

PROFESSOR POSITION IN PREVENTION AND PUBLIC HEALTH

The Faculty of Science and Medicine of the University of Fribourg, Switzerland, announces the opening of a position of Professor in Prevention and Public Health.

The Medicine Section in the Faculty of Science and Medicine includes a Bachelor programme in Medicine and Biomedical Sciences, a specialized Master programme in Experimental Biomedical Research and a Bachelor and Master programme in Sport Sciences. Starting in autumn 2019, the new Master programme in Medicine will be introduced.

GENERAL CONDITIONS

The successful candidate should have a MD, with certification in prevention and public health (FMH or title judged equivalent) or a PhD degree in public health, epidemiology or related field. She/he is expected to establish an independent research programme supported by external funding, as well as to teach at Bachelor and Master level. She/he should be experienced in teaching public health, epidemiology and clinical research methodologies (interactive lectures, seminars and PBL). The candidate is expected to show evidence of previous successful acquisition of competitive external funding, as well as an excellent research output, including a substantial publication record. She/he will be free to pursue her/his own choice of research topics (e.g. epidemiology in the field of primary care, etc.), with a preference for topics in relation with the primary care focus of the Department and the Institute of Family Medicine. The main field of research must be located in Switzerland. Interactions with the other research groups within the Department, the Medicine Section, the Faculty of Science and Medicine, the *hôpital fribourgeois (HFR)* and the public health service of the canton of Fribourg are encouraged.

Concerning teaching, she/he is expected to teach public health, quantitative and qualitative research principles for conducting master theses to students in Medicine. She/he will also give some support to tutors supervising Master theses with less expertise in research, especially in the starting phase of the Master programme in Medicine. She/he will develop and give, with help of Department staff and other designated collaborators, all courses related to public health to medical students (including the Swiss health system, insurance system, ...). Topics must be based on **PROFILES** (<http://www.profilesmed.ch/canmeds>) in order to prepare students for the final exam of medicine, and in coordination with the whole curriculum. She/he is expected to contribute to the corresponding examinations. During the initial phase, the candidate will contribute to a building process of the Master. Due to the advanced educational needs of the Master, a formal training in medical education or in higher education (CAS or equivalent) is expected from the candidate (this can be acquired after nomination). Good organizational and communication skills are also expected, as well as a track record of effective team working and collaborative development, including local and international links.

Seeking to promote an equitable representation of women and men, the University strongly encourages applications from women.

APPLICATION PROCEDURE

Hard copies of the following documents should be forwarded to the mailing address below:

1. a covering letter mentioning the position for which the candidate is applying (Professor position in Prevention and Public Health)
2. a complete curriculum vitae

3. a complete list of publications (highlighting specifically the 5 most important contributions)
4. a detailed record of teaching experience
5. a record of past and present funding
6. a 1-2-page description of the research, which the candidate intends to carry out in Fribourg
7. the names and addresses (postal and e-mail) of three persons who could be contacted as referees

Deadline: the applications have to reach the Dean's office before 31 August, 2018

**Prof. Christian Bochet
Dean of the Faculty of Science and Medicine
University of Fribourg
Chemin du Musée 8
CH-1700 FRIBOURG
Switzerland**

Please also send an electronic version of the application ("name.pdf") and PDF versions of the 5 most relevant publications ("name-papers.pdf") to the Faculty Administrator at the Dean's Office (franziska.heyna@unifr.ch).

ACADEMIC ENVIRONMENT

The Medicine Section belongs to a joint Faculty of Science and Medicine of the University of Fribourg, which facilitates cooperation between medicine and basic science disciplines such as physics, chemistry or biology and offers many possibilities for collaboration and shared use of infrastructure.

Sections and Departments

The Science Section is composed of six departments and one institute, the Medicine Section is composed of five departments and one institute (see <http://www3.unifr.ch/scimed/fr/org>).

The Medicine Section of the Faculty of Science and Medicine currently hosts 22 professors, distributed into five departments: Endocrinology, Metabolic Science and Cardiovascular System (EMC), Medicine and Public Health (MPH) and the Institute of Family Medicine (IFM), Medical-Surgical Specialties (MSS), Neurosciences and Movement Science (NMS), and Oncology, Microbiology and Immunology (OMI). The section covers different teaching domains, namely Morphological Sciences, Physiology, Immunology, Sport Sciences, Basic Clinical Sciences (Pathology, Microbiology and Pharmacology), Clinical Medicine (Cardiology, Neurology, Endocrinology, Psychiatry, Family Medicine), Medical Humanities as well as expertise in Medical Education. Clinical teaching is ensured in collaboration with the HFR (*hôpital fribourgeois*) and the RFSM (*Réseau fribourgeois de santé mentale*) and the general practitioners.

