

Postdoctoral Fellowship Opportunity at Technion – Israel Institute of Technology

Position: Postdoctoral Researcher
Location: Technion, Haifa, Israel
Division: Department of Biomedical Engineering

Prof. Joachim Behar
Faculty of Biomedical Engineering
jbehar@technion.ac.il

About the Lab:

The mission of Artificial Intelligence in Medicine Laboratory (AIMLab.) is to develop artificial intelligence algorithms for basic medical & clinical research which will lead to significantly improved patient care. The billions of mobile devices used worldwide, along with numerous affordable medical sensors, have simplified the recording and transmission of medical data. However, harnessing this data to improve patient care remains a challenge. Existing algorithms often overlook individual variability and fail to extract actionable clinical insights from vast databases of physiological time-series and medical images. To address this, AIMLab. focuses on developing advanced pattern-recognition algorithms that can unlock the valuable information within such datasets.

Why Join Us?

We offer leading research in medical AI, combining the worlds of data science and medicine, which can transform patient care. Our researchers publish their work in leading engineering, biomedical engineering, digital health, and medical journals. Join our team of students and researchers working in the field of medical machine learning and have a direct impact on healthcare.

Ideal Candidates:

We are seeking highly motivated postdocs with a background in BME/CS/EE/IE/Math, strong programming skills/programming in Python, and experience in analysis of unstructured data and handling large databases. This individual must be able to work as a team and independently with a desire to co-mentor graduate students at BSc and MSc levels.

Application Process: If you are interested, please reach out to Prof. Joachim Behar via email at jbehar@technion.ac.il with the email subject being "FULBRIGHT-PF-2024 – Deep Learning in Medical AI".

Feel free to share this opportunity with anyone who might be interested.

Explore more about the lab: <https://www.aimlab-technion.com/>

Apply by September 15, 2024 for Fulbright funding:

- Stipend: \$95,000 (\$47,500 per academic year for two years)
- Reimbursement of up to \$1,700 for airfare expenses for Fulbright fellows (and spouses)
- Partial reimbursement of children's education expenses and fees

For More information: USprograms@fulbright.org.il