

Modelling and solving a community health care network design problem in remote regions

Lunch provided.



Marilène Cherkesly, Ph.D.
Post-doctoral Fellow,
Northwestern University &
Université du Québec à Montréal

Friday, March 18
12:30-1:30pm
MIT Building E38 – 6th Floor

Marilène Cherkesly is a postdoctoral fellow at Northwestern University and Université du Québec à Montréal. She is working under the supervision of Karen Smilowitz and Marie-Ève Rancourt. In this presentation, we propose tools to assist with the design of a community health care network in order to increase health coverage for remote regions of Liberia. This study is a collaborative effort with Last Mile Health (LMH), a non-governmental organization that brings health care to remote communities in Liberia. Dr. Cherkesly will present the performance of different mathematical formulations for this problem. Computational results will be presented along with a discussion of the implementation progress with LMH as CHWs are recruited.



**Northwestern
University**

UQÀM



**MIT Humanitarian
Response Lab**