APPD Global Child Health Educators

Spring 2012

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University of Wisconsin-Madison
The Next 1.5 Hours
- history in the making! -

• Overview
  – Foundational work (where have we been?)
  – Vision (where are we going?)

• APPD & GH Educators
  – Infrastructure, engagement, priorities (how do we get there?)

• Work Groups
  – Tangible next steps (where do we start?)
Development of National Pediatric Global Health Curriculum Objectives

AAP Residency Global Health Education Working Group Established

Pediatric Objectives Published by GHEC*

Pediatric Residency Objectives Developed

Multidisciplinary expansion

Publication of 2nd edition of GHEC* Guidebook

2006   2007   2008   2010

*Global Health Education Consortium

Slide adapted from CUGH presentation, 2010 (Anspacher, St Clair, Gorstein & Denno)
Supplemental Learning Experience: International Child Health

These competency-based goals and objectives have been developed by the AAP Section on International Child Health working group on Pediatric Resident Education. They were developed to address the lack of standardized guidelines for international health training in pediatric residencies. These curriculum objectives are intended as comprehensive guidelines for pediatric residency programs offering some organized form of training in global or international health, which might include a didactic curriculum, international experience, or both. They are not meant to be prescriptive or encourage requirements for residency programs in any way. Residency programs directors are encouraged to review these guidelines and adapt to the needs of the individual residency program. Individual residents are encouraged to utilize and adapt these guidelines to assess their progress in meeting these objectives throughout residency training.

Primary Goals

GOAL: International Child Health. Understand general principles related to health of children in developing countries and how these principles apply to underserved populations in the U.S.

PEDIATRIC COMPETENCIES

Competency 1: Patient Care
Provide family-centered patient care that is development- and age-appropriate, compassionate, and effective for the treatment of health problems and the promotion of health.

1. Use a logical and appropriate clinical approach to the care of patients in a developing country setting, utilizing locally available resources, and applying principles of evidence-based decision-making and problem-solving.

2. Understand the approach to pediatric patients with the following presentations in developing countries and initiate appropriate work-up and management:
   - Diarrhea/dehydration
   - Respiratory Distress
   - Fever
   - Seizures/Altered Mental Status
   - Malnutrition (including Severe Acute Malnutrition)

3. Provide culturally sensitive care and support to patients and their families.

4. Participate in health promotion and injury/disease prevention activities in an international setting, utilizing local guidelines and practices.

Competency 2: Medical Knowledge.
Understand the scope of established and evolving biomedical, clinical, epidemiological and social-behavioral knowledge needed by a pediatrician; demonstrate the ability to acquire, critically interpret
RRC petition

• Global health mentioned (not yet incorporated/integrated)
Concept: Tiered Approach to Global Health Training for Pediatric Residents

- **Global Child Health Fellowship**
  - Small number of positions to match annually
  - 2 core years following residency completion
  - Potential components:
    - Clinical work, hospital-based and outpatient
    - Masters degree (Public Health or Epidemiology)
    - Business coursework for leadership and management development
    - Intensive language training (optional 3rd year)

- **Global Health Track (for Residents)**
  - Scholarly activity with global pediatric health focus
  - Mentorship at home institution and also with internationally-based physicians
  - Lecture series
  - Journal club
  - International elective rotation (4-8 weeks)

- **Residents Doing International Elective Rotations**
  - Choice of program affiliates or new sites located by residents
  - Criteria for ensuring quality educational experience
  - Assure direct benefit for hosting site
  - Series of Web-based modules to complete prior to travel
  - Funding opportunities, internal and extramural

- **All Pediatric Residents**
  - Core curriculum that covers fundamental basics of global children’s health
  - Integrated into regular conference or morning report series

*Slide courtesy of Melanie Anspacher, MD*
Model Curriculum

• Work involved in cataloging programs
• Developed a working group of “global health experts”
• Consensus development of core components/elements (GH tracks)
• Stay tuned… Parmi & Curriculum Group
Slide courtesy of Suzinne Pak Gorstein, MD
“Global Health Curriculum Toolkit”

Available on the AAP SOICH website

http://www2.aap.org/sections/ich/supportathome.htm
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## Evaluation tools

