

***Serving the Greater Good:  
Introducing Students to Global Health and Underserved Populations***  
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<b>Essential Components of Domestic or International Course Development<sup>1</sup></b>		<b>****Questions to answer within your group****</b>
<b>Ethics and Integrity</b>	<ul style="list-style-type: none"> <li>• Choice of partner</li> <li>• Sustainability of partnership with host</li> <li>• Act and advise students with respect toward ethics and culture of host site or country</li> <li>• Explicit expectations for conduct at site</li> </ul>	<b><i>With whom can you partner?</i></b>
<b>Mission, Policies and Procedures</b>	<ul style="list-style-type: none"> <li>• Institution has mission and commitment to domestic and international service</li> <li>• Accountability to host site or country; formal agreement (MOU)</li> <li>• Assessment of local needs by local residents</li> <li>• Authorization to operate in country (Ministry of Health, Visa)</li> <li>• IRB approval (home and host)</li> </ul>	<b><i>Based on information from or conversation with partner, what is the need (e.g., respiratory disease, DM, worms) of the population?</i></b>
<b>Academic Framework</b>	<ul style="list-style-type: none"> <li>• Academic credit desired or needed</li> <li>• Academic goals and coursework in addition to service</li> <li>• Service-learning methodology utilized</li> <li>• Academic program and professional development linked to service</li> <li>• Length of time at site or in-country</li> <li>• Pre-site or pre-country time with students</li> <li>• Field supervision</li> <li>• Assessment of student by instructor or preceptor</li> <li>• Assessment of instructor/preceptor, site and course by the students</li> <li>• Post-travel debriefing assessment for improvement and planning</li> <li>• Opportunity for academic scholarship</li> </ul>	<b><i>What educational objectives will my students be expected to meet during this experience?</i></b>

<sup>1</sup> Table is modified from: The standards of good practice for education abroad. Carlisle, Pennsylvania: The Forum on Education Abroad; 2008. <http://www.forumea.org/documents/ForumEAStandardsGoodPrctMarch2008.pdf> (assessed 2008 May 29). American Association of Colleges of Pharmacy and Association of Faculties of Pharmacy of Canada Annual Meeting, Chicago, Illinois, 22 July 2008

<b>Organizational and Program Resources</b>	<ul style="list-style-type: none"> <li>• Participants: education, training, skill sets</li> <li>• Student selection process: open and fair</li> <li>• Fundraising for organizational and/or program resources</li> <li>• Cost to student; financial aid for students</li> <li>• Cost to non-student participants: leave, financial commitment</li> <li>• Local orientation prior to service at site</li> <li>• Travel documents (passports), transportation, local housing, meals</li> <li>• Language development opportunities</li> <li>• Support to returning students</li> </ul>	<p><i>How will I recruit students and obtain funding?</i></p>
<b>Health, Safety and Security</b>	<ul style="list-style-type: none"> <li>• Country's political stability and security</li> <li>• Local weather conditions</li> <li>• Insurance</li> <li>• Risk management</li> <li>• Vaccinations and travel medications (prophylactic and acute care)</li> <li>• Crisis and emergency procedures; emergency communication</li> </ul>	<p><i>What risk management support is available from your institution?</i></p>
<b>Medical Mission or Medical Site</b>	<ul style="list-style-type: none"> <li>• Pharmacy patient care, health/wellness, public health goals</li> <li>• Academic disciplines participating and their roles</li> <li>• Administrative structure and role of pharmacy faculty/preceptors</li> <li>• Population to be served</li> <li>• Local transportation responsibilities</li> <li>• Management of drug supply: <ul style="list-style-type: none"> <li>○ Selection of product(s)</li> <li>○ Quantification</li> <li>○ Procurement</li> <li>○ Donor financing</li> <li>○ Storage</li> <li>○ Shipment across borders</li> <li>○ Distribution</li> </ul> </li> <li>• Dispensing aids and supplies; reference materials</li> <li>• Dispensing procedures and records</li> <li>• Assessment of treatment outcomes</li> </ul>	<p><i>Based on your selected population's health needs, what are the achievable patient care, health/wellness or public health goals?</i></p>

# Resources

## Guidelines and Teaching Examples:

- Assemi M, Shane-McWhorter L, Scott DR, et al. Caring for the underserved: exemplars in teaching. *Am J Pharm Educ* 2008. In press.
- Caring for the underserved, a delineation of educational outcomes organized within the clinical prevention and population health curriculum framework for health professions. American Association of Colleges of Pharmacy; 2006 April.  
[http://www.aacp.org/Docs/MainNavigation/CurricularResourceCenter/7701\\_CaringfortheUnderservedCurriculumFramework\(2\).pdf](http://www.aacp.org/Docs/MainNavigation/CurricularResourceCenter/7701_CaringfortheUnderservedCurriculumFramework(2).pdf)
- King R and Bellegarde JB. Preparing minority pharmacy students for international health service. *J Pharm Teaching* 1992;3(2):63-72.
- Suchdev P, Ahrens K, Click E, et al. A model for sustainable short-term international medical trips. *Ambulatory Pediatrics* 2007;7:317-20.
- The standards of good practice for education abroad. Carlisle, Pennsylvania: The Forum on Education Abroad; 2008.  
<http://www.forumea.org/documents/ForumEASStandardsGoodPrctMarch2008.pdf>
- Ward CT, Nemire RE, Daniel KP. The development and assessment of a medical mission elective course. *Am J Pharm Educ* 2005;69(3) Article 50.
- Zweber A, Roche VF, Assemi M, et al. Curriculum recommendations of the AACP-PSSC task force on caring for the underserved. *Am J Pharm Educ* 2008; 72(3). Article 53.
- **Organizations:**
- Centers for Disease Control and Prevention. Travelers' Health. Atlanta, Georgia: U.S. Department of Health and Human Services.  
<http://wwwn.cdc.gov/travel/default.aspx>
- International Pharmacy Federation. <http://www.fip.org/www2>
- Medshare International. <http://www.medshare.org>
- Servants in Faith and Technology (SIFAT). [www.sifat.org](http://www.sifat.org)
- Pan American Health Organization. <http://www.paho.org>
- Partners in Health. <http://www.pih.org/home.html>.
- Prescription for Hope. <http://rxforhope.org>
- The World Bank. <http://www.worldbank.org>
- Travel and Business. U.S. Department of State. <http://www.state.gov/travelandbusiness>
- World Health Organization. <http://www.who.int/en>
- World Baptist Missions. <http://www.wbmonline.org>

## Journals:

- The International Journal of Pharmacy Education and Practice. <http://www.samford.edu/schools/pharmacy/ijpe/index.htm>

## Texts:

- Lacy, Charles, et al. eds. *Drug Information Handbook International*. Lexi-Comp. 2008. Updated yearly.
- Kisch, Glenn. *Essential Spanish for Pharmacists*. 2<sup>nd</sup> edition. APhA. 2005.
- Kidder, Tracy. *Mountains Beyond Mountains: The Quest of Dr. Paul Farmer, a man who would cure the World*. Random House. 2003.
- Farmer, Paul. *Infections and Inequalities: The Modern Plagues*. University of California Press. 2001.