# DBMI OPEN INSIGHTS

## Using Large Language Models to Optimize Clinical Decision Support and Patient-Provider Communication

**Siru Liu, PhD**

**Assistant Professor, Department of Biomedical Informatics, Vanderbilt University Medical Center; Department of Computer Science, Vanderbilt University**

Large language models (LLMs) demonstrate great potential in healthcare, with applications including medical question answering, patient education, and clinical note summarization. In this talk, we explore the potential of LLMs in two key areas: optimizing clinical decision support (CDS) and improving patient-provider communication within patient portals. (Full abstract and bio online.)

**Tuesday, February 25, 2025 • 12:00–1:00pm • Free Pizza Lunch 11:30am**
**Countway Library • Minot Room (5th Floor) • Zoom option**

**The DBMI Open Insights Seminars** are occasional research talks related to the mission of the Department of Biomedical Informatics. This includes themes such as:

- Provisioning big data to the scientific community
- Getting the big picture on human health
- Learning from each patient
- Advancing basic science with data science
- Understanding disease beyond heredity: environmental impact
- Instrumenting the health enterprise for discovery and intervention

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