



Dr Bron Eager

Applied AI For Research Online Training Programs

AMPLIFY ACADEMIC ABILITIES
WITH ARTIFICIAL INTELLIGENCE

APPLIED
ARTIFICIAL
INTELLIGENCE
FOR HIGHER
EDUCATION
www.BronEager.com

Version: V202402



Table of Contents

01

[AI for Academic Research](#)

02

[Session Overview](#)

05

[Testimonials](#)

06

[Flexible Delivery Options](#)

07

[About](#)

08

[Enquiries](#)

Applied AI for Academic Research

The *AI for Academic Research* training sessions are designed to empower academic researchers with the knowledge and skills needed to effectively use AI tools throughout the research process.

Helping academics get ready for the new world of AI-augmented work.

Course objectives

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

1. Use AI tools in academic writing and research, focusing on academic writing, literature reviews, and qualitative research skills.
2. Identify and select the most suitable AI tools for research tasks.
3. 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.

Designed for beginners. No prior experience or knowledge of AI is required.

Delivery options

Course delivery can be tailored for your University, including:

- 1 x full-day online session
- 2 x 1/2 day online sessions

Session Overview

The training comprises two 3-hour online sessions, delivered over one or two days.

Session 1 focuses on core communication skills for using AI systems productively. Through demonstrations and guided practice, researchers will learn techniques to guide AI tools towards generating meaningful content and learn to write effective prompts – the foundations of communicating clearly with AI chatbots such as ChatGPT. Researchers will also gain first-hand experience interacting with chatbots and using AI tools to locate academic literature.

In Session 2, researchers dive deeper into leveraging AI for key research workflows. Demonstrations and activities will use AI tools for document analysis, knowledge base building, literature review and analysis, draft writing, copyediting, and summarisation.

Both sessions emphasise the practical application of AI, key communication concepts, collaborative learning, and group reflection. Participants will have ample opportunities to share insights, discuss limitations and ethical considerations, and shape effective practices for integrating AI into their research.

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

Session 1: Communicating with AI

Welcome and Session Overview

- Agenda
- Goal setting

Project Selection Activity

- Project selection to apply session concepts

Assigning Personas

- What is a persona?
- Creating personas
- Sharing, discussion and reflection

Writing Effective Prompts

- What is a prompt?
- Demonstration: Prompt elements
- Activity: Draft prompts for research tasks
- Discussion and reflection

Exploring AI Chatbots

- What are chatbots?
- Demonstration of popular chatbots
- Explore multiple chatbots
- Compare capabilities, strengths, and limitations

AI for Literature Search

- Tools for literature search and discovery
- Keyword vs semantic search
- Hands-on literature search
- Evaluate search relevancy, strengths, and limitations

Next Steps & Closing Summary

- Key takeaways
- Prepare for Session 2

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

Session 2: Communicating with AI

Welcome Back & Session Overview

- Session 1 reflection
- Session 2 agenda
- Review key concepts

AI Document Analysis

- Overview of AI tools for document analysis

Building a Knowledge Base

- What is a knowledge base?
- Petal platform walkthrough
- Set up a knowledge base

Analysing Literature

- Single-doc, matrix, and multi-doc analysis
- Prompt writing for document analysis
- Analyse papers with AI

Drafting Literature Reviews

- Craft literature review outlines
- Build a 'first draft' literature review document

Copywriting with AI

- Overview of academic writing with AI
- Rephrase, expand, and contract text

Summarisation with AI

- Overview abstract, intro, and conclusion generation
- Generate sections
- Evaluate outputs

Editing with AI

- How can AI be used for editorial assistance?
- Edit documents
- Reflection and discussion

Next Steps & Closing Summary

- Key takeaways
- AI adoption beyond sessions

Testimonials

Bron Eager's Applied AI Training & Development has engaged over 2,000 academic researchers and educators from 50+ Universities worldwide. Her practical, applied, and friendly approach to sharing what she's learnt about AI tools has received outstanding feedback, as evidenced by these testimonials:

“This AI workshop was exceptional! Engaging, informative, and practical. I gained valuable insights into AI applications and their uses. Highly recommended.”

“I'm grateful for the valuable insights gained from the workshop. it introduced me to so many possibilities on using AI in new ways to develop my academic work.”

“I only knew and used ChatGPT. Now I am so impressed with Perplexity, Petal, and Elicit.
Thank you so much Bron”

“Great and informative session. Regardless of if you are AI novice or an experienced user, Bron has ticks to teach you up her sleeve.”

“An excellent and interactive introduction to using AI in a research context!”

If you still want to have a job next year, you must attend Bron's AMAZING workshop.

Such a great experience.
Bron was very engaging and informative, with so much knowledge!

Flexible Delivery Options

Introductory applied AI training and development sessions are available globally for universities or individuals seeking personalised coaching. All sessions are delivered online and assume no prior knowledge of AI.

Session Delivery Formats

ONLINE GROUP* TRAINING

- 2 x 3-hour half-day sessions delivered over two days
- 1 x full-day

INDIVIDUAL COACHING AND RESEARCH PROJECT CONSULTATION

- 45-minute coaching session – Academic researchers
- 45-minute coaching session – PhD and Masters students**

Notes.

* Maximum 20 participants recommended.

** PhD and Masters student rates available for non-tenured or precariously employed academics.

Free AI tools are used in all group training sessions.
For advanced functionality, paid AI tools may be required.
Access to AI tools may vary depending on participant's geographical location.

To organise a session, email training@broneager.com



Dr Bron Eager

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

Dr Bronwyn (Bron) Eager serves as a Senior Lecturer in the College of Business and Economics at the University of Tasmania in Australia.

Internationally recognised as a Scholarly Practitioner, she possesses multi-disciplinary research interests that encompass applied artificial intelligence (AI), digital skills development, entrepreneurship, gender studies, and the scholarship of teaching and learning.

With an industry background, she leverages her entrepreneurship experience to enrich freelancing, small business and entrepreneurship education, and build the field of applied AI through outreach, training programs, and advising on the enhancement of digital literacies.

She places high value on the synergy between her academic pursuits and practical experiences, demonstrating a commitment to fostering skills development and cultivating a sense of community among students, educators, and research academics.

Learn more at www.BronEager.com/academic



Enquiries

www.BronEager.com

training@BronEager.com