

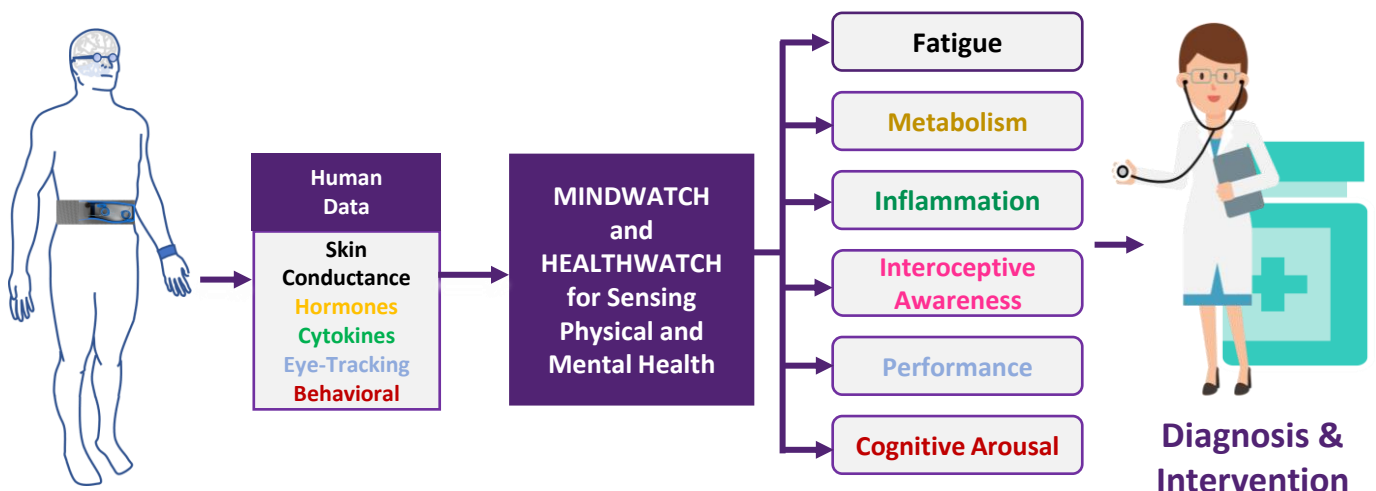
# Fall 2024 PhD Openings



## Computational Medicine Laboratory PI: Rose Faghieh, PhD

The Computational Medicine Lab (CML) at the New York University's Biomedical Engineering Department has Ph.D. openings for highly motivated and creative prospective Ph.D. students with applied mathematics, signal processing, machine learning and/or control theory backgrounds to develop mathematical algorithms for biomedical engineering applications with a focus on human subject research. The Ph.D. students will be working on the algorithms for wearable and portable devices of the future that can act as a HEALTHWATCH or a MINDWATCH. CML's ongoing research is supported by NIH and NSF. The ideal Ph.D. candidate has obtained their B.S. or M.S. degree in electrical, mechanical or biomedical engineering, or related fields (e.g., computer science, applied mathematics, statistics, etc.) focusing on signal processing and/or machine learning. The projects involve algorithm design and validation in real-time experiments with human recordings. **Fall 2024 PhD application deadline is December 1<sup>st</sup>, 2023.** To be considered for the NYU BME PhD program and CML's PhD openings, PhD applications need to be submitted before the deadline using the following link: <https://engineering.nyu.edu/admissions/graduate> *The applicants should mention in their application and personal statement that they are interested in joining CML to work under supervision of Dr. Faghieh.* Moreover, those interested in the openings can send their CV to CML's group email **Computational\_Medicine\_Laboratory@nyu.edu** with subject line "PhD Openings at CML" and a member of CML will get back to them with more information.

### Research Directions



Interested applicants can email us:

**Computational\_Medicine\_Laboratory@nyu.edu**