

The First Workshop on Applying LLMs in LMICs for Healthcare Solutions (ICHI 2024 Workshop)

Date/Time: June 3, 2024, 8:30 am – 12:00 pm (for half day) or 8:30 am – 4:30 pm (for full day).

Location: Room

Chairs: David Tresner-Kirsch and Emma Pierson

Half-day workshop:

	Session 1:	
1:00 pm – 1:05 pm	David Tresner-Kirsch	Welcome remarks
1:05 pm – 1:25 pm	David Restrepo, Luis Filipe Nakayama, Robyn Gayle Dychiao, Chenwei Wu, Liam G. McCoy, Jose Carlo Artiaga, Marisa Cobanaj, João Matos, Jack Gallifant, Danielle S. Bitterman, Vincenz Constantine Ferrer, Yindalon Aphinyanaphongs and Leo Anthony Celi.	Seeing Beyond Borders: Evaluating LLMs in Multilingual Ophthalmological Question Answering
1:25 pm – 1:45 pm	Shuyue Stella Li, Vidhisha Balachandran, Shangbin Feng, Emma Pierson, Pang Wei Koh and Yulia Tsvetkov.	Beyond the Stethoscope: Operationalizing Interactive Clinical Reasoning in Large Language Models via Proactive Information Seeking
1:45 pm – 2:20 pm	Mark Dredze	Keynote: "Large Language Models in Medicine: Opportunities and Challenges"
2:20 pm – 2:50 pm	Coffee Break (20 minutes)	
	Session 2:	
2:50 pm – 3:10 pm	Walelign Sewunetie, Assefa Beza, Tesfamariam Abuhay, Hailemariam Endalamaw, Wasyihun Admass, Hayat Hassen, Hana Hailemariam, Nathnael Bekele, Mahlet Mammo, Lydia Debebe, Mahlet Berta, Tsion Haile, Surafel Lulseged, Nurilign Moges, Seid Yimam and Laszlo Kovacs.	Large Language Models for Sexual, Reproductive, and Maternal Health Rights
3:10 pm – 3:30 pm	Amelia Taylor and Kai Lab.	Self-Directed Learning for Community Health Workers in Malawi Through Generative AI
3:30 pm – 3:50 pm	Paulina Boadiwaa Mensah, Nana Serwaa Quao, Sesinam Dagadu, James Kwabena Mensah, Emmanuel Kwabena Asiedu, Noreen Irena Ghartey, Kwame Konadu Akowuah, Kwasi Antwi Donkor, Jude Domfeh Darkwah, Kwabena Agyei Asiedu Asante, Seth Makafui Passah, Bismark Yeboah Dankwa, Nene Christine Osa-Afiana and Esther Poku Dwumah.	All You Need Is Context: Clinician Evaluations of various iterations of a Large Language Model-Based First Aid Decision Support Tool in Ghana
3:50 pm – 4:10 pm	Grady McPeak, Anja Sautmann, George Ohia, Adham Hallal, Eduardo Arancón, Ravi Nirmal and Robert Pless.	An LLM's medical testing recommendations in a Nigerian clinic: potential and limits of

		prompt engineering for clinical decision support
4:10 pm – 4:30 pm	Delta-Marie Lewis, Brian DeRenzi, Amos Misomali, Themba Nyirenda, Everlisto Phiri, Lyness Chifisi, Charles Makwenda and Neal Lesh.	Human review for post-training improvement of low-resource language performance in large language models
4:30 pm – 4:40 pm	Closing Remarks	Workshop Chairs