Bridges to Our Bright Future

2011 AACP Annual Meeting
July 9–13 ★ San Antonio, Texas
Global Pharmacy Education and Colleges of Pharmacy: Challenges and Opportunities

2011 AACP Annual Meeting
July 9-13, 2011
San Antonio, Texas
Developing Dynamic Partnerships for Global Education

Charles D. Sands PharmD
Dean and Professor
McWhorter School of Pharmacy,
Samford University
Objectives

- Describe “best practices” for US based models of global pharmacy education
- Recognize key components for successful implementation
- Discuss the benefits to faculty, students, university, and collaborating partners
- Explain the challenges and strategies to manage the challenges
Introduction to Samford University

- Private, Birmingham, Alabama, 4,800 students; schools of pharmacy, nursing, law, divinity, arts, business, education, arts and sciences
- McWhorter School of Pharmacy (MSOP): 2/4 program with 500 students in the 4 year program
- Not located on a medical center campus
- Collaboration with the University of Alabama at Birmingham (UAB) Medical Center
Introduction: MSOP Global Involvement

- MSOP has numerous international affiliations (hospitals, universities, SOPs)
- Exchange students and faculty in China, Korea, Japan, Indonesia, Singapore, Thailand, Zambia, and England
- Visiting scholars from China, Korea, Japan, Thailand, Viet Nam
MSOP Strategic Plan

• International outreach has long been a part of the MSOP strategic plan
• Asian Conference on Clinical Pharmacy, 1997
ZAMBIA, AFRICA
“Best Practice” Model: Zambia

- **Dynamic partnership** with the UAB SOM and SOPH (Sparkman Center for Global Health)
- Planning grant from the **USAID Higher Education for Development Africa-US Higher Education Initiative** (State Department)
  - Primary objective: develop a strategic plan to identify broad based needs and priorities for enhancing health care worker training in the Univ. of Zambia
  - UAB provides assistance from the SOM, SON, SOPH, Allied health; Samford does the same for pharmacy
“Best Practice” Model: Zambia

- 2008: Traveled to Zambia with Craig Wilson MD, Director of the UAB Sparkman Center for Global Health; needs and priority assessment
- Lungwani Muungo PhD, Head, UNZA SOP
- Capacity building for the Univ of Zambia (UNZA) SOP
- Development of a strategic plan for the UNZA SOP
“Best Practice” Model: UNZA SOP

• Assisted in the development of their Master of Clinical Pharmacy degree program (approved for 2011-2012 academic year)

• Fall 2009: MSOP sent 1 faculty and 3 senior students for 1 month APPE

• January 2011: 1 faculty and 4 senior students for 1 month APPE

• October 2011: Scheduled to send 1 faculty and several students
Centre for Infectious Disease Research In Zambia Central Lab.

With thanks for support to:
The President's Emergency Plan for AIDS Relief (PEPfar)
The Centers for Disease Control and Prevention (CDC)
The Elizabeth Glaser Pediatric AIDS Foundation
Bill & Melinda Gates Foundation
Clintond Foundation

Medical Director Stewart Reid
Director Ron Brown
Manager Hilary Lum

In partnership with the Zambian M.O.H.
“Best Practice” Model: UNZA SOP

- **Global Professional Fellows Program**
  - US Dept of State, Bureau of Educational and Cultural Affairs
  - Collaboration: UAB, MSOP, UCSF, UNZA, Zambian National Institute of Public Health
Global Professional Fellows Program

• Focus: promotion of global health by strengthening educational programs that prepare the next generation of health care professionals to address health disparities and provide health care for marginalized populations in Zambia.
Global Professional Fellows Program: Broad Goals

- Strengthen education of health care providers
  - Through professional development Fellowships
  - 4-week Fellowships offered in April/May 2011 and October/November 2011
  - 2-weeks at UAB and 2-weeks at MSOP (for pharmacists)
- 20 US faculty (UAB, MSOP, UCSF) visit to Zambia
- Promote mutual understanding and sustainable partnerships.
Global Professional Fellows Program: Pharmacy Fellow

- Derick Munkombwe
- Pharmacy graduate of UNZA
- Masters degree in public health
- Teaches pharmacology/clinical pharmacy
- Visited UAB and MSOP for 4 weeks in May
- Plans to return to MSOP to do the PharmD program
Benefits to Faculty, Students, University, Collaborating Partners

- Increased awareness of global health challenges and disparities
- Opportunities to cross international borders and learn about health care in other countries
- Understand that global health is inherently interdisciplinary and multidisciplinary
- Opportunity to do research on global health and collaborate with other country researchers
Challenges: Ethics and Best Practice Guidelines

- Increase in the number of institutions that are addressing global health challenges and disparities
- Often involves crossing international borders and encountering ethical challenges related to cultural and professional differences (practice guidelines)
- Not much attention given to ethical issues associated with education and service initiatives
- However, little research on the benefits and unintended consequences to host institutions and host trainees and at what cost?
  - Benefit to the trainee at the cost of the host – unacceptable
  - Goal should be mutual and reciprocal benefit
  - Avoid exploitation of one partner for the benefit of another
Challenges: Ethics and Best Practice Guidelines


- Guidelines for:
  - Sending and host institutions
  - Trainees
  - Sponsors
Key Components for Successful Implementation

- Must be a part of the SOP overall strategic plan
- Choose carefully with whom you partner
  - US partners
  - International partners
- Perform a needs and priority assessment
- Evaluate what needs your can realistically meet
- Set realistic objectives that are mutually beneficial
- Research should be part of the original goals
- Develop an adequate business plan (budget)
- Seek appropriate funding (grants, etc)
- Plan well and implement with care
- Evaluate and re-plan (learn from your mistakes)
• Developing Dynamic Partnerships for Global Education

• Great opportunity for US SOPs to develop mutually beneficial and reciprocal education program with international partners.