Les rencontres de la Faculté de médecine
Careers & Opportunities Network Cafe

Carrière en médecine clinique
«MD-PhD - Chef de clinique (scientifique): Comment s’y préparer? A quoi s’attendre?»

Intervenants:
Jérôme PUGIN, Vice-Doyen en charge de la médecine clinique
Béatrice SAXER-BROWN, Responsable Ressources Humaines Faculté de médecine
Brigitte MANTILLIERI, Bureau de l’Egalité, Adjointe au Rectorat UNIGE

Mercredi 5 novembre 2014 | 12h30-14h00
CMU - Salle de réunion du Décanat, 4e étage
Prochaine rencontre: mercredi 12 novembre - Carrière en médecine fondamentale
Academic career for MDs

Medical studies

• Bachelor: PREMs
• Master: “travail de master”
• Options courses
• “Année à choix”
Academic career for MDs

Post-Master (doctorates):

MD: doctorate in medicine

MD-PhD: doctorate in medical sciences (Faculty of Medicine) (3-4 yrs)

PhD: 4-5 yrs
   - doctorate in sciences (Faculty of Sciences)
   - doctorate in neurosciences (Lemanic school of neurosciences)
Academic career for MDs

MD-PhD

Program of the Faculty of medicine: “doctorate in medical sciences”

Only one MD-PhD (fundamental or clinical research orientation)

Committee: President Prof. F. Negro (2014)

Admission based on:
- scientific project
- commitment from a PI from the Faculty to follow the grad student
- commitment from a “chef de service” for employment post MD-PhD

Possibility to get a competitive national grant (Bern)
- less than 3 yrs post medical studies
- studies mainly done in Switzerland
- pays 3 years of salary
Academic career for MDs

MD-PhD in Geneva

Fundamental research orientation: Modules (year 1) and “chapitres choisis” (year 2 and 3) 20 ECTS
Clinical research orientation: Theoretical course based on the CAS “clinical research” 20 ECTS

No more PhDs...
Ca. 4-6 new MD-PhD graduate students/year
Ca. 2-3 obtain the national grant (CHF 180’000.-)

General satisfaction of the program
Good outcome
Goal: return to clinics!
PhD, number of years after MD exam:

MD, PhD performed between 1990-2010, Faculty of Medicine, Geneva
37 responses/43 surveys sent
MD, PhDs who obtained a FMH title:

- 66% (FMH, n=21)
- 22% (FMH en cours, n=7)
- 12% (Pas de FMH, n=9)

MD, PhD performed between 1990-2010, Faculty of Medicine, Geneva
37 responses/43 surveys sent
The PhD was helpful/hindering in my career:

- 78%: une aide, n=29
- 14%: neutre, n=3
- 8%: un frein, n=5

MD, PhD performed between 1990-2010, Faculty of Medicine, Geneva
37 responses/43 surveys sent
I would re-do a PhD, if I had to do it again:

- oui, n=33 (89%)
- non, n=3 (8%)
- ne sait pas, n=1 (3%)

MD, PhD performed between 1990-2010, Faculty of Medicine, Geneva
37 responses/43 surveys sent
Career track - current employment
(n=22, graduates who completed until 2002)

- Assistant doctors
- Research position in institutes/industry
- Senior physicians
- Assistant or full Professor degree
Academic career for MDs

Post-MD-PhD

Clinical formation (FMH)

“Scientific intern” *NEW*
- 50% research for 2 years, funded by the Faculty of medicine
- 50% clinical
- Goal “smooth landing after research”, continue basic project, ...publish
- prolonged time to obtain an FMH
Academic career for MDs

“Chef de clinique scientifique”

- Usually after 5-8 years after medical studies
- Awarded by the “commission recherche et relève de la Faculté de Médecine”
- Based on a scientific project (+ publications)
- “aspect relève”
- 3 years, 80% research and 20% clinical

Post-doctoral fellowship

- Anytime after medical studies
- Usually after a few years clinical training
- Funding!!!
  - Fonds de perfectionnement des HUG (commission HUG)
  - Fondations – Sociétés médicales
  - FNRS (chercheur débutant/avancé)
  - Organisme d’accueil
Academic career for MDs

CAREER AWARDS:

• SCORE / PROFESSEUR BOURSIER DU FONDS NATIONAL

• FONDATION CLOETTA

• TREMPLIN – Marie Heim Vöglin