Initiatives of the University Hospital Zurich for Academic Career Development in Clinical Research

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Strategy

- Initiatives and programs of the Swiss Confederation
- Initiatives and programs of the University of Zurich
- Initiatives and programs of the Medical Faculty
- Programs of the University Hospital Zurich
Academic Career Development and Gender Equality

• **Career development program: Filling the Gap**  
  In order to increase the number of women professors and women in influential academic boards ....

• **Project "Search for Women in Excellence“**  
  The University of Zurich is a Gender Equality employer. The Medical Faculty has made provisions in the academic appointment procedures to increase the number of women professors.

• „**BWL“-Mentoring**  
  High ranking women executives in business and medicine with management experience engage for 12 months in mentoring women medical assistant professors.
Medical Specialist Pharmaceutical Medicine SIWF/FMH
The Clinical Trials Center is a SIWF/FMH-approved site of further education for pharmaceutical medicine of category A. It offers assistant physicians a structured curriculum in the context of a defined concept of further education towards the federal title of medical specialist in pharmaceutical medicine.
SwAPP-Title
„Expert Pharm. Med.“
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The Clinical Trials Center is a centre for further education in pharmaceutical medicine - clinical research and is accredited by Swissmedic, SGPM and SwAPP.

It offers its own non-medical specialists for clinical research the opportunity to acquire the SwAPP title "Expert Pharm. Med.".
Certificates of Advanced Science of the UZH

12 ETCS credits
CTM: 96 SwAPP Credits
Good Clinical Practice (GCP) Courses of the CTC

- Mandatory for sponsor-investigators, investigators and clinical study staff of the UHZ
- Courses with certificates according to curricular standards of Swissethics
  12 hours basic Module 1 and Module 2, additional 6 hours for sponsor / sponsor-investigator level
- More than 1,600 participants per year
“Spitalpool“ and UHZ-Internal Regulations for Further Education
“Spitalpool“ and UHZ-Internal Regulations for Further Education

All physicians with a permit for private medical practicing may apply to the head HRM for support of further education events in leadership or management, specialist trainings or for support in teaching or science.

• Further education budgets of medical divisions or clinics
• Continuing and further education budgets of medical divisions or clinics (UZH operational resources).
• Congress participation and specialist trainings. One time complementary funding by the „Spitalpool“.
• Career development by the „Spitalpool“ (currently 25% of the „Spitalpool“).
• Carrying the costs arising from cooperation in official projects of the UHZ / MB (no research projects).
Master Studies in Medical Biology

General information

Aims
The Master of Science in Medical Biology program enables medical students and graduates (in addition to their regular degree in medicine, dentistry, or veterinary medicine) to gain a basic natural science education which allows them to obtain a Master degree at the Science Faculty of UZH, without previously attaining a Bachelor degree in natural science. The role of the Master program is to select eligible candidates and to coordinate their integrated science education.

The Master of Science in Medical Biology program is oriented exclusively toward Bachelor and Master students as well as graduates of degree courses in human medicine, veterinary medicine or dentistry.

The Master of Science in Medical Biology program is supervised by an Interfaculty steering committee (IMPC), which consists of representatives of the Faculty of Science, the Faculty of Medicine, and the Veterinary Faculty.

Duration
3 semesters

Preparatory studies

Propedeutic studies (PDF, 172 KB)

Master Thesis
The Master’s dissertation (45 CP) can only be carried out in one of the research groups of the UZH or ETHZ belonging to the Life Science Zurich Graduate School. Students must endeavor independently to secure a position in a host institution. ❖ www.lifescience-graduateschool.ch

Admission requirements
Qualified to apply for this course of studies are those who have completed Bachelor’s studies in human medicine, veterinary medicine or dentistry; the course is open to students of all nationalities.
Doctoral Program
“Clinical Science” of the Medical Faculty
Doctoral Program “Clinical Science” of the Medical Faculty

Doktoratsprogramm Clinical Science

Die Universität Zürich bietet ab Herbstsemester 2016 das PhD Doktoratsprogramm Clinical Science an. Das Doktoratsprogramm Clinical Science eröffnet eine universitäre postgraduale Qualifikationsmöglichkeit im Bereich der klinischen Forschung. Der Fokus liegt auf der Forschung mit gesunden oder kranken Menschen im klinischen Setting. Damit ist das Doktoratsprogramm Clinical Science zukunftsweisend, denn künftig wird klinische Forschung an den Universitätskliniken noch mehr gefördert werden.

