



CIHR's STIHR Program

- Strategic Training In Health Research
- Established in 2002
- Renewal process in 2008
- Multiple themes
- Criteria
 - Excellence in mentorship
 - Multi-disciplinary
 - Innovative and effective
 - Raise national standards for training

The slide features a title 'CIHR's STIHR Program' in a large, blue, sans-serif font. To the left of the title is the same stylized logo as in the first image. Below the title is a list of bullet points, each starting with a blue square. The last bullet point, 'Criteria', is followed by a sub-list of four red squares. At the bottom of the slide are three small logos: a crest on the left, the CIHR logo in the center, and a globe on the right.



Leadership

- **Key Leaders**
 - Keith Fowke, Francis Plummer, Stephen Moses, John Wylie, Javier Mignone
- **Site Coordinators**
 - Keith Fowke, Stephen Moses, Julius Oyugi, Carlos Rojas



Other Leadership

- Joe Kaufert, James Blanchard, Reynold Washington, Benson Estambale, Carlos Rojas, Marissa Becker, Maryanne Crockett, Joshua Kimani, Lawrence Elliott, Julius Oyugi



Mentors

| | | | |
|-------------------|----------------------|-----------------|------------------|
| Ross Upshur | Eric Meslin | Catherine Cook | Brenda Elias |
| Kathi Avery Kinew | Michael Eze | Mike Drebot | Sharon Bruce |
| Robbin Lindsay | T. Blake Ball | Carole Beaudoin | Pat Martens |
| Stephanie Booth | Walter Jaoko | Omu Anzala | Jody Berry |
| Martim Songok | Solomon Mpoke | B.M. Ramesh | Margaret Fast |
| Sushena Reza-Paul | Maria Teresa Rugeles | Joanne Embree | Chris Green |
| Larry Gelmon | Pam Orr | Darryl Hoban | Michael Williams |
| George Zhanel | Xiaojian Yao | Xi Yang | Darren Fast |

Administrative Support

- Office Assistant
 - Eva Polak
- Administrative Assistant
 - Jude Zieske



Trainees

- PhD students, PDF and clinical fellows
- Positions available for local and international trainees
 - 2-4 PhD trainees at each international site
- International network of trainees and mentors



Trainees:

- Round 1-22, Round 2-12, one left program – total 33
- Colombia 2, India 7, Kenya 4, Canada 20
- Basic/clinical – 22, Epi/Social - 11
- PhD - 25, PDF - 7, Clinical Fellow – 1
- **76% (16/21) of CDNs have external salary awards**



New Trainees for 2011:

- **Bangalore**
 - PhD - Suresh Chiptrapu, Dhanunjaya Rao Chintada
 - PDF - Jayanna Krishnamurthy
- **Medellin**
 - PhD - Natalia Vanegras
- **Nairobi**
 - PhD - Marion Kiguoya, Nadia Chanzu
- **Winnipeg**
 - PhD - Kalesh Danappa Jayappa , Ifeoma Okwor, Sajid Mahmood, Elizabeth Cooper, Melissa Herman
 - PDF – Shamshad Khan



Multidisciplinarity of trainees



Cisily Meeme
Home Country: Kenya
Degree: PhD student, University of Nairobi
Supervisor:
 Dr. Elijah M. Songok, Dr. T. Blake Ball, Prof. James Ochanda
Project Title:
 Evaluation of Drug Resistance Profiles and Viral Characteristics in HIV-1 Viruses from Infected Patients Before and After Receiving Antiretroviral Therapy



Jennifer Juno
Home Country: Canada
Degree: U of Manitoba, PhD student (1st year – transitioned from 2 years as MSc student)
Supervisor:
 Dr. Keith Fowke
Project Title:
 The Role of Genetic Polymorphisms at the CD4 locus in HIV disease progression




Zulma Vanessa Rueda
Home Country: Colombia
Degree: University of Antioquia, doctoral student of Epidemiology, 3 year
Supervisor:
 Lázaro Vélez, MD, Professor of Medicine, University of Antioquia.
Project Title:
 Epidemiologic and clinical characteristics of Mycobacterium tuberculosis in prisoners at four different jails. Colombia 2010-2012



