Institutionalizing Program-Wide Training and Mentoring

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Role of Global REACH

• REACH = Research Education And Collaboration in Health
• Focus Constituents:
  – UM Medical School Faculty and Trainees
  – Key global partners
  – Other UM partners

Medical Student Opportunities

Framework

• The Role of Global REACH
• Medical Student Opportunities
• Other Training / Mentoring Opportunities
• What are some "lessons learned"?
Faculty Led Trips

• 6 Sites for 2014-2015
  – Bangladesh, Bolivia, Brazil, China, Kenya, Uganda
• Biennial application process for faculty to serve as mentors
• $10,000 in project costs + $3000-$4000 per selected student
• Annual application process for students to be selected

Faculty Led Program in Dhakha, Bangladesh

• The genetic basis of deafness in Bangladesh
• Mentor: Glenn Green, Department of Otolaryngology
• 4 M1 Students

Faculty Led Program in Laz Paz, Bolivia

• Improving chronic illness care in Bolivia using mobile health tools
• Mentor: John Piette, UM School of Public Health
• 5 M1 Students

Faculty Led Program in São Paulo, Brazil

• Research with the ROC community-based cohort study in the western region of São Paulo
• Mentor: Michele Heisler, Department of Internal Medicine
• 4 M1 Students
Faculty Led Program in Beijing, China

- Research with Peking University People’s Hospital Liver Clinic - Care of Patients with Liver Diseases: A Comparative Study Between the US and China
- Mentor: Anna Lok, Department of Internal Medicine
- 4 M1 Students

Faculty Led Program in Meru, Kenya

- Clinical Research Training in Meru, Kenya
- Mentor: Dan Clauw, Department of Anesthesiology
- 5 M1 Students

Faculty Led Program in Kampala, Uganda

- Cognitive and Family Intervention Trials, especially focused on HIV affected children
- Mentors: Bruno Giordani (UMMS), Department of Psychiatry, Michael Boivin (MSU)
- 4 M1 Students
Beyond the Faculty Led Programs…

Other Options for M1 Year

- MHIRT (Minority and Health Disparities International Research Training Program)
  - Mentored research
  - Ghana, China, Chile, Jamaica, Kenya
  - Small groups, ¼ graduate; ¾ undergraduate
  - All expenses paid + stipend
  - [http://chgd.umich.edu/research/mhirt/application/](http://chgd.umich.edu/research/mhirt/application/)

Other Options for M1 Year

- Summer Biomedical Research Program:
  - Independent, hypothesis driven research
  - Funds mostly domestic but some international projects with UM mentor
  - ~$4000 per student project

Other options for M1 year

- Global Health and Disparities Track:
  - Formal global health and disparities extra-curricular pathway for M1 – M4s
  - Small-group mentorship
  - Additional lectures and seminars focused on global health disparities
  - Capstone project requirement
“Gap” Year: Focusing on global health b/t M3-M4

- M3 Year
  - Fogarty International Center 1-year fellowships
  - Doris Duke Foundation fellowships
  - Master’s in Clinical Research with a global focus
  - Centers for Disease Control Internship
    - [http://www.globalhealthfellowships.org/index.html](http://www.globalhealthfellowships.org/index.html)
    - [http://globalreach.med.umich.edu/](http://globalreach.med.umich.edu/)

- M4
  - 1-month elective overseas
  - Various specialties
  - Various locations
  - Each year between 20 and 50 students complete international rotations
  - Global REACH offers travel grants for these experiences
  - GHD students are eligible for additional $
Research Training Grants

  - 1-year interdisciplinary research training grant for post-doctoral fellows from US and Ghana
  - 6 mo in Ann Arbor
  - 6 mo in Ghana

Lessons Learned....

- Trainees are powerful drivers
- A little funding can go a long way
  - $1,000 for electives
  - $10,000 for faculty seed grants
  - $3,000 - $4,000 for M1 summers
- But there will never be enough money

Lessons Learned....

- Pick strategic partnerships to maximize / leverage benefits
- Bet on winning horses
- Acknowledge need for shared funding
- Support faculty passions → Grants

What are some lessons learned?
Framework

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• What are some “lessons learned”?  

Thank you!