Das PhD-Programm Clinical Science ermöglicht den Kandidatinnen und Kandidaten eine vertiefte klinische Forschung im medizinischen Bereich durchzuführen. Es ist offen für hoch motivierte Bewerberinnen und Bewerber, die sich als akademisch herausragend erwiesen haben und ein starkes Interesse an klinischer Forschung zeigen.
„Filling the Gap“
Program of the Medical Faculty
„Filling the Gap“ Program of the Medical Faculty

Filling the Gap

Scope and structure
Filling the Gap aims to support the academic career of (future) medical doctors at the University’s hospitals of Zurich and the affiliated academic hospitals of the Faculty of Medicine during a period of two to three years. The program enables talented physician scientists to conduct research activities, which are fundamental for their academic careers.

Filling the Gap is part of the → Gender Equality Action Plan 2013-2016 of the University of Zurich. The Faculty of Medicine invites especially highly qualified female researchers to apply to the program.

The program is based on three pillars:

- Planning: Personalized planning of the academic career in conjunction with the clinic direction
- Mentoring: Appointment of a mentor to assist researchers in their academic career
- Supporting: Allowance of paid research time between 20% to 50% per year

The program also takes into account important aspects relating to the conciliation of clinical and research activities with family life.

Conditions
- You are in the last year of medical studies or already a medical doctor.
- You work at one of the University’s hospitals of Zurich (Balgrist, Kiepi, KJP, PUK, USZ) or one of the affiliated academic hospitals (Kantonsspital Baden, St. Gallen, Winterthur) or - as a last year’s student - have already been given a prospective employment in one of these hospitals
- You are committed to develop an academic career.
- You would like to conduct your research activities simultaneously with your clinical practice.

Next call
The next call for new applications will take place in 2017 or 2018 (start funding period on January 1st, 2019).
Mentoring Concept of the Medical Faculty
Mentoring  Concept of the Medical Faculty

Mentoring

What is mentoring?
Mentoring can be defined as a professional relationship in which an experienced scientist (the mentor) assists a less experienced one (the mentee) in developing scientific and personal skills. Mentoring involves support outside of the institutional hierarchical relationship, and is based on trust and confidence. Mentoring is a “bottom-up” relationship in the sense that the initiative comes from the mentee.

Who are the target persons?
Young scientists at the Faculty of Medicine of the University of Zurich (students in the last year of their studies and those working on their doctoral and habilitation dissertations) who would like to build an academic career in clinical medicine or in some basic subject of medicine.

What are the goals?
Goals of the mentoring program are:
- raising early awareness of the need for career planning and advice about professional development;
- supporting career steps;
- integrating young scientists into research groups and networks;
- establishing research collaboration;
- giving advice on research proposals;
- facilitating stays abroad;
- supporting publications
Mentoring at the University Hospital Zurich

A division of the Directorate Research & Education
„Mantelstudium“ and Focus Program in Psychiatry (UZH, PUK)
„Mantelstudium“ and Focus Program in Psychiatry (UZH, PUK)

1) Mantelstudium
vier Module in Psychiatrie
- PSY 1: Wissenschaft. Methoden zur Erforschung psychiatrischer Krankheitsbilder
- PSY 2: Affektive Störungen
- PSY 3: Psychotische Störungen
- PSY 4: Ärztliche Psychotherapie

... und zwei weitere nach Wahl
- ...
- ...

... und zusätzlich

2) Masterarbeit
auf dem Gebiet der Psychiatrie oder Kinder- und Jugendpsychiatrie

3) Wahlstudienjahr
Mindestens 3 Monate auf dem Gebiet der Psychiatrie oder Kinder- und Jugendpsychiatrie oder in einem verwandten Themengebiet (z.B. Neurologie)

4) Mentorenprogramm
Sie werden einem persönlichen Mentor/in zugewiesen, die/den Sie in allen Ihre Ausbildung betreffenden Fragen berät und unterstützt
„Mantelstudium“ and Focus Program in Psychiatry
(UZH, PUK)

Mantelstudium: zur Zeit circa 40 Module...

Wahlstudienjahr – Klinikkatalog:
z.Zt. >30 Fächer, >300 Einträge

Masterarbeit Themenbörse: ca. 500 Einträge …

17/06/16
„Mantelstudium“ and Focus Program in Medicine & Technology (UZH / ETH)
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Vertiefung «Medizin und Technik» (UZH & ETH)

- Lernziele:
  - Grundlegende Fachkenntnisse in ausgewählten Bereichen des Themenfeldes «Medizin und Technik»
  - Interdisziplinaire Kommunikation und Interaktion

- Schwerpunkte:
  - Medizintechnik (Bildgebung / Diagnostik / Therapie)
  - Biokompatible Materialien
  - Versuchsplanung, Statistik

- Curricularer Rahmen:
  - UZH: Schwerpunktprogramm im Mantelstudium
  - ETH: Module im Bereich «Medizintechnik» & «Biomedical Engineering»
  - Tandem Teaching (UZH / ETH)
  - Verschiedene Formate (VL, POL, Hospitationen, eigenständiges Arbeiten, Masterarbeit, etc.)
Foundations and Research Awards
Foundations and Research Awards

independently support young research talents