



# Global Health Education

in the Age of Globalization and Travel

## Global Health Education: Training in a World with No Borders

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Department Global Health  
JPS Family Medicine Residency

*John O. Gibson, MD FAAFP  
CTropMed*



# Effects of Globalization

- Immigration
- Refugee Re-settlement
- Free Trade and Global Economy
- Global Tourism: general and medical
- 2 Billion travellers per year

# AEC 2015

- The next step of economic integration
- ASEAN to be a single market and production base by 2015. ASEAN + 6 + 1
- Goals:
  - elimination of tariffs and duties
  - free movement of professional labor
  - faster customs clearance procedure.
  - greater market access to trading partners
  - attract foreign direct investments to ASEAN

# AEC 2015 (cont)

- ASEAN shall act in accordance to the principles of an open, outward-looking, inclusive and market-driven economy
- ASEAN Member States include Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Philippines, Singapore, Thailand, Myanmar and Viet Nam. +6 (Australia, New Zealand, China, India, South Korea and Japan)
- Extension to all of Asia (and beyond: US)
  - Talks currently underway to include US

# Globalization of Medical Care

- Medical Tourism/Consumerism
  - Thailand and India are leading the way
- The AEC would pave the way for the free flow of skilled labour in eight professions comprising **doctors, dentists, nurses**, engineers, architects, accountants, surveyors and the tourism industry

# Challenges for the ASEAN & International Community

- *Training doctors, dentists, nurses with a Global perspective and desire for mobility*
- Knowledge base for diverse medical issues
  - Tropical disease and regional disease differences
  - Differences in public health issues and delivery systems
  - Language and culture learning and plasticity
- Ensuring standards in competency and quality
- Regional and Global accreditation

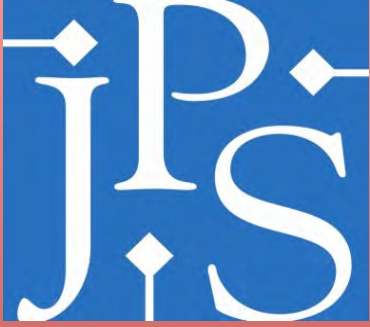
# Family Medicine and Global Medical Marketplace

## • Primary Care Importance

- Navigation of Complex medical systems
- Aging Populations
- Increasing burdens of Chronic Disease
- Quality, Prevention and cost effectiveness:

*American Healthscare, by Richard Young, MD*

- Improved Re-imburement
- Higher Job Satisfaction



# JPS Family Medicine: A Global Perspective



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CTropMed*





# Resurgence of Family Medicine at JPS

- Statistics for FM over last 4 years
- Increase in Applications over last 4 years with Interest in Global Health and OB Fellowship
- 22 New Positions per year, 80 total residents
- Over 300 Applications from US Grads / This Year
- All Positions Filled US grads in Match 6 years running
- Average USMLE scores increased: Average Step 2 score for new entering intern class: 240 !



# Global Health Program JPS

- Formal Program Initiated in 2008 with recruitment of Faculty to Develop Global Health Track and Fellowship
- 50 hours Tropical Medicine Lectures per year
- IHC: Refugee and travel medicine clinic
- Participation in Global Health conferences
- International Rotations: Israel, Ghana, PNG Uganda, Russia, Thailand, Haiti, (+INMED)



# Immigration and Global Health Education at JPS

- **JPS Family Medicine Refugee Health Clinic**
  - 10 to 15,000 Refugees resettled / year in DFW
  - 40 to 50 patients a day
  - Staffed by Global Health tract residents
  - Primary Faculty: Dr Gibson and Dr Hadley
    - Plus Slee, Paik, Kumar et al



# Immigration & Travel Medicine Clinic JPS

- Cases encountered in last few months:
  - Malaria (8 to 10 patients) 3 ICU admits (no deaths)
  - Shistosomiasis ( 6 cases )
  - Filariasis (Elephantiasis)
  - Amoebic Liver abscess (many cases)
  - CHF from Chagas disease
  - Cutaneous Larva Migrans
  - Persistent diarrhea post travel
  - Helminthic infestations etc.



# Immigrant Health at JPS



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# Understanding Different Cultures and Peoples



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CTropMed*

# Strong Emphasis on Maternal Health and Ultrasound Training



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# Residents Prepared for Global Medicine

## Graduates JPS Global Health Fellowship:

- Rural practice in Texas and Midwest US
- Doctors without Borders
- Medical Missions
  - Ivory Coast
  - Ghana
  - Zambia
  - Papua New Guinea
  - Liberia
- Faculty in International Residency Programs
  - Africa
  - Laos
  - Thailand





# Goals for Global Health Training JPS

Broad Scope Generalist Training: applicable to rural/global/underserved everywhere

Cross Cultural Competency

Desire to Serve in Medically Underserved Locations

Promote and Facilitate FM Education Around the World

Cultivate Friendship with Colleagues Around the World

Learn Skills in Tropical Disease and Procedures

# Recognition of Expertise



- Global Health Track Leading to Certificate in Global Health
- Application in Process with ASTM&H as Diploma Course ( Trop Med and Travel )
- In Concert with Advanced Procedural and Obstetric Training
- MPH Global Health/Tropical Medicine
- Opportunities for Faculty Development



# Global Medical Education

Training Doctors for No Borders



## Partnerships in Russia, Ghana, Thailand and Uganda.

- **Planning for regional and global needs**
  - Family Medicine, Primary Care, Disease Management
  - Knowledge in clinical tropical medicine and travel health
  - Cross-Cultural and language Skills
  - ACGME Certification and Accreditation



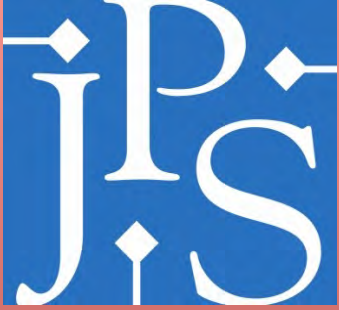
# Thai Medical Education

## Joint Primary Care Training Project in Thailand



### *New FM Residency at S.U.T.*

- **Planning for regional and global needs**
  - Family Medicine and Primary Care
  - Knowledge base in clinical tropical medicine and travel health
  - Cross-Cultural and Language Skills
  - ACGME Certification and Accreditation



# Areas of Global Health Cooperation



- Student and Resident Exchange
- Faculty Development and Exchange in Family Medicine, Sports Medicine, Geriatrics, etc.
- Multicenter Primary Care Research
- CME and Short Course Workshops

# Future Vision & Conclusions

- **Medical, Social and Cultural Competency for Global Medicine both U.S. and Global Partners**
- **Competitive edge in new Global Free trade zones**
- **Ensurance of quality and accreditation**
- **Preparation of Future Teachers in FM with Global perspectives: Teachers without Borders !**
- **Change Agents in Global Health: Local, Regional, National and Global Scope**
- **Build Personal personal relationships, networking for professional development**
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