### Self-assessments

### Resident evaluations

### Rotation evaluations

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<th>Resident International Rotation</th>
<th>Level of mastery before rotation</th>
<th>Level of mastery after rotation</th>
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<tr>
<td><strong>Suggested Self-Assessment Tool</strong></td>
<td>1 2 3 4 5</td>
<td>1 2 3 4 5</td>
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<tr>
<td>Adapted from Competency-based Curriculum Objectives</td>
<td></td>
<td></td>
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<tr>
<td>What level of mastery do you feel you have achieved?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1: none, just beginning</td>
<td></td>
<td></td>
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<tr>
<td>2: limited experience, developing familiarity</td>
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<td>3: familiar, need more experience</td>
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<td>4: comfortable managing with limited guidance</td>
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<td>5: ready for independent practice</td>
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Demonstrate understanding of the presentation, differential diagnosis and evaluation of pediatric patients with the following problems:

- Diarrhea/dehydration
- Respiratory Distress
- Fever (including malaria)
- Sepsis/Altered Mental Status
- Malnutrition (including Severe Acute Malnutrition)

<table>
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<tr>
<th>Resident:</th>
<th>Dates:</th>
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**Faculty Evaluation – On-site mentor**

Please complete the following evaluation for the resident completing a rotation at your site by checking the appropriate box for each objective. Please include any additional comments at below.

Residents are expected to meet the following objectives during their elective:

- Apply a logical and appropriate clinical approach to the care of patients in a developing country setting, utilizing locally available resources.
- Provide culturally sensitive care and support to patients and their families.
- Demonstrate sensitivity to the costs of medical care in countries with limited resources and how these costs impact choices of diagnostic studies and management plans for individual patients.
- Practice effective communication with families who speak another language and utilize interpreters appropriately.
- Work collaboratively with health care team members to assess, coordinate, and improve patient care practices in settings with limited resources.
- Demonstrate professional behavior in interactions with all staff and respect differences in knowledge level and practices.
- Demonstrate effective teaching methods for students, colleagues, and other professionals.

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<th>Name of Mentor:</th>
<th>Institution:</th>
<th>Email Address:</th>
<th>Comments:</th>
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<tr>
<th>Diarrhea/dehydration</th>
<th>Did not satisfy expectations</th>
<th>Satisfied expectations</th>
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<td>Fever (including malaria)</td>
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<td>Malnutrition (including Severe Acute Malnutrition)</td>
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At the Individual Program Level

• Countless hours
• Wealth of experience, resources, information, knowledge
• Yet no way to communicate, disseminate, standardize
Post-graduate opportunities

- Fellowships
- Global Health Service Corps
- Roles within NGO’s & other organizations
- International faculty positions
- Academic careers in global health
  - Education
  - Research
  - Patient care
  - QI
Association of Pediatric Program Directors (APPD)

• Conversation & collaboration – PAS, GHEC
• 2010 Fall APPD Meeting: Presentation to APPD Board
• 2011 Spring APPD: Workshops & welcome into APPD as Global Health Educators – A HOME!
• 2011-2012 Listserv; conference calls
• 2012 Spring APPD: Workshop “Preparation for a Global Health Elective”: Global Health Educators forum; brainstorming meetings
  – Development of organizational structure, mission, vision
APPD Global Child Health Educators

- **Mission**: Serve as a resource for pediatric residency training programs in advancing global health education and faculty collaboration to prepare residents to better serve children in resource-limited settings locally and globally.

- **Vision**: High quality global health education in pediatric residency training programs.

- **Values**: Sustainability, Partnership, Mindfulness of resources, Collaboration.
Steering Committee

• **Co-chairs**
  – Chuck Schubert, Sabrina Wagner, Canadian

• **Curriculum**
  – Competency-based goals and objectives: Parmi Suchdev
  – Preparation: Nikki St Clair
  – Local Global: Ty Dickerson

• **Faculty & professional development**
  – Christiana Russ

• **Evaluation, scholarship & research**
  – Cindy Howard

• **Advocacy for GH education**
  – Maneesh Batra
It Takes a Village

• Original draft: on hold – simulation, legal
• Initial structure to help move efforts forward
• Ample room for leadership & participation for ALL
APPD Involvement

• An important marriage of two groups
• How to best nurture this important partnership?
Potential priorities

• Develop listserv
• Encourage participation in APPD
• Decide where/how to disseminate info
• Standardize & disseminate pre-trip preparation; post-trip debriefing
• Define essential curricula for 3 groups: all residents, resident participating in GH rotations, residents in GH tracks

• Propose strategies for integrating GH
• Define GH track
• Develop & disseminate GH mentor toolkit
• Develop strategies for evaluation of outcomes (for any/all activities above)
• Others???
Work Groups

- Curriculum
  - Competency based goals & objectives
  - Preparation
  - Local global
- Faculty & professional development
- Evaluation, scholarship & research
- Advocacy for GH education

TANGIBLE GOALS, TIMELINE, AND NEXT STEPS
Wrap Up