Mind the Gap: Lessons from One Board’s Focus on Global Health

Sabrina Butteris, MD and Valerie Haig
September 26, 2017
Overview

• What is Global Health (GH)?
• Why should boards care?
• Evolution of ABP GH initiatives
  • International In-Training Examination (I-ITE)
  • Global Pediatric Education Consortium (GPEC)
  • Global Health Task Force (GHTF)
• Q & A
Who Are We?
Who Are You?
A New Era

“Global health is an area for study, research and practice that places a priority on improving health and achieving equity in health for all people worldwide. It emphasizes transnational health issues, determinants and solutions; involves many disciplines within and beyond the health services and promotes interdisciplinary collaboration.”
Last year, 5.9 million children died before their 5th birthday (16,000 per day)

Liu et al Lancet 2014
Drivers

• Surgical access
• Safe anesthesia
• Emergency systems & care
• Access to critical care
• Subspecialty care & education
Theme: Collaboration and Partnership
Strategic Planning Retreat
- ABMS-I; ACGME-I
- International Working Group
- I-ITE pilot
- Global Pediatric Education Consortium (GPEC)

2008

2009-2012
- I-ITE launch
- GPEC supports:
  - Annual Global Pediatric Summit
  - Development of Global Pediatric Curriculum
- ACGME-I Singapore (where else?)
- ABMS-Singapore

2013-Present
- I-ITE enhancements
- GPEC new phase
- Global Health Task Force (GHTF)
• Strategic Planning Retreat

• 4 Outcomes:
  • Form International Working Group
  • Work with ABMS-I to provide certification exams to countries seeking ACGME-I accreditation
  • Develop International In-Training Examination (I-ITE)
  • Form Global Pediatric Education Consortium (GPEC)
• Strategic Planning Retreat
• ABMS-I; ACGME-I
• International Working Group
• I-ITE pilot
• Global Pediatric Education Consortium (GPEC)

2008

2009-2012
• I-ITE launch
• GPEC supports:
  • Annual Global Pediatric Summit
  • Development of Global Pediatric Curriculum
• ACGME-I Singapore (where else?)
• ABMS-Singapore

• I-ITE enhancements
• GPEC new phase
• Global Health Task Force (GHTF)

2013-Present
2008 I-ITE Pilot

- American University of Beirut Medical Center
- 33 resident trainees
- ABP IT staff developed internal platform for one-time delivery
• Strategic Planning Retreat
• ABMS-I; ACGME-I
• International Working Group
• I-ITE pilot
• Global Pediatric Education Consortium (GPEC)

2008

2009-2012
• I-ITE launch
• GPEC supports:
  • Annual Global Pediatric Summit
  • Development of Global Pediatric Curriculum
• ACGME-I Singapore (where else?)
• ABMS-Singapore

2013-Present
• I-ITE enhancements
• GPEC new phase
• Global Health Task Force (GHTF)
I-ITE Launch – Considerations & Mitigations

• Cost

• Technical Support

• Translation

• And...
Test Security Measures

2009-2014

• Secure internet browser
• 3 retired exams dedicated to international programs

2015-present

• Secure internet browser
• New exam form each year
• Incorporate test security analysis and reports for programs with performance anomalies
• Internal item analysis to check for performance drift
Results/Score Reports

**Program Director Reports**
- Result Roster
- Performance Comparison Report
- Item Analysis Report

**Resident Trainee Reports**
- Category Performance Report
- Resident Score and Item Feedback Report (w/Content Feedback Statements)
I-ITE Participation 2008-2017
### I-ITE Participation

Exam year begins in July and ends in June. This provides more flexibility for programs who wish to test at the beginning of their academic year, as US programs do, and allows us to capture a more accurate snapshot in our comparison reporting.

<table>
<thead>
<tr>
<th>Country</th>
<th>2015/16 Programs</th>
<th>2015/16 Residents</th>
<th>2016/17 Programs</th>
<th>2016/17 Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bahamas</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>14</td>
</tr>
<tr>
<td>Italy</td>
<td>10</td>
<td>418</td>
<td>8</td>
<td>346</td>
</tr>
<tr>
<td>Kuwait</td>
<td>1</td>
<td>60</td>
<td>1</td>
<td>50</td>
</tr>
<tr>
<td>Lebanon</td>
<td>2</td>
<td>57</td>
<td>3</td>
<td>74</td>
</tr>
<tr>
<td>Oman</td>
<td>1</td>
<td>54</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Qatar</td>
<td>1</td>
<td>63</td>
<td>1</td>
<td>57</td>
</tr>
<tr>
<td>Rwanda</td>
<td>1</td>
<td>50</td>
<td>1</td>
<td>48</td>
</tr>
<tr>
<td>Singapore</td>
<td>2</td>
<td>105</td>
<td>1</td>
<td>117</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>3</td>
<td>95</td>
<td>3</td>
<td>111</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21</strong></td>
<td><strong>902</strong></td>
<td><strong>19</strong></td>
<td><strong>817</strong></td>
</tr>
</tbody>
</table>
Success Story: Rwanda

