



September 2025

Welcome to the September 2025 edition of the **AI Nurses Network** newsletter. We hope this monthly newsletter will keep you up to date with opportunities in this clinical research network as well as insights into what is happening with artificial intelligence (AI) in nursing and healthcare. AI is a busy space so we will do our best to keep you informed! More information is available on our [website](#) and [LinkedIn group](#).

Webinar series:

Dr Tamara Macieria
University of Florida,
USA



Webinar series

Our webinar series is hosted on our dedicated [YouTube channel](#). This month we have a great webinar from [Dr Tamara Macieria](#), a nursing scholar based at the University of Florida, USA, who discusses using large language models to enhance nursing documentation and care. More webinars will follow each month from nurses around the world researching different aspects of artificial intelligence in nursing.

[Find out More](#)

Natural Language Processing for Health Research: Part 1

Course Overview

- Written by experts
- Introductory
- 100% online
- Video content
- Multiple choice quiz
- Approx 10 hours to complete
- Completion certificate

UKRI Medical Research Council

Innovation Scholars
Pillar 1: Natural Language Processing for Health Research

KING'S COLLEGE LONDON

[Enroll on this course](#)

About this course

Welcome to the Innovation Scholars Data Science Programme. Funded by UKRI, this programme run by Kings College London offers flexible and modular training for health care professionals, researchers and industry partners. This training aims to upskill all in their ability to use and apply big data in their work and research. We hope you will find data and AI training that supports you within the programme.

Much of the information in Electronic Health Records (EHRs) is held in unstructured, natural language text. This is usually in the form of correspondence between clinicians, or short notes added in to the EHR. If we wish to reuse EHRs for research, then we need ways to handle this text.

This course explores Natural Language Processing (NLP), and its use in extracting this information from EHR text. The course aims to equip you with an understanding of NLP and its techniques, in particular when applied to biomedical texts such as the unstructured, free text portion of medical records.

Training on artificial intelligence

If AI is new to you and you want to learn more, we recommend watching our introductory webinar on [artificial intelligence in nursing](#) and completing a short course called [Demystifying AI](#) available for free online. An [AI dictionary](#) is also available with a glossary of key terms and concepts.

If you want to learn more about AI, why not try a [Natural Language Processing \(NLP\)](#) course to learn NLP techniques you can apply to unstructured text such as electronic health record data. This course is designed for people with no AI experience so why not give it a go!

[Find out more](#)



Research and reports on AI

A selection of recent research studies on artificial intelligence in nursing and healthcare as well as relevant reports and strategies are summarised below to showcase the development and application of AI in health and care. More research and reports are posted regularly on our [LinkedIn group](#).

Unintended consequences of using ambient scribes in primary care

Ambient scribes have rapidly attracted international interest among healthcare practitioners, researchers, and commercial providers with over 100 companies estimated to be providing ambient scribes in healthcare settings worldwide. [Read More →](#)

Evaluating large language models and nurses in providing neonatal clinical decision support

This study in the International Journal of Nursing Studies assesses the clinical reasoning capabilities of two large language models, ChatGPT-4 and Claude-2.0, compared to those of neonatal nurses during neonatal care scenarios.

[Read More →](#)

ChatGPT-generated nursing care plan for an older adult with lung cancer

This study from nursing researchers published in the Journal of the American Medical Informatics Association demonstrates the effectiveness of using a validated framework to create a ChatGPT prompt that generates valid nursing care plan suggestions for one hypothetical older patient with lung cancer. [Read More →](#)

Automating inductive thematic analyses of health content using LLMs

This study published in the Journal of the American Medical Informatics Association evaluated the feasibility of using large language modules (LLMs) to replicate expert-driven thematic analysis of social media data. Results suggest that few-shot LLM-based approaches can automate thematic analyses, offering a scalable supplement for qualitative research. [Read More →](#)



Funding for AI research

A selection of UK and other funding programmes that are available to support research on artificial intelligence in health and care are summarised below to help you identify suitable funding streams to support your ideas for AI research. More funding opportunities are published regularly on our [LinkedIn group](#).

Wellcome - Mental Health Award

Funding for projects that robustly test the real-world effectiveness and assess implementation strategies of scalable transformative early interventions for anxiety, depression and psychosis in young people.

[Read More →](#)

NIHR Climate Change and Health Research Collaboration Awards

The NIHR Climate Change and Health Team invites applications for research that addresses the challenges of climate change by building resilience into the delivery of health and social care services during severe weather events (made worse by climate change) e.g. extreme heat and flooding.

[Read More →](#)



News and events on AI

A selection of recent news items and upcoming events on artificial intelligence from across the UK and beyond are summarised below to help you network with and learn from researchers, industry and other stakeholders working in the AI space. More news and events are posted regularly on our [LinkedIn group](#).

Online webinar - Harnessing Open Data To Track Preventable Deaths

In this online webinar schedule for 3 December, Dr Georgia Richards will discuss the Preventable Deaths Tracker a national platform that collates and analyses coroner's reports to learn lessons following inquests.

[Register for the webinar here →](#)

Article - How much water does AI consume?

Shaolei Ren, Associate Professor of Electrical and Computer Engineering, University of California, discusses the environmental costs of AI in particular water consumption highlighting the need to maintain global water resources to combat drought and improve animal and human health.

[Read online →](#)

News article - Educators discuss the impact of AI on university education

UN report - How to assess AI's environmental impact

The UN report on "Measuring What Matters: How to Assess AI's Environmental Impact" offers a

Artificial intelligence is changing how students learn and the world they'll graduate into. Experts reveal how applicants can get ahead.

[Read more →](#)

comprehensive overview of current approaches to evaluating the environmental impacts of AI systems.

[Read more →](#)



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