Summer projects in Computational Human Genomics

Where did your ancestors live?
Which medication is suitable for you?
What is your risk for a particular disease and what can you do about it?
Your genome holds information about all these questions.
But how to make sense of it?
Our job is to figure that out. And our answers involve a lot of modern data science, statistics and large-scale computation.

At the Human Genomics programme at the Institute for Molecular Medicine Finland (FIMM), we have unique research opportunities as the FinnGen project has genotyped 500,000 Finns by the end of this year (www.finngen.fi) and the Academy of Finland has chosen us as its Centre of Excellence (CoE in complex disease genetics).

We seek for summer interns for summer 2023 with knowledge in statistics, computer science, mathematics, machine learning, data science or other quantitative field, and with a keen interest to apply their skills in practice. The interns work with modern data sets at the forefront of the human genomics research in an international and highly multidisciplinary research environment. The positions are paid.

The internship positions are hosted among the computational research groups at FIMM, Meilahti campus, including groups of Andrea Ganna, Hanna Ollila, Matti Pirinen, Samuli Ripatti and Taru Tukiainen.

A successful internship can form a basis for a future Master's thesis and/or a PhD project.

To apply, send your (1) CV, (2) a letter describing your interest and motivation for the position, and (3) your transcript of academic records to the contact email by 10.2.2023.

Contact: Matti Pirinen, matti.pirinen@helsinki.fi

FIMM
Institute for Molecular Medicine Finland
Nordic EMBL Partnership for Molecular Medicine