- 2012 Human Resources for Health Program
- Collaborative effort
- I-ITE administered to the pediatric residents throughout the program to gauge improvement
- Strategic Planning Retreat
- ABMS-I; ACGME-I
- International Working Group
- I-ITE pilot
- Global Pediatric Education Consortium (GPEC)

2008

2009-2012
- I-ITE launch
- GPEC supports:
  - Annual Global Pediatric Summit
  - Development of Global Pediatric Curriculum
- ACGME-I Singapore (where else?)
- ABMS-Singapore

2013-Present
- I-ITE enhancements
- GPEC new phase
- Global Health Task Force (GHTF)
Global Pediatric Education Consortium

• ~20 delegate organizations represented

• Activities/products
  • Yearly Global Pediatric Summit
  • Assessment toolbox linking to RCPCH resources
  • Global Pediatric Curriculum

• Primarily international focus vs. domestic (US) focus

www.globalpediatrics.org
• Strategic Planning Retreat
• ABMS-I; ACGME-I
• International Working Group
• I-ITE pilot
• Global Pediatric Education Consortium (GPEC)

2008

2009-2012
• I-ITE launch
• GPEC supports:
  • Annual Global Pediatric Summit
  • Development of Global Pediatric Curriculum
• ACGME-I Singapore (where else?)
• ABMS-Singapore

• I-ITE enhancements
• GPEC new phase
  Global Health Task Force (GHTF)

2013-Present
Global Health Task Force
(GHTF)
2013 ABP GHTF Charge

To advise the ABP Board of Directors and staff as it seeks to develop a reasonable agenda for expansion into the international arena around its core mission – training assessment, certification, and quality improvement and continuing professional development. To forge opportunities around the core missions that are mutually beneficial to the international pediatric community and the ABP, and to identify strategic partners to accomplish that mission at an international level.
Recommendations

Recommendations made to ABP BOD

1. Convene a pediatric GH leadership conference
2. Develop a Program Directors Guide
3. Improve the knowledge base of ABP diplomates with regard to global health and its place in US pediatric practice
2015 GH Leadership Conference

• Goal: Bring together pediatric leaders in the GH field to join efforts, establish common goals, and develop strategies for future directions for improving global health study and practice in the United States and abroad

• ABPF & AAP joint sponsorship

• 48 participants (US, Canada, Australia, Liberia)

• Representation:
Statement of Commitment

The health of children across the world is critical to improving the continued existence of our world as we know it. Therefore, this outcome is the responsibility of every pediatrician, department of pediatrics, and pediatric governing body.
GHTF Work Groups

• Academics
• Dissemination & Advocacy
• Partnerships
• Practitioners
• Publication
• Trainees
2016 Primary Objectives
Key Messages

• All pediatricians should have a basic understanding of global child health

• Every program that is sending residents or faculty abroad should have preparation curricula

• To establish a GH program/track there are some key basic needs/investments

• There is a collective body of experience among pediatric programs in the US to help facilitate/inform high quality GH experiences
### Publications

<table>
<thead>
<tr>
<th>Authors</th>
<th>Pediatrics State-of-the-Art-Review Manuscript Title/Topic</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD</td>
<td>Introduction to the SOTA Series (Commentary)</td>
<td>To be solicited by journal</td>
</tr>
<tr>
<td>Steenhoff, Batra, et al</td>
<td>Partnerships for Global Child Health</td>
<td>Accepted</td>
</tr>
<tr>
<td>St Clair, Butteris, et al</td>
<td>Global Health: Preparation for Working in Resource-Limited Settings</td>
<td>Accepted</td>
</tr>
<tr>
<td>Gladding, John, et al</td>
<td>The Role of North American Departments of Pediatrics in Improving Global Child Health</td>
<td>Submitted</td>
</tr>
<tr>
<td>Arora, O'Callahan, et al</td>
<td>Pediatricians and Global Health: Opportunities and Considerations for Meaningful Engagement</td>
<td>Submitted</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Authors</th>
<th>Pediatrics Global Health Monthly Feature Title/Topic</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitt, et al</td>
<td>Supporting Global Health at the Pediatric Department Level – Why and How</td>
<td>In Print</td>
</tr>
<tr>
<td>Arscott-Mills</td>
<td>Expanding the Impact of MOC to GH (title TBD)</td>
<td>In Prep</td>
</tr>
<tr>
<td>Gladding, Lowenthal</td>
<td>Review of outcome/evaluation measures for global health educational programs (title TBD)</td>
<td>In Prep</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Authors</th>
<th>Journal of Pediatrics AMSPDC Articles</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batra, Butteris, John, Klein, St Clair</td>
<td>Summary of September 2016 AMSPDC Webinar</td>
<td>In Prep</td>
</tr>
</tbody>
</table>
2017 Priorities

