and Alt text
- Developing a social media strategy to promote research findings
- Optimising social media performance with automation

Module 5: Evidencing Impact and Engagement

- Data analytics for measuring engagement
- Building your impact narrative

Flexible Delivery Options

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

Course	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*		✓
<u>PHD AI ACCELERATOR</u>		
• 5 x 90-minute weekly online	✓	✓
• 2 x full-day in-person (Bootcamp)*		✓
<u>AI-DRIVEN RESEARCH IMPACT</u>		
• 3 x 3-hour online sessions	✓	✓
• 1 x full-day in-person intensive*		✓

*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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