Health Informatics and AI Learning Series (Spring 2026)

BROWN Center for Biomedical Informatics

Last Updated: February 4, 2026

The Health Informatics and AI Learning Series is a collaborative forum dedicated to exploring the intersection of healthcare, data, and technology through expert seminars, critical literature reviews, and peer feedback on emerging research. Our goal is to create a vibrant environment for continuous learning and innovation.

This weekly series offers a multifaceted platform including:
- **Seminars**: Featuring insights from internal and external subject matter experts.
- **Journal Clubs**: Deep dives into the latest high-impact research.
- **Work in Progress (WIP)**: A supportive space to present early-stage ideas and receive peer feedback.

Wednesdays 12:00 PM - 1:00 PM
School of Professional Studies, 225 Dyer Street, Room 480

Date	Type	Article/Presentation
Feb 11, 2026	Journal Club	**Medical AI Performance & Safety** Wu D, Haredasht FN, Maharaj SK, Jain P, Tran J, Gwiazdon M et al. **First, do NOHARM: towards clinically safe large language models**. 2025. arXiv preprint arXiv:2512.01241 Lead: Hamish Fraser, MBChB, MSc, FACMI, FIASHI
Feb 18, 2026	Work in Progress	**Clinical and Global Health Informatics Evaluation Lab** ***The Persona Paradox: Medical Personas as Behavioral Priors in Clinical Language Models*** Amina Abdullahi, ScM, PhD Candidate, Department of Computer Science, Brown University ***Evaluation of LLMs for Health*** Nikolas Montaquila, MD28 Student, The Warren Alpert Medical School, Brown University
Feb 25, 2026	Journal Club (Translational Bioinformatics)	**AI Applications in Genomics** Wang Q, Pan Y, Zhou M, Tang Z, Wang Y, Wang G, Song Q. **scDrugMap: benchmarking large foundation models for drug response prediction**. Nat Commun. 2025 Dec 11;17(1):730. doi: 10.1038/s41467-025-67481-2. PMID: 41381537; PMCID: PMC12820318. Lead: Qing Wang, PhD Candidate, Department of Health Outcomes and Biomedical Informatics, University of Florida
Mar 4, 2026	Seminar	**Best Practices in Clinical Trial Matching Services and the Architecture of the EXACT Clinical Trial Matching System** Adam Blum, Founder and CEO, CancerBot

Mar 11, 2026 *Room 565*	Work in Progress	**Student Presentations**
Mar 18, 2026	Journal Club	**Clinical Use of LLMs** Korom R, Kiptinness S, Adan N, Said K, Ithuli C, Rotich O et al. **AI-based clinical decision support for primary care: A real-world study**. 2025. arXiv preprint arXiv:2507.16947. Lead: Hamish Fraser, MBChB, MSc, FACMI, FIASHI
Apr 8, 2026	Seminar	**Transforming a Health System with Responsible AI** Matthew Butler, MBA, Director of Artificial Intelligence, Information Services, Brown University Health Atin Jindal, MD, MS, Academic Hospitalist, Miriam Hospital; Director of Medical Informatics, Brown University Health; Assistant Professor of Medicine, Brown University
Apr 15, 2026 *Room 475*	Work in Progress	**Student Presentations**
Apr 29, 2026	Journal Club (Translational Bioinformatics)	**AI Applications in Genomics** Li B, Zhang B, Zhang C, Zhou M, Huang W, Wang S, Wang Q, Li M, Zhang Y, Song Q. **PhenoProfiler: advancing phenotypic learning for image-based drug discovery**. Nat Commun. 2025 Dec 14;17(1):793. doi: 10.1038/s41467-025-67479-w. PMID: 41392045; PMCID: PMC12824340. Lead: Bo Li, PhD Student, University of Macau