For the implementation of the Master of Medicine, professors in Medical Education, in Family Medicine and in Paediatrics have already been hired. Additional professor positions (Psychiatry and Psychotherapy, General Surgery, Orthopaedic Surgery, Prevention and Public Health, Radiology, Internal Medicine, Gynaecology-Obstetrics, Geriatrics and Emergency Medicine) are currently under opening. The Chief Physicians of the HFR and RFSM will provide teaching forces in many other domains.

A president who is elected for 2 years amongst its professors leads the Medicine Section. Major decisions are taken by the Section Council, which includes the teaching staff and student representatives. The professor of Prevention and Public Health will join the *Département de médecine et santé communautaires*.

Study programmes

The Medicine Section offers three-year Bachelor degree curricula: a *BMed in Human Medicine*, a *BSc in Biomedical Sciences* and a *BSc in Sport Sciences and Motor Control*. In addition, two 1.5-year Master degree curricula are offered: an *MSc in Sport Sciences and Motor Control* and a *specialized MSc in Experimental Biomedical Research*. Additionally, a joint Master programme in Biomedical Sciences is offered by the Universities of Fribourg and Berne. Starting in September 2019, the new Master of Medicine will prepare 40 medical students for the Swiss federal licencing examination (FLE) and will be characterized by a strong interest in Family Medicine.

Principles of the Master of Medicine: The Plan of the Master of Medicine is presented in the *Message au Grand Conseil* (http://www.parlinfo.fr.ch/dl.php/fr/ax-576beb3758668/fr_MES_2015-DICS-24.pdf) / *Botschaft an den Grossen Rat* (http://www.parlinfo.fr.ch/dl.php/de/ax-576beb18a159a/de_MES_2015-DICS-24.pdf). As mentioned in "concept of the teaching" in the plan, the Master of Medicine should rely on *outcome-based education* and acquisition of *competences* (Entrustable Professional Activities/EPA). The major purpose of the programme is to favour clinical competences, communication abilities, economic and ethical thinking, as well as evidence-based medicine.

The postgraduate education at the Medicine Section is offered within the framework of a "doctoral school" together with the Universities of Geneva, Lausanne, Neuchâtel, Berne and Basel that runs a joint programme of invited lectures and summer schools for graduate students (the "Troisième Cycle Romand" programme). A special programme for training in Neurosciences in collaboration with the University of Bern is also offered.

Research

Research currently conducted in the Medicine Section embraces a variety of topics, at the moment concentrated in 6 clusters: (i) Cancer, Immunology and Microbiology; (ii) Neuroscience; (iii) Cardiovascular System, Metabolism and Endocrinology; (iv) Medical Humanities; (v) Medical Education and (vi) Community and Family Medicine. Further research clusters are foreseen and will rely on the orientations of the future professors.

Please find further information on present state and planned future developments in the Medicine Section in the "Strategic Plan"

http://www3.unifr.ch/scimed/de/assets/public/scimed/faculty/positions/Planstrategique-DepMed_final-jan-2014.pdf, and

in the "Scientific Report"

http://www3.unifr.ch/scimed/de/assets/public/scimed/faculty/positions/Scientific%20Report%202013-2014-web_0720.pdf.

We expect, with the arrival of the new clinical professors in 2019, that the Medicine section will intensify clinical research, also in collaboration with the HFR and the RFSM.

Languages

The University of Fribourg is bilingual. Teaching to medical students at the Bachelor and Master level is in French or in German. Students are expected to understand both languages, but can take their exams in either language. Master of Science and PhD programmes are taught mainly in English. Candidates are expected to have a working knowledge of all three languages or be willing to acquire such knowledge within a few years.

INFRASTRUCTURE, POSITIONS AND FUNDING

Infrastructure

Rooms and facilities

The Professor of Prevention and Public Health and her/his research unit will have her/his location at the University, in an office grouped with the other units of the Department.

Computers (University, teaching and research)

The University's computer service supplies all department members (academic and technical staff) with state-of-the-art PCs or Macs and appropriate office, reference, statistical and graphics software. Specific research software is considered for research facilities.

Positions (University, teaching and research)

The new Professor of Prevention and Public Health is a full-time position. The successful candidate will receive the following dotation:

- 100% MER (maître d'enseignement et de recherche / Lehr- und Forschungsrat), starting 1.1.2019
- 100% physician assistant (research), starting 1.1.2020
- 100% study nurse, starting 1.1.2021
- 100% statistician, to be shared with all chairs linked with the Master of Medicine, starting 1.1.2019
- 100% statistician PhD candidate, to be shared with the whole chairs linked with the Master of Medicine, starting 1.1.2019
- access to the secretary pool of the Master of Medicine, starting 1.1.2019

A 100% IT specialist is at the service of the MMed programme (professors, office of studies).

Financial support (University, teaching and research)

Set-up funding

- Installation credit for research activities, based on the standard amounts of the Faculty and the resources available
- Resources for computing material will be at the new professor's disposal

Running expenses

- Participation in the annual credits (operating, equipment, informatics, library)

CONTACT

Contact for further information:

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