



# **Workshop on Family Medicine Fellowships in Global Health: Mission, Competencies, Funding, Evaluation**

**2012 AAFP Family Medicine  
Global Health Workshop  
Sept 5<sup>th</sup> 2012**

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# PRESENTERS

## **University of Minnesota & Kenya Institute of Family Medicine**

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## **Contra Costa Stinson Global Health Fellowship**

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## **Brown University Family Medicine Global Health Faculty Development Fellowship**

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# Learning Objectives

- Describe different missions/goals of Global Health Fellowship programs
- Identify specific knowledge, attitude and procedural skills competencies
- List possible funding strategies
- Describe evaluation and accreditation strategies for trainees & fellowship programs
- Identify opportunities for collaboration and mutual support

# Workshop Outline

- Welcome and Introductions
- Core Competencies
- Funding Mechanisms & Accreditation Program
- Challenges & Possible Solutions Breakout Sessions
  - Core Competencies (Todd, Scott)
  - Role of in country practicum (Bruce & John)
  - Role of fellows as educators (Fadya & Gowri)
  - Evaluation methods (Nicholas)
- Report from breakout sessions
- Wrap Up

# Goals of Fellowships

- Train Graduates for Careers in Service
  - Direct Service in resource limited settings
  - Staff Mission Hospitals and Clinics
- Train Graduates as Faculty for newly emerging FM training programs



# Core Competencies: OB/Peds

- Obstetric Skills
  - High risk Intra-partum Care
  - C-Section, Competency vs. First Assist
  - Reproductive Health Procedures
  - Ultrasound (as operator)
  - Maternal Child Health
- Pediatric Skills
  - Neonatal nursery skills
  - Treatment of Malnutrition

# Core Competencies:

- Surgical Skills
  - Surgery First Assist
  - Abdominal exploration/ appendectomy/ splenectomy
  - Burn debridement /simple skin grafting
  - Endoscopy
  - Trauma (surgical service)
  - Ultrasound (abdomen and pelvis as operator)
- Anesthesia
- ER (Trauma procedures)
- Orthopedic (closed reductions fx & dislocations)

# Tropical Medicine & ID

- ID Clinical Training
- HIV in US Primary Care
- Disaster Medicine
- Am Society of Tropical Medicine & Hygiene coursework vs. formal Certificate
- Radiology/Lab (able to perform/interpret basic diagnostic tests)



The American Society of  
Tropical Medicine and Hygiene  
Advancing global health since 1903



# Tropical Medicine

- Emphasize the concept of *diseases of poverty*
- Assure supervised preceptorships with experienced mentors over didactics
- Implement rapid tests for malaria, HIV, leishmaniasis, schistosomiasis, filariasis...
- Include chronic non-infectious disease management
- Integrate disease prevention & community development throughout



# Public Health

- Include community health survey experience
- Emphasize cross-cultural skills
- Create health promotion strategies that include literacy and economic development
- Make an ongoing commitment
- Let learners see PH in action



# Teaching and Curriculum Development Skills (Basic vs. Advanced)

- Teaching and Clinical Supervision
  - Inpatient attending
  - Precepting
  - Small group teaching
  - Lecture
  - Mentoring senior learners to teach
- New Curriculum Development
  - Goals & objectives, teaching methods, structure, etc
  - Adapting to existing educational system (eg. British model)
  - Assessing and utilizing available resources
- Curriculum evaluation
- Learner assessment – formative & summative



# Scholarly Skills (Basic vs. Advanced)

- Public Health Seminars vs. formal MPH
- Scholarly Work vs. **Research**
- Research Skills
  - Project Design
  - Evaluation Methods
    - Quantitative
    - Qualitative
  - Statistics
- Presentation Skills
- Publication Skills
- Grant writing Skills

# Funding

## Costs:

- Salary & benefits
- Malpractice
- International Practicum
  - Travel
  - Housing etc.
  - Receiving institution/faculty
- ? MPH
- Faculty Time

## Challenges:

- Cost of Malpractice
- Coverage during practicum
- Sustainability (who pays the faculty)

## Sources of Funding:

- Foundation support
- Patient care revenue
  - Community Health Center
  - Academic Practice
  - Precepting/Inpatient attending
  - Locum Tenens/ER



# Accreditation/Oversight

- GME Committee
  - University based
  - Department based
  - Hospital based
- ACGME/AAFP??
- INMED – newly formed independent accrediting body



# **Program Challenges & Possible Solutions**

Breakout Sessions (15 min each)

- Core Competencies (Todd, Scott)
- In-country practicum (Bruce & John)
- Fellows as educators (Fadya & Gowri)
- Evaluation methods (Nicholas)



# **Report from Breakout Sessions & Wrap Up**

# CONTACT INFORMATION

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