

School of Health Information Science Seminar Series:

Using LLMs to assist with literature reviews (without cheating)



Speaker:

Phil Gooch

*PhD in Health Informatics from City St George's,
University of London*

Nov 19 on Zoom

10:00am PT

Using LLMs to assist with literature reviews (without cheating)

One of the promises of Large Language Models (LLMs) is their ability to act as an agent: going beyond search and question answering to planning, implementing and executing multi-step tasks. As a result, we have seen the emergence of LLM-powered research assistants that aim to automate the entire literature review process, from source selection, ranking, comparative analysis, through to writing the review itself. While using technology to reduce the cognitive load of repetitive tasks has a long and accepted tradition, do we really want to outsource all our critical thinking to machines? If so, what do we learn?

Phil Gooch

Phil Gooch has a PhD in Health Informatics from City St George's, University of London. His research focused on the use of natural language processing to extract linked clinical events from medical texts. His research informed his work at various startups including Mendeley, RefMe and Babylon Health. He later founded the award-winning EdTech startup Scholarcy, developing techniques to transform documents into a universal, machine-readable structure.

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