Michael Babu Raj
Home Country: India
Degree: Kuvempu University, Karnataka, Doctoral student
Supervisor:
 Dr. Chandrashekar.E, Lecturer, Kuvempu University
Project Title:
 PPTCT Services: Are We Reaching Out? - From Human Rights Perspective








African Trainees:

- Nairobi-based
 - Marion Kiguoya, Lyle McKinnon, Nadia Chanzu, Cesily Meeme


- Winnipeg-based
 - Winnie Apidi, Robert Were Omange, Ifeoma Okwor




Indian Trainees:

- Bangalore-based
 - PhD – Michael Bapu Raj, Arup Kumar Das, Suresh Chiprapu, Dhanunjaya Rao Chintada
 - PDF – Kaveri Gurav, Jayanna Krishnamurthy



- Winnipeg-based
 - PhD - Kallesh Danappa Jayappa
 - PDF - Shamshad Khan






Colombian Trainees:

- Medellin-based
 - PhD - Zulma Rueda, Natalia Venegas

Objectives

- To equip trainees with the research, scientific knowledge and skills to become **outstanding researchers** in infectious diseases and global health.
- To create a novel and stimulating **multidisciplinary** and **truly international** research training environment that fosters creativity, opportunity, and innovation, and one that demands excellence.
- To harness the unique opportunity offered by the **critical mass** of infectious diseases and global health infrastructure, research opportunities and outstanding scientists in the training of the next generation of infectious disease researchers.
- To make available **collaborative international research sites** for the trainees' primary research projects, sites for research practica and major course offerings.
- To offered a **shared learning environment**, where trainees and mentors from all four of CIHR's research pillars and the four international training sites work cooperatively to explore issues of international infectious diseases and global health.




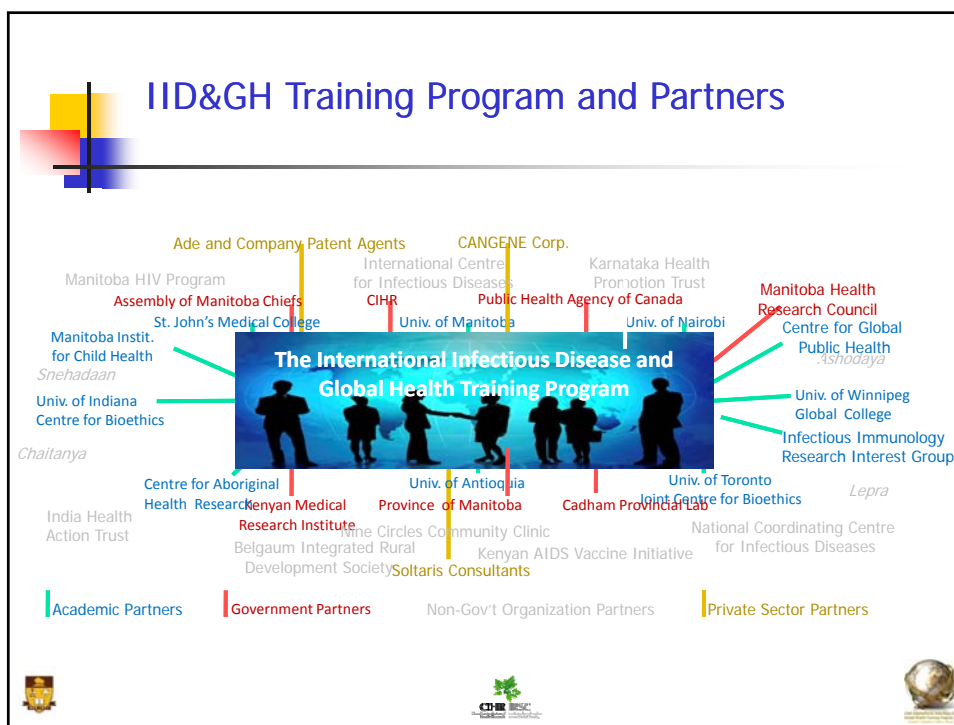
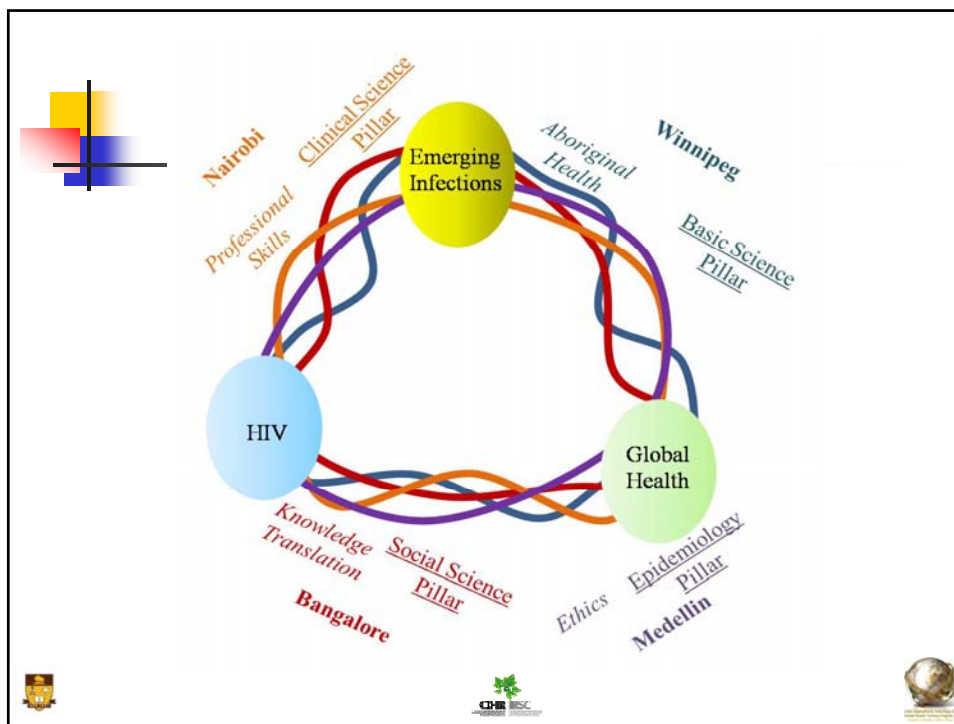
Primary Topics

