



AI generations: Staff & Student Innovations Unplugged

Thursday 2 November 2023
1.00-4.15pm (Teams meeting [online](#))

Keynote speaker:
Sue Attewell, Co-Director
of the [Jisc National Centre for AI](#)

A symposium aimed at exchanging ideas and experiences about the impact of generative artificial intelligence (GenAI) on education, learning, and assessment for use in future academic practice.

Schedule

- 13:00-13:10 **Introductions and scene setting**
- 13:10-14:05 **Keynote: The Impact of AI on Education**
Sue Attewell, Co-Director of the [Jisc National Centre for AI](#)
- 14:05-14:40 **5-minute lightning talks: Staff and student use of AI**
- 14:40-14:55 **Break**
- 14:55-15:15 **Panel discussion: The ethics of artificial intelligence**
Seb James, VP Education, Worcester Students' Union
Dr Tim Jones, Pro Vice Chancellor (Students), University of Worcester
- 15:15-15:50 **5-minute lightning talks**
- 15:55-16:15 **Panel Q&A**
Sue Attewell, Co-Director of the Jisc National Centre for AI
Helen Hope, Deputy Head, School of Sport & Exercise Science, University of Worcester
Al Linforth, President, Worcester Students' Union
Martin Whiteside, Chief Information Officer, University of Worcester

**Join the conversation online by
visiting the [Symposium Teams site](#)**

Abstracts

13:10-14:05 Keynote: The impact of AI on education

Sue Attewell, Co-Director of the Jisc National Centre for AI

In today's rapidly evolving technological landscape, the impact of GenAI tools, such as ChatGPT, is being felt in various domains, especially in education. In this talk we'll discuss how we have reacted to the unprecedented surge of interest in generative AI, and the challenges and opportunities we are seeing across the education sector in the UK. We'll also share insights from our work, including student and employment concerns, and how we are planning to support the strategic adoption of AI in education over the next few years. Additionally, we will consider how work and employment will be impacted in the next five years. There will be plenty of time for discussion.

14:05-14:40 5-minute lightning talks: Staff and student use of AI

An Active, Critical and Assessed Use of Generative-AI in Assignments

Dr Colin Price, Principal Lecturer in Computing, Department of Computing, University of Worcester

On my mandatory 3rd-Year module Nature of Computing, students learn about image processing for three weeks. They must write a 'position paper' based on their workshop activities where they explain one or two image processing algorithms. They are then required to use GenAI to produce a corresponding paper. Based on their learned understanding, they must then critically analyse the GenAI paper.

Using ChatGPT to Plan and Structure Lectures

Dr Christopher Holland, Head of Department for Sport Management, Therapy and Exercise, University of Worcester

This session explores the application of ChatGPT in education, emphasizing its role in the planning and structuring of lectures. A brief overview of the tool's use in topic generation, content research and lecture outlining will be provided, along with some tips for effective use.

AI Affordances for Students with a Disability: A Universal Design Approach

Dr Seán Bracken, Principal lecturer, Department for Education and Inclusion; and Mark Harwood-Browne, Disability Advisor, Student Services, University of Worcester

The current University policy on AI shares that students with a disability are permitted to use AI to assist them to realise their learning potentials. This presentation provides an insight into the AI tools that are provided for students with a disability, and outlines ways that they may be used to facilitate improved access for learning, teaching and assessment. We suggest that these tools could be mainstreamed for universal adoption and briefly explore the implications for doing so.

ChatGPT in History Teaching

Dr Alexandra Lazareva, Associate Professor, Department of Education, University of Agder

The project introduces a novel approach to history education by leveraging the power of AI. Through an interactive website, students engage in conversations with a ChatGPT model specifically designed for historical inquiries. By using natural language processing and machine learning algorithms, the ChatGPT model can comprehend and respond to students' prompts, facilitating a dynamic and personalized learning environment. The design of the applications is related to Bloom's taxonomy of learning outcomes. The application-based use of ChatGPT is the starting point for critical reflections on issues related to historical consciousness, e.g., the trustworthiness of sources and the limits of historical knowledge, as well as for students' metacognitive reflections on their own learning.

