

TAAAC TAAPP

Toronto Addis Ababa Academic Collaboration

Toronto Addis Ababa Psychiatry Project



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Panel Discussions "Snapshot" 1

Discussant:
Dr. Don Wasylenki



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Toronto Addis Ababa Academic Collaboration in Emergency Medicine: TAAAC-EM

Dr. James Maskalyk

Dr. Assefu Woldetsadik



The Beginning

- ❖ Ethiopia has no trained emergency physicians or EM infrastructure for 91+ million people
- ❖ 2008: delegation from AAU visits U of T to request expanded educational collaboration in EM (based on TAAPP model)
- ❖ EM task force created. Includes representatives from AAU and U of T.
- ❖ First formal teaching trip and TAAAC-EM launch: October 2010

Activities

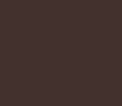
- ❖ 3-year, longitudinal curriculum
- ❖ 3x month-long teaching trips per year + senior resident elective
- ❖ ED Ultrasound
- ❖ Mentorship
- ❖ Evaluations/Examinations
- ❖ Research
- ❖ Telesimulation

Accomplishments

- ❖ *Graduation of 1st cohort of EM physicians October 2013!
- ❖ 14 successful teaching trips, 46 delegates (inc. faculty, residents, research and program staff)
- ❖ 8 collaborative research projects ongoing
- ❖ Ethiopia Society of Emergency Practitioners (ESEP)
- ❖ Financial support continues to grow – hospital practice plans, research and institutional grants, individual donations

Challenges and Opportunities

- ❖ Graduate retention
- ❖ Exit strategy, transition, or expansion?



Questions?



Thank you!



Global Health
Emergency Medicine

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TAAAC – Internal Medicine

Dr. Ahmed Reja

Dr. Abdulaziz A Sherif

Dr. Eugenia Pilotis



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First Steps

- ❖ June 2008 – initial needs assessment
 - Conference in Addis Ababa – Higher Education in Ethiopia
 - Plan for collaboration for 1-3 training programs
- ❖ Fall 2008 – UofT DOM Approval of project
- ❖ 2009 – 2011
 - Multiple site visits by UofT leads from all three programs
- ❖ April 2012 – start of three specialty training programs
 - Gastroenterology - 4 fellows
 - Hematology – 3 fellows
 - Endocrinology – 2 fellows

Activities

❖ Formal Didactic Teaching

- Weekly General Medicine Lectures
- Weekly Specialty Fellow Lectures
- Weekly Journal Clubs
- Video link to UofT Rounds

❖ Bedside teaching

- Clinics
- Wards
- Consults

Activities

❖ Procedural Teaching

- Endoscopy / Colonoscopy
- Ultrasound guided biopsy
- Bone Marrow
- Hematopathology
- Diabetic Retinopathy

❖ Mentorship in Research Projects

Challenges

❖ Small UofT Divisions

- 2 staff per trip / 4 week commitment

❖ Partnerships with other universities

– Gastroenterology

- Norwegian

– Endocrine

- Birmingham (UK)
- Temple (USA)

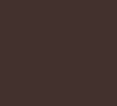
Challenges

❖ Recruitment of Fellows

- Prolonged training / Financial strains
- Return of service contracts / great need in home hospital for urgent return of specialists
- Concerns of being only subspecialist on return to home university

Opportunities

- ❖ Partnership with Pediatrics
- ❖ Peritoneal Dialysis program
- ❖ New subspecialty training programs
 - Nephrology
 - Cardiology



Successes

- ❖ 8 Fellows scheduled to graduate Spring 2014
- ❖ Multiple collaborative research projects blossoming
- ❖ Strong long lasting ties between our two Departments of Medicine

Questions?