- HIV/AIDS
- Global Health
- Emerging Infectious Diseases



International Infectious Diseases Training Program Four Continents: One Shared Experience





Major Research Project

- The primary research learning experience
- Project developed
 - between supervisor and trainee
 - before entry into Program
- Progress on research
 - If part-time MUST ensure appropriate protective time (that is what stipend is for)
 - Assessed by supervisor in annual report and scientific symposium by program
 - Publications expected



Major Course Offerings

- Each course would be 2-3 weeks
- Rotate between 3 major research nodes
- Ecology of ID
 - Winnipeg, 2010
- HIV Interventions
 - Bangalore, 2011
- Clinical trails/Int'l Research Ethics course
 - Nairobi, 2012
- Aboriginal/Indigenous Health – Colombia?




Infectious Minds

- Scientific Discussion Group
- Monthly – linked by Video Conferencing
- Topics and guests chosen by trainees
- Expert guest on “hot” topics
- Trainee-led follow-up presentation
 - Trainees from all sites jointly present
- Publishing expected
- Javier Mignone leads




Research Practica

- Purpose: to foster multidisciplinary research
- Self-directed, start early
- Must be in a CIHR Pillar unrelated to trainee's primary project
- Encourage: community engagement and international practica
- Practica plan and partner must be approved, agreements signed
- Funding for practica
 - Trainee stipend – IID
 - Travel, accommodations, living expenses – practica host/self
- Duration – 1-3 months
- Examples:
 - HIV immunologist performing qualitative ethics research
 - Geographic epidemiologist learning clinical microbiology skills
- John Wylie leads



Learning Visits



- Trainees at site of Major Course host the learning visits
- Winnipeg: NML, Nine Circles, Whiteshell petroglyphs, Sweat Lodge, Bowling, U of M Centres (MCHP, CAHR, CGPH)
- Bangalore: visit Karnataka Health Promotion Trust (KHPT) projects
- Nairobi: Majengo clinic, KNH, KAVI, UNITID Labs





Seminar Series


- Visiting speakers series hosted at each site
- Trainee networking opportunities