Using Midjourney to Explore Relations Between Word and Image with Level 4 Fine Art Students

Dr John Cussans, Senior Lecturer in Fine Art, Course Leader for BA Fine Art and BA Fine Art with Psychology and Leader of the Arts and Health Research Group, University of Worcester

This presentation discusses the use of Midjourney as a teaching tool for Fine Arts students.

Students' Union – Myth Buster Mondays

Mollie Parker, Academic and Welfare Advisor, University of Worcester

Introducing 'Myth Buster Mondays', a new initiative from the Help and Advice Service. Our myth busters offer students a chance to view Instagram stories, engage with polls and challenge the common myths we hear in our advice room. 'Myth Buster Mondays' will touch on the recurring topics we hear, including artificial intelligence, academic misconduct and housing. As part of our commitment to students, we collect data on case themes and use this information to form the basis of our campaigns and proactive outreach. We hope 'Myth Buster Mondays' will dispel student myths and provide students with the knowledge to make the most of their time at Worcester.

15:15-15:50 5-minute lightning talks

On Ethicality: Caution Advised

Dr Marie Stephenson, Senior Lecturer, Department for Education and Inclusion, University of Worcester

This presentation concerns the ethics of sharing work, yours and others, and what you understand about the ownership of that text when you submit it into a GenAI program.

Library Services and AI Literacy

Kate Courage, Head of Library Academic Engagement; Allie Taylor, Library Enquiries Manager; and Kathryn Devine, Academic Liaison Librarian, University of Worcester

Many of the skills required to successfully and ethically navigate the world of GenAI are similar to the more traditional Information Literacy (IL) skills long taught by libraries: how to search/create prompts, how to evaluate what you find and how to acknowledge what you are using. We will demonstrate how IL skills map onto the growing field of AI Literacy, particularly in the area of ethical use. We will introduce Library Services' new web guidance on the effective and ethical use of AI in information seeking, enabling students to thrive in an increasingly AI-powered world.

Scite_ai: Empowering Higher Education Institutions with Advanced Citation Analysis

Beverley Gilbert, Senior Lecturer in Domestic/Sexual Violence and Criminology, School of Psychology, University of Worcester

An introduction to the What? How? and Why? of AI application Scite_ai. This tool helps to locate references to support research statements and has the potential to provide researchers in higher education with a platform to assess the reliability and impact of scholarly articles through citation-based analysis. Scite_ai can determine whether an article has been supported, disputed or mentioned in subsequent research, providing a more nuanced understanding of impact. This tool presents quantitative information about citation, something along the lines of Google Scholar, but also summarises how research has been cited to help analyse the replicability of scholarship.

GenAI as a Personal Assistant – Can it Help Senior Managers to be More Efficient?

Helen Hope, Deputy Head, School of Sport and Exercise Science, University of Worcester

'I need more days in the week' is something we often say, so how does using GenAI help us to improve the way we work and create more time.

The Future is Now: How a Modern Design Agency is Using AI All the Time. Today.

Sam Collett, Senior Lecturer Graphic Design, University of Worcester, and Web Agency Owner

You might be surprised to learn that industry has embraced AI in all facets of work, but nowhere more so than in marketing, web and creative agencies. A quick rundown of real-life recent examples will be provided.

AI Learning Outcomes: What AI Job Roles and AI Skills Will Industry Need?

Dr Andrew Tomlinson, Senior Lecturer in Computing, University of Worcester

The successful exploitation of AI by businesses will require entrepreneurs and specialists with skill sets that are yet uncertain. This talk discusses some emerging themes and calls for debate and ideas regarding what skills are likely to support successful AI usage by industry. Understanding such skill requirements would be useful for course planning, deciding lesson content, and course marketing.