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Family Medicine Ethiopia



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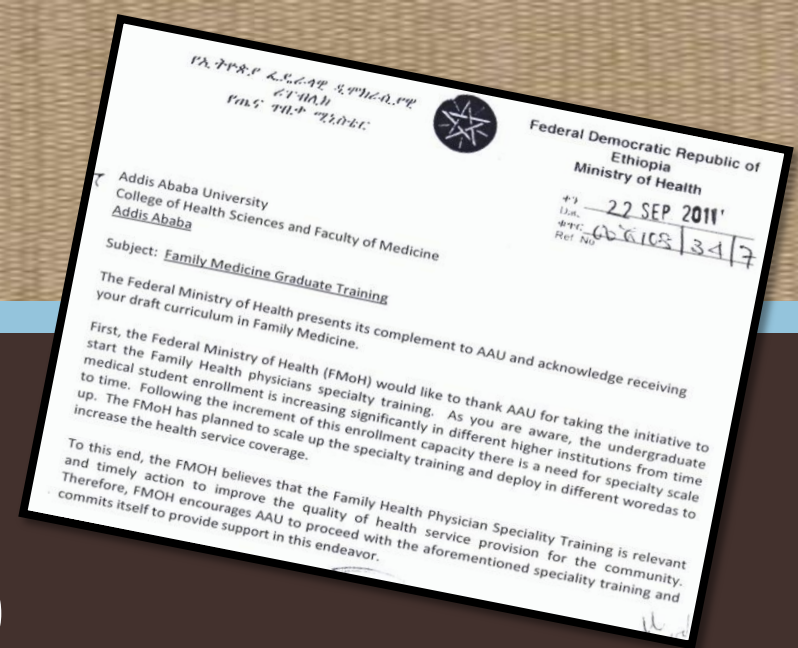
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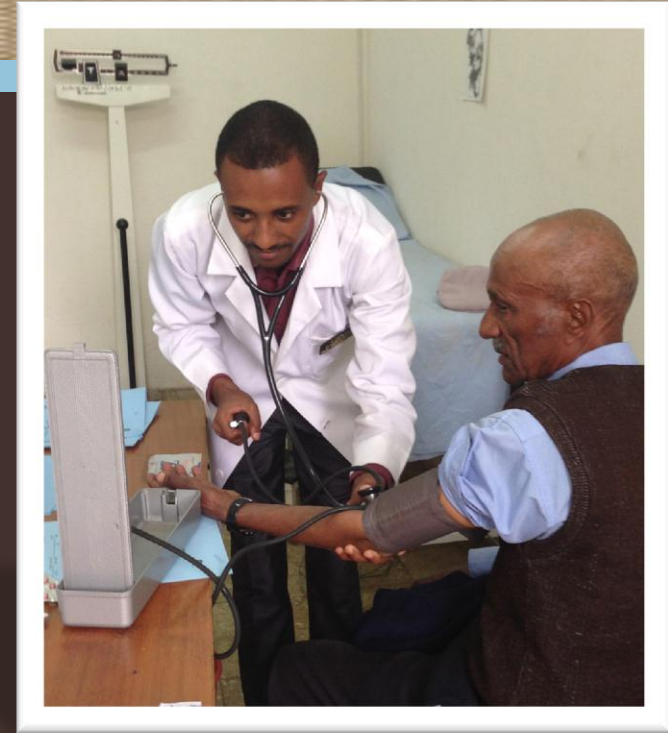
Family Medicine

- ❖ Initial discussions 2008
- ❖ FM CME 2009
- ❖ Meeting with FMOH 2010
- ❖ Time-Motion Study for needs assessment 2011
- ❖ Curriculum approved January 2012
- ❖ 3 Canadian family physicians in Addis Ababa
- ❖ Inauguration February 2013
- ❖ Eight PGY1 residents (4 men, 4 women)



Activities

- ❖ Rotations in major disciplines
- ❖ Academic Half-Day
 - One afternoon weekly
 - Focus on faculty development
- ❖ Arada Health Centre
 - One afternoon weekly
 - Emphasis on principles of family medicine



Activities

❖ Specialized training

- ALSO (Advanced Life Support in Obstetrics)
- Cervical cancer screening and treatment
- Surgical skills
- Public health and research
- Interpersonal Therapy training for mental health

Challenges and Opportunities

❖ Challenges

- Need clear understanding of characteristics of family medicine and their potential value
- Need clear delineation of role of family doctor in Ethiopian health care system

❖ Opportunities

- Expansion to other medical schools
- Strong FMoH commitment to expansion of primary care
- Dramatic expansion in number of doctors being graduated
- Transition to community-based curriculum

Questions



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The Ethiopian Canadian Nursing Collaboration

