



# School of Health Information Science

## Seminar:

# Bridging the Gap: Challenges and Strategies for the Implementation of Artificial Intelligence in Healthcare



Speaker:

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**Oct 16 on Zoom**

**10:00AM PT**

Recent years have witnessed a rapid surge in research dedicated to the development of artificial intelligence (AI) algorithms to support clinical decision-making tasks. While many of these algorithms have been crafted with precision and their accuracy validated through rigorous processes, there are concerns that their translation into routine clinical practice remains disproportionately limited. This gap between algorithm development and clinical deployment not only raises questions about the efficiency of research efforts but also prompts a critical examination of the factors contributing to this translational bottleneck. AI algorithms that fail to make their way into clinical practice, despite demonstrating high performance and validity, can be deemed as research waste. In this lecture we will discuss translational research challenges in healthcare, specifically focusing on those associated with AI, review what is currently known about these challenges, and propose strategies to overcome them.

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**Meeting ID: 870 5258 6665**