

Developing Global Partnerships for Pharmacy Education

Global Pharmacy Education SIG Webinar

Speakers:

Sally Arif, PharmD, BCPS, BCCP

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Miranda Law, PharmD, MPH, BCPS

Jodie Malhotra, PharmD

Program Description

The main purpose of this webinar is to examine effective strategies for building successful global partnerships for pharmacy education. Specifically, to highlight approaches for overcoming challenges for building global partnerships and share “best practices” and “lessons learned” from a panel of experts on global education.

Objectives

1. To examine the rationale for developing global partnerships to enhance pharmacy education globally
2. To share examples of successful global partnerships in research and scholarship



Abby A. Kahaleh, PhD, MS, MPH, BPharm, FAACP

AACP GPE SIG Immediate Past Chair

RU Board of Trustees-Tenured Faculty

Roosevelt University College of Pharmacy

Global Partnerships-I*

Title: Meeting the Needs of Underserved Patients in Western Kenya by Creating the Next Generation of Global Health Pharmacists

Objective: To describe a novel training model used to create a sustainable public health-focused pharmacy residency based in Kenya and to describe the outcomes of this training program on underserved populations.

Design: The postgraduate year 2 residency was designed to expose trainees to the unique public health facets of inpatient, outpatient, and community-based care delivery in low and middle-income countries.

Public health areas of focus included supply chain management, reproductive health, pediatrics, HIV, chronic disease management, and teaching.

Assessment: The outcomes of the residency were assessed based on the number of new clinical programs developed by residents, articles and abstracts written by residents, and resident participation in grant writing. To date, six residents from the United States and eight Kenyan residents have completed the residency. Eleven sustainable patient care services have been implemented as a result of the residency program.

Conclusion: This pharmacy residency training model developed accomplished pharmacists in public health pharmacy, with each residency class expanding funding and clinical programming, contributing to curriculum development, and creating jobs.

* Miller ML, Karwa R, Schellhase EM, et al., Meeting the Needs of Underserved Patients in Western Kenya by Creating the Next Generation of Global Health Pharmacists *AJPE* 2016; 80 (2) Article 22.

Global Partnerships-II*

Objective: The objective of this commentary is to explore the potential role of the pharmacist in the field of global health by understanding the definition of global health and how it can be applied to the profession of pharmacy.

Summary: While the role of the pharmacist in public health has been defined, the literature is limited with respect to the role of the pharmacist in global health. It is suggested that the "global" in global health should refer to the scope of a problem and not necessarily the geographic location. Through this lens, pharmacists have the opportunity to play an important role in both public health and global health. In particular, pharmacists can look at the varied global health careers established in medicine and use this as a framework to understand the potential role of the pharmacist within global health practice and program delivery, research, and policy.

Conclusions: To further define the role of the pharmacist in global health, pharmacists may have to change their perception of what services they can provide and where these services can be applied.

**Steeb DR, Joyner PU, & Thakker DR. *Exploring the Role of the Pharmacist in Global Health*. / Am Pharm Assoc. 2014;54:552-555. doi: 10.1331/JAPhA.2014.13251

An Ethics-Based Approach to Global health Research: Building partnerships in global health*

ABSTRACT:

Global health partnerships (GHPs) can be the cornerstone for advancing research and public health. The steps to build a global research partnership focus on sharing a common research agenda, identifying key partners in the community, and establishing goals and expectations for partnerships. Moreover, upholding important values, such as communication, trust, and transparency is essential for building successful partnerships. Ethical dilemmas can propose challenges to researchers in global health. These challenges can be overcome by creating a shared vision for a research agenda, maintaining communication, and providing bidirectional training.

- Seo SW, Ombengi D, Sultan D, Kahaleh AA. *et al.*, Research in Social and Administrative Pharmacy 16 (2020) 1574-1579.
- <https://doi.org/10.1016/j.sapharm.2020.06.015>

Strategies for Overcoming Logistic & Implementation Challenges*

ABSTRACT:

With the growth of global pharmacy partnerships and collaborative research, particularly between high-income countries and low- or middle-income countries, it is necessary to establish best practices for fair and ethical collaboration and research. There is a gap in the pharmacy literature in this regard. Through this commentary, authors will present a pathway for future global health researchers including generating ideas based on mutual needs of the partnership and the community; exploring the importance of regulations including the need to conduct research and partnership projects within the confines of each participant's professional scope of practice, expertise, and licensure; describing the need to develop agreements and the components that should be included in such an agreement; discussing ethical guidelines for research planning, obtaining ethical approval, and planning for adverse events; and illustrating ethical considerations for research implementation with considerations around consent, data collection, linking patients to care after the completion of the study, and dissemination. Global examples, with a pharmacy-specific approach where applicable, within each section highlight the importance of discussion and action around ethics and equity when pursuing collaborative research, recognizing that many of these situations involve difficult decisions.

Lukas S, Crowe S, Law M, Kahaleh AA, et al., *Research in Social and Administrative Pharmacy* 16 (2020) 1580-1587. <https://doi.org/10.1016/j.sapharm.2020.07.010>.

Emphasis on Partnership Funding *

ABSTRACT:

Acquiring funding for global health research within pharmacy can be challenging, particularly for new investigators who may have a strong interest in resolving global dilemmas related to health. Moreover, there can be inherent imbalances and ethical issues when navigating the funding process for global partnerships. There exists a lack of literature providing ethical guidance for mitigating dilemmas that may arise. This commentary discusses current funding streams for investigators interested in global pharmacy research, as well as specific recommendations for the funding process. These recommendations include managing award funds, ethical considerations for funding research partnerships, and balancing power between low to middle income countries and high-income countries. Lastly, case examples of funding partnerships involving pharmacy are highlighted, emphasizing important lessons learned. This commentary addresses the critical need for providing global health researchers with both important considerations and experience-based recommendations for navigating global funding partnerships using an ethical approach.

* Drame I, Kahaleh AA., Connor S., et al. *Research in Social and Administrative Pharmacy* 16 (2020) 1588-1596.

<https://doi.org/10.1016/j.sapharm.2020.05.004>

Scholarship and publications *

ABSTRACT:

Disseminating research findings from global health collaborations is essential to advancing science. However, there are a number of ethical considerations and potential challenges to address to ensure thoughtful and non-exploitative reporting. The factors include the benefits and risks to publication, authorship criteria or values, and the accessibility of forums or journals in which to pursue publication. This paper provides commentary related to planning for writing, communicating intentions to publish, obtaining permissions to publish, risks in internationally collaborative work, authorship principles, and journal selection. Authors' and editors' knowledge of experienced individuals from both pharmacy literature, medical fields, and general publications is incorporated to provide an assessment of risks and benefits of publication of international global health research.

*Abrons J, Jonkman L, Nonyel N, Connor S, Ombengi D, Kahaleh AA. *Research in Social and Administrative Pharmacy* 16 (2020) 1597-1601.

<https://doi.org/10.1016/j.sapharm.2020.06.015>.



Sally Arif, PharmD, BCPS, BCCP

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Clinical Pharmacist, Cardiology
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Areas of Global Partnerships

1 APPE Student Exchange & Life-Long Learning

2 Research and Scholarship

3 Post-graduate Education

Moving Beyond a Student Exchange Program to Life-long Learning

1

Think “end in mind”
and explore
common goals for
partners

2

Explore practice sites
opportunities

3

Create a roadmap
for growth and
exchange of
knowledge/skills

4

Evaluate the
strengths and needs
of each partner;
SWOT analysis

**United Arab
Emirates
& USA:
Student
Exchange
Partners**



Academia



Industry & Drug Development

