



clinicaldata.mit.edu

The MIT LCP Clinical Data Consortium is a unique opportunity to engage academic and industry research in the domain of health data analytics research through interdisciplinary collaboration. This association of scientist, clinician, and industry leaders is devoted to building and curating uniquely powerful open health datasets, accelerating the discovery of novel machine learning models and applications focused on quality improvements in health outcomes.

# Industry-Academic Group Advancing Health Data Analytics

## Join the Consortium

### BENEFITS OF MEMBERSHIP

#### Early Access

Consortium members are granted early access to the growing MIMIC dataset ahead of public open release, to jumpstart their research investigations

#### Individualized Support

Meet with LCP researchers for personalized support or discuss interests. Including limited opportunities for visiting researchers.

#### Community

Engage with the community to generate knowledge and make better use of data resources, and gain the opportunity to provide input for refinements and future directions

Through this Consortium, we aim to build a growing community of like-minded innovators, foster the exchange of analytics knowledge, and enhance the impact of clinical data. We will further development of open access databases, such as the **Medical Information Mart for Intensive Care (MIMIC)**. These repositories of high quality structured clinical data will be enhanced with additional features, including medical imaging, and ultimately become federated

by integrating new data sources from other institutions and countries. Consortium activities will include an Annual Conference to discuss research and progress, and regular Steering Committee Meetings to plan the future directions and evolution of activities, to enhance the usefulness of resources. Join us now to affect the future of health data analytics.

For information, contact: [clinicaldata@mit.edu](mailto:clinicaldata@mit.edu)

The Laboratory for Computational Physiology (LCP), under the direction of Professor Roger Mark, conducts research on improving healthcare through new and refined approaches to interpreting data. LCP research incorporates physiology, computer science, engineering, and applied mathematics. Using modern approaches to modeling, signal processing, pattern recognition, and machine learning, the lab's researchers develop and refine methods for analyzing data for generating predictive models that will aid in patient care.



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