Amy Bender RN PhD



Asrat
Demissie
MSN



Amsale
Cherie PhD



A Very Brief History of the Partnership

❖ 2005-2007:

- Answered a request for help in psychiatric nursing education

❖ 2008-2009:

- answered a request for support of the Masters program & inter-organizational nursing collaboration began

❖ 2010-2013:

- 3-year partnership agreement signed

Focus on Strengthening Nursing Research Capacity

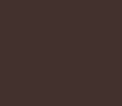
Emphasizing: sustainability & cultivation of intercultural peer/mentor relationships amongst faculty, students, & clinical nurse leaders

3-year objectives:

1. To enhance scholarship in existing MSN curriculum through seminar-based learning and individual mentoring that focuses on research proposal development and final report writing.
2. To increase the quality/rigour of final research reports of two batches of MSN students evidenced in successful defense and graduation.
3. To address professional development needs of faculty members of MSN program through collegial peer support and the sharing of material resources.

Activities & Highlights

- ❖ Classroom Teaching & Seminars
- ❖ Individual Mentorship
- ❖ E-mentoring
- ❖ Networking





AAU Class of 2012

Members

Events

Photos

Files

Notifications

+ Create Group



Write Post

Add Photo / Video

Ask Question

Add File

Write something...

About



32 members

Closed Group

What should people post in this group?



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About



32 members

Closed Group

What should people post in this group?

Add a Description

What is this group about?

Set tags

Message Invite by Email



Amy Bender

This is very overdue, but CONGRATULATIONS to all the graduates!

about 2 months ago



Like



Comment

Seen by 9

Students' reported new knowledge and skills:

- ❖ Developing confidence in conducting and documenting systematic literature searches.
- ❖ Deepened understanding of qualitative methodologies, and enhanced appreciation of the complexity of mixed methods studies.
- ❖ Ability to articulate the rationale for using a theoretical framework in research.
- ❖ Preparation to apply to doctoral programs.
- ❖ New learning regarding teaching style and strategies.

Moving forward...

- ❖ Research focused phase ending and clinical focused phase beginning
- ❖ Evaluation of first phase – course evaluations, survey of graduates, documents/trip reports, correspondence
- ❖ Clinical focus in Critical Care – 3 teaching trips beginning Feb 2014

THANK YOU!

With grateful acknowledgements,
To funders...



To educators & collaborators...



