

Post Training Fellowships in Infectious Diseases and Medical Microbiology

AMMI Canada Trainees' Day
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Objectives

- To discuss:
 - How to approach arranging a fellowship
 - How to access funding
 - Considerations in choosing and applying for fellowships



My Story

- 1999-2001
 - Infectious Disease, University of Manitoba
- July 2001-Dec 2002
 - Section of Hepatology, Winnipeg
- 2003
 - Transplant ID Fellow (Clinical/Research),
Massachusetts General Hospital
 - Began MSc (Epi), HSPH
- 2004
 - University of Alberta, Transplant ID



Applying for Fellowships

- Considerations
 - Career goals (academic, location, area)
 - Job opportunities
- Generally academic programs looking for additional training/skills
- Limited formal post-ID or MM training programs
- Therefore little specific funding



Training Programs

- TRID (CIHR-UBC Training Program for Translational Research in Infectious Diseases)
 - <http://www.cmdr.ubc.ca/trainingprogram/>
 - MD Clinical Investigator Program trainees (2 years)
 - Completing training at UBC



TRID

- Research Themes

- Molecular pathogenesis, innate immunity, cell signalling and immunomodulation
- Pathogenomics, proteomics, vaccine development, diagnostics (including SARS)
- Antibiotic resistance and novel therapeutic targets
- Food and water-borne infections
- HIV/AIDS, STD, Hepatitis C and blood-borne infections



International Centre for Infectious Diseases (ICID)

- ICID/CIHR Training Program
 - http://www.icid.ca/ICID_training_program.html
 - Basic Sciences
 - Clinical Sciences
 - Health Services and Systems
 - Societal, Cultural, and Environmental Determinants of Health



ICID/CIHR Training Program

- Genomics of infectious diseases
- Viral hepatitis
- Transmissible spongiform encephalopathies
- Zoonotic diseases
- Vaccinology
- HIV/AIDS
- Intracellular pathogens
- Antimicrobial agents and antimicrobial resistance



Hepatitis C Training

- National Canadian Research Training Program in Hepatitis C

- <http://ncrtp-hepc.ca/>

- UBC
- U of Alberta
- McGill
- U of New Brunswick
- U of Toronto
- U of Montreal
- U of Saskatchewan



Royal College of Physicians and Surgeons of Canada

- Royal College Fellowship for Studies in Medical Education
 - http://rcpsc.medical.org/awards/fellow_e.php
- International Traveling Fellowship
 - http://rcpsc.medical.org/awards/international_e.php
- Medical Education Traveling Fellowship
 - http://rcpsc.medical.org/awards/medical_e.php
- Detweiler Traveling Fellowship
 - http://rcpsc.medical.org/awards/detweiler_e.php



CIHR Opportunities

- CIHR clinician scientist
 - <http://www.cihr-irsc.gc.ca/e/22371.html>
- CIHR fellowships
 - <http://www.cihr-irsc.gc.ca/e/22340.html#toc>
- HIV/AIDS Research Program - Priority Announcement: Fellowship Awards
 - <http://www.cihr-irsc.gc.ca/e/30008.html>



Other Funding Sources

- AMMI Canada grants
 - http://www.ammi.ca/grants_awards/index.php
 - Bayer Healthcare/CIHR/AMMI Canada/CFID Research Fellowship



Other Funding Sources

- AHFMR (Alberta)
- R. Samuel McLaughlin Fellowship (Manitoba)
- Unofficial
 - Work/train
 - Institutional/Departmental Support
 - Pharmaceutical



Choosing a Fellowship

- Job market and needs
- Personal interests and career goals
- Talk to people to find the best program - local/national/international
- Strongly consider training elsewhere if plans to return

Start Panning Early!

