

The Institute of Social and Preventive Medicine (IUMSP), University Hospital of Lausanne (CHUV) and the Faculty of Biology and Medicine, University of Lausanne (UNIL) offers a

## PhD position in public health with a specialisation in health economics

### Context

The PhD position is to support a research project financed by the Swiss Federal Food Safety and Veterinary Office (FSVO) titled “The cost of food consumption across socioeconomic groups in Switzerland: estimation of the price of a healthier diet and its impact on nutritional inequality.” There is evidence that more nutritious diets are more expensive. Given the importance of nutrition in modifying health risks it is important to understand the economic constraints to improving nutrition, particularly for low income households where food costs are relatively more important and who are more likely to experience poorer levels of health.

The student will work with the principal investigators based within the Health Care Evaluation Unit (*health economics*) and Division of Chronic Diseases (*nutritional epidemiology*) at the Institute of Social and Preventive Medicine (IUMSP). They will be working in an inter-disciplinary environment and integrated within a team of health economists that work amongst colleagues specialised in public health, epidemiology, biostatistics and health services research.

### Mission

The selected candidate will provide research assistance to the FSVO financed project, which has an already developed and externally approved research protocol. The main elements of which are:

- A systematic literature review of studies estimating the relationship between the economic costs of food consumption and diet quality
- Integration of household survey datasets and supermarket scanner data of individual food consumption, food expenditures and food prices.
- Statistical and econometric analysis of the relationship between the costs of achieving recommended nutritional guidelines of foods consumed and nutritional quality as well as how this varies across households according to their socio-economic status.

The candidate will also enrol as a doctoral student within the Faculty of Biology and Medicine Doctoral School's Life Sciences programme (public health 'laboratory') at (UNIL):

[www.unil.ch/ecoledoctoralefbm/en/home/menuguid/doctoral-programs.html](http://www.unil.ch/ecoledoctoralefbm/en/home/menuguid/doctoral-programs.html).

The candidate would also be expected to follow the International Doctoral Courses in Health Economics organised by the Swiss Society for Health Economics and the SSPH+:

<https://www.sggoe.ch/international-doctoral-courses-in-health-economics-and-policy.html>

The thesis should be realised within max. 3 years at the IUMSP and will integrate the research undertaken into the economic costs of healthier nutrition developed under the supervision of the professors in health economics and epidemiology who are the FSVO project's principal investigators.

## Conditions

Candidates would be expected to have, or about to obtain, a Masters Degree in economics, health economics, operations research, statistics, epidemiology or public health.

The candidate will receive a full time PhD student salary for the duration of the project's funding period (29 months), with the intention to ensure continued financial support for at least 3 years to complete their thesis. A panel of professors from within the IUMSP /CHUV and UNIL (HEC) will evaluate the shortlisted candidates.

## Application:

Interested candidates are invited to send their electronic application via the CHUV internet site ([www.chuv.ch](http://www.chuv.ch)). Please submit your candidature including 1) a letter of motivation 2) a Curriculum Vitae and list of publications 3) copy of certificates and diploma, via

[https://recrutement.chuv.ch/home.html#filter=p\\_web\\_site\\_id%3D5352%26p\\_published\\_to%3DWWW%26p\\_language%3DDEFAULT%26p\\_direct%3DY%26p\\_format%3DMOBILE%26p\\_search%3D](https://recrutement.chuv.ch/home.html#filter=p_web_site_id%3D5352%26p_published_to%3DWWW%26p_language%3DDEFAULT%26p_direct%3DY%26p_format%3DMOBILE%26p_search%3D)

**Duration:** maximum 3 years (initial contract for one year, renewable)

**Starting date:** 1/10/2017, to be agreed.

**Enquiries:** Further information on the position can be obtained from Prof. Mark Dusheiko: tel: +41 21 314 3351; email: [mark.dusheiko.1@unil.ch](mailto:mark.dusheiko.1@unil.ch).

**Deadline for submission:** Three weeks after the publication of the announcement.