• Develop MOC content for GH
• Publish manuscripts
• Finalize Program Director’s Guide
MOC Part 2

- Immigrant and Refugee Health Self-Assessment
  - Fall 2017

- Ethics and Professionalism in Global Health Self-Assessment
  - Early 2018
MOC Part 4

Four Core Practices of Global Health Partnerships

- Communication
- Leadership
- Conflict Resolution
- Evaluation

Seven Guiding Principles of Global Health Partnerships

- Mutual Benefit
- Humility
- Sustainability
- Prevention of Adverse Impact
- Inclusivity
- Social Justice
- Equity

Steenhoff et al, Pediatrics, in press
APPD/ABP Fellowship Survey

GLOBAL PEDIATRIC Fellowship 2017

GLOBAL SICKLE CELL DISEASE NETWORK
Program Directors Guide to GH

Back to Table of Contents

Global Health in Pediatric Residency Education: A Program Director’s Guide

EDITOR
Nicole St Clair, MD, University of Wisconsin-Madison

CHAPTER AUTHORS
Sumeet Banker, MD, MPH, Columbia University
Sabrina Butcher, MD, University of Wisconsin-Madison
Tanja Condurache, MD, MSc, University of Louisville School of Medicine
Jill Helphinstine, MD, Indiana University
Heather Lukolyo, MD, MPH, Baylor College of Medicine
Stephanie Martin, MD, Baylor College of Medicine
Patricia (Trish) McQuillin, MD, University of Massachusetts Medical Center
Michael Pitt, MD, University of Minnesota
Christiana Russ, MD, Boston Children’s Hospital
Charles (Chuck) Schubert, MD, Cincinnati Children’s Hospital and Medical Center
Gordon Schutz, MD, Baylor College of Medicine
Nicole St Clair, MD, University of Wisconsin-Madison
Omolara Uwemedimo, MD, MPH, Cohen Children’s Medical Center of New York
Jennifer Watts, MD, MPH, Children’s Mercy Kansas City

CONTRIBUTORS & REVIEWERS:

American Board of Pediatrics Global Health Task Force Trainee Workgroup
Association of Pediatric Program Directors (APPD) Global Health Pediatric Education Group
Executive and Steering Committees & members of APPD leadership
American Academy of Pediatrics Section on International Child Health Executive Committee
American Board of Pediatrics Education and Training Committee, Foundation, staff and members of leadership

On behalf of the American Board of Pediatrics Global Health Task Force
Lead: Sabrina Butcher (University of Wisconsin-Madison)
Members: Mawehi Bate (University of Wisconsin), Christopher Currie (AP), Chand Yolande John (Indiana University), Jonathan Klein (AAP), David Nichols (AP), Clif D’Alvaher (MedStar Hospital), Andrew Steenolith (Children’s Hospital of Philadelphia), Nicole St Clair (University of Wisconsin-Madison)

Back to Table of Contents

CONTENTS

PAGE
Acknowledgments
4
Abbreviations
5
Summary of key points
8
INTRODUCTION – Global health education in medical training
11
Mike Pitt, MD
BACKGROUND – Training globally-minded pediatricians
13
Nicole St Clair, MD
CHAPTER 1 – Global health education in pediatric residency programs: core considerations
15
Nicole St Clair, MD & Jennifer Watts, MD, MPH
CHAPTER 2 – Global health training at home: implementation and mentorship
19
Sumeet Banker, MD, MPH & Jill Helphinstine, MD
CHAPTER 3 – Local/global health
33
Tanja Condurache, MD, MSc, Heather Lukolyo, MD, MPH & Jennifer Watts, MD, MPH
CHAPTER 4 – Going global: training program preparation
39
Nicole St Clair, MD, Sabrina Butcher, MD & Omolara Uwemedimo, MD, MPH
CHAPTER 5 — Going global: trainee preparation
53
Nicole St Clair, MD
CHAPTER 6 – Evaluation: who, what, where, why, and how
58
Stephanie Martin, MD & Gordon Schutz, MD
CHAPTER 7 – Accreditation considerations
62
Gordon Schutz, MD
CHAPTER 8 – Fellowship and career opportunities in global health
64
Trish McQuillen, MD, Chuck Schubert, MD, & Jennifer Watts, MD, MPH
CHAPTER 9 – Partnerships and bidirectional trainee exchanges
66
Mike Pitt, MD, Trish McQuillen MD & Christiana Russ, MD
CHAPTER 10 – Readiness assessment for global health training
75
Mike Pitt, MD