Scientific Symposium

- One - Two days of trainee presentations and keynote speakers
- National and international experts invited
- Trainees give oral presentations
- Trainees given extensive access to experts
- Networking encouraged so trainees can explore options for next phases of their careers and collaborations



2011 Scientific Symposium

- February 25, 2011
- National Speaker
 - **Dr. S.K. Singh** -Associate Professor in the Indian Institute of Population Studies, Mumbai, India
- Trainee Presentations
 - 30 trainees presentations
 - Primary research or practica







2011 Scientific Symposium

Presentations (10 min)

- Organized by groups, Q and A after each group
- Primary Objective: Accessibility not justification
 - Introduce self
 - Solid teaching component
 - Clearly stated hypothesis or objective
 - Cover highlights of research accomplishments since last year
 - New trainees – research plan any preliminary data
 - Future plans and publication strategy






Expectations

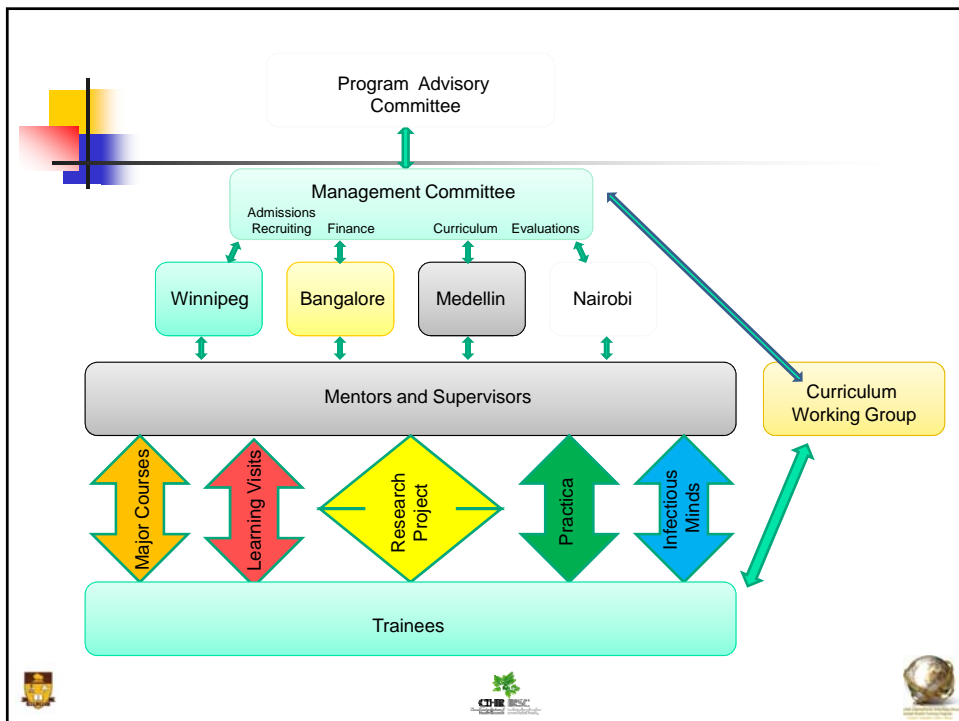
- Full participation
 - Major Courses
 - Infectious Minds
 - Research Practica
 - Scientific Symposium
- Provide annual report and progress data
- Progress on primary research project
 - Publications
 - Acknowledge IID and GH Training Program
- Applying for scholarships (if applicable)





Expectations (2)

- IID and GH Training Program is supplemental to primary program (eg PhD program at U of Nairobi)
- Must meet all requirement of own primary program
- Trainees selected anticipating capacity to handle additional work load
- Advisors signed agreement to give time to participate in IID program
- If IID expectations are not met, withdrawal required so focus and return to primary program





Program Advisory Committee

- Major Stake-holders
 - Academia
 - Industry
 - Government
 - First Nations
 - Not-for-profit Sector
 - Community
 - International Sites
- First meeting May 12, 2010



Thanks to Funding Partners

- Canadian Institutes for Health Research (CIHR)
- Province of Manitoba, Manitoba Innovation Fund
- National Microbiology Laboratory (NML)
- U of M
 - Vice President (Research)
 - Faculty of Medicine
 - Faculty of Graduate Studies
- National Coordinating Centre for Infectious Disease (NCCID)



Thanks KHPT for Everything