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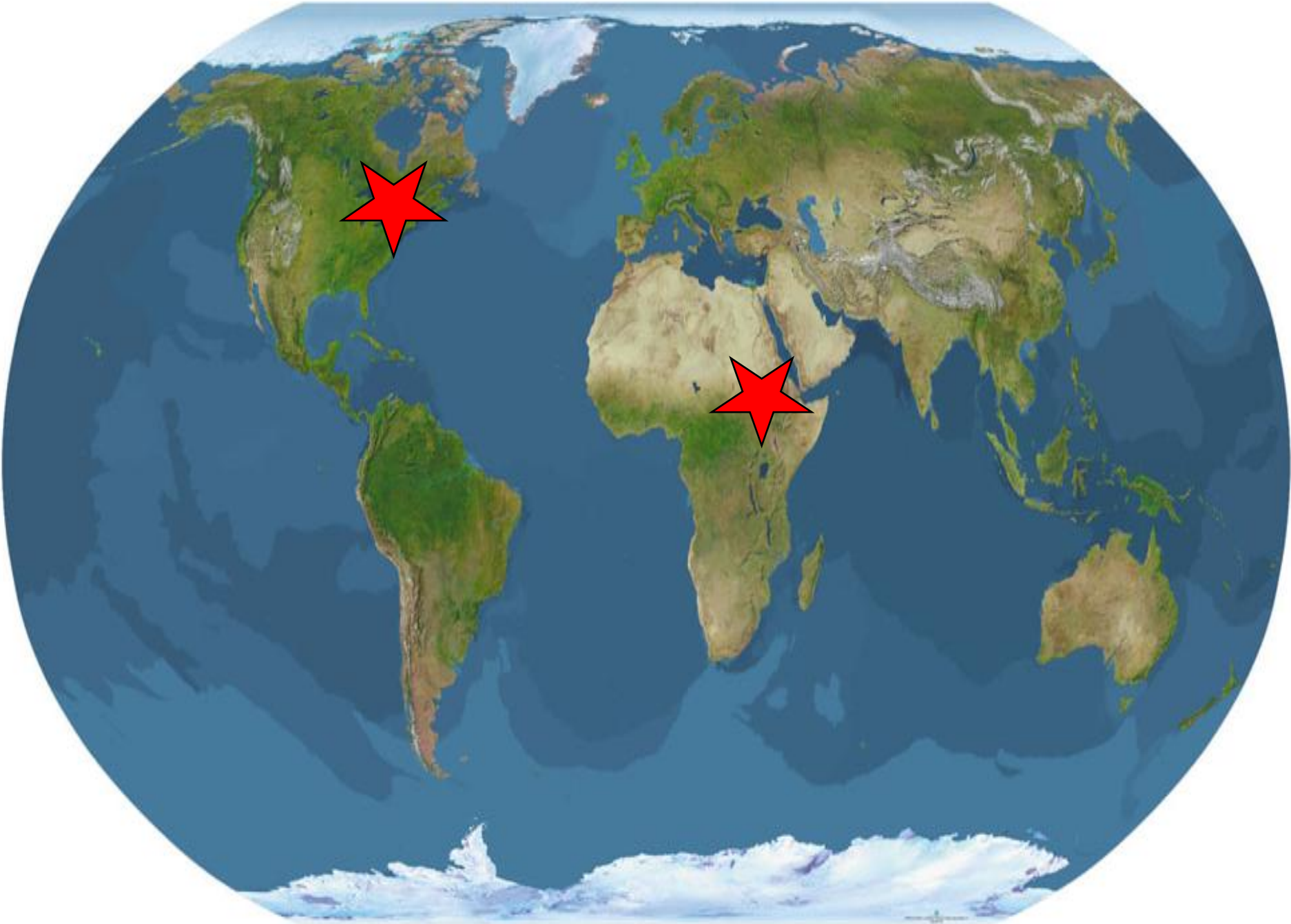


The Toronto Addis Ababa Surgery Collaboration

Mark Bernstein, MD, MHSc, FRCSC

The Greg Wilkins-Barrick Chair in International Surgery
Professor, Department of Surgery, University of Toronto
Neurosurgeon, Toronto Western Hospital, University Health
Network





Orthopedic Surgery (A. Howard)

- ❖ Pediatric orthopedic curriculum has been submitted to Addis Ababa University
- ❖ Provision of online training modules via Moodle and Surgery in Africa
- ❖ Provision of access to University of Toronto library via Ptolemy
- ❖ Several group trips and one 2 month individual teaching trip to Black Lion

Pediatric Surgery (T. Gerstle)

- ❖ There have been 5 trips to Addis to provide operative teaching including anesthesia, dental care, and nursing
- ❖ A new training program has been started in Addis with two trainees - both have applied to spend six months in Toronto in 2014 via the Prakash Scholarship. There is no funding support - enhancing the in-country training via funding is needed

Neurosurgery



Goals for Neurosurgery

- ❖ To create collaboration
- ❖ To teach there (e.g. awake craniotomy, simple research, etc)
- ❖ To bring Ethiopian colleagues over here as observers and Fellows
- ❖ To institute an on-line curriculum
- ❖ To take useful equipment there

Current Activity

- ❖ 3 trips to BLH: November 2012; March 2013; November 2013
- ❖ Personnel: neurosurgeons, anesthetist, OR nurses, resident, medical student
- ❖ We have taught: a) awake craniotomy for tumour (surgery, anesthesia, nursing); b) qualitative research - 3 studies; c) on-line neurosurgery course

Observers and Fellows

- ❖ 3 Ethiopians (2 residents and the Chief of Neurosurgery) were observers at Toronto Western Hospital August 24 - September 7, 2013
- ❖ One of the 3 staff neurosurgeons at BLH will be a Clinical Fellow in Neurosurgery at TWH July 1, 2014 – June 30, 2015





The Future

- ❖ More visits there with more Toronto neurosurgeons and others going
- ❖ More observers and Fellows coming from Addis to Toronto
- ❖ More collaborative research projects
- ❖ Equipment transfer – e.g. surgical navigation system, cortical stimulator

Thanks to the Greg Wilkins - Barrick Chair



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