REFERENCES
76
Moving Forward

• Finalize & disseminate PD Guide
• AMSPDC Spring Meeting
• Publications
• Fellowship Guide?
Strategy

- SOTA Done/Published
- PD Guide
  - Trainees
  - Fellowship Guide (vs procedure)
  - Mentees
- MLC Part 2
  - Focus (tissue,放映)
- MLC Part 4
  - Training
  - National collaboration
- Raise awareness in GHMMM in MLC
- Define outcomes to study
- SBP - methods to improve
- Defensive environment
- GHHF
- AMS-PDC Spring meeting
- GHHF
- Features of competencies related to GHHF
  - For all? Specialty?
  - Ways to close gap: What is needed vs provided

AMS-PDC webinars written up
- GHHF
- Core competencies
- Trainees
- Core components of a track
- GHHF
Program: Global Health Task Force
Situation: Practicing Pediatricians

Inputs
- Volunteers: GHTF & 6 Workgroups
- ABP Staff: Linda Althouse, Laurel Leslie, Virginia Moyer, David Nichols, Valerie Haig, Lia McCall
- Funding: 1-2 day meeting per year with travel and honoraria

Outputs
- Practitioners WG
  - SOTA Practicing Pediatricians writing group
  - Janine Young
  - Andrea Green
  - Virginia Moyer/Marianne Will (MOC)
  - Practitioners WG
- Osasyme Ekhaiguere
  - Lisa Umphrey
  - Gil O’Callahan
  - Moyer/Marianne Will (MOC)
  - Practitioners WG

Activities
- Practitioners WG
  - AAP SOICH
  - AAP Research Team

Potential follow up survey to the AAP Periodic Survey to assess current gaps/needs

Outcomes
- Short
  - Develop practice-themed SOTA Review manuscript
  - Develop Part 2 Self-Assessment around Immigrant and Refugee Health

- Medium
  - Publish practice-themed SOTA Review in Pediatrics
  - Publish Immigrant and Refugee Health Self-Assessment in physician portfolio for Part 2 credit and CME
  - Publish Ethics and Professionalism in GH Health Self-Assessment in physician portfolio for Part 2 credit and CME

- Long
  - Develop a plan to address gaps and needs identified in the survey and subsequent publication
  - ABP diplomates gain an understanding of how best to care for immigrant and refugee populations
  - ABP gains a better understanding of the needs and interests of diplomates by SA participation rates
  - ABP diplomates gain a better understanding of best practices for GH experiences abroad

ABP diplomates gain a better understanding of key principles and GH partnerships

ABP diplomates gain a better understanding of the needs/interests of diplomates with respect to GH partnerships

GH partnerships improve based upon results of the evaluation template

Improve the knowledge base of ABP diplomates with regard to GH and its place in US pediatric practice
Drive Outputs

Program: Global Health Task Force
Situation: Pediatric Training

<table>
<thead>
<tr>
<th>Inputs</th>
<th>Outputs</th>
<th>Activities</th>
<th>Short</th>
<th>Medium</th>
<th>Long</th>
</tr>
</thead>
</table>
| Volunteers: GHTF 6 Workgroups
ABP Staff:
Linda Althouse
Laurel Leslie
Virginia Moyer
David Nichols
Valerie Haig
Lia McCall
Funding:
1 2-day meeting per year including travel and honoraria
| Trainees WG
APPD, AAP, ACGME, ABP Education & Training Committee
SOTA Preparation writing group | Develop a Program Directors Guide to include:
- Guidelines for creating GH training tracks
- Guidelines for incorporating GH into fellowship training
Develop preparation-themed SOTA Review manuscript | Publish Program Director's Guide to GH Education in Residency Training
Publish preparation-themed SOTA Review in Pediatrics | Residency and fellowship directors understand and follow guidelines for developing GH training/track
Pediatric trainees have access to high quality GH education/experiences
Pediatricians and pediatric trainees are better prepared for work in resource-limited settings |
Lessons Learned

- Passion
- Urgency
- Composition
- Goals/key deliverables & deadlines
- Connection/frequency
- Fun
“Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has.”

~ Margaret Mead
For more information, questions, or comments, please feel free to contact us at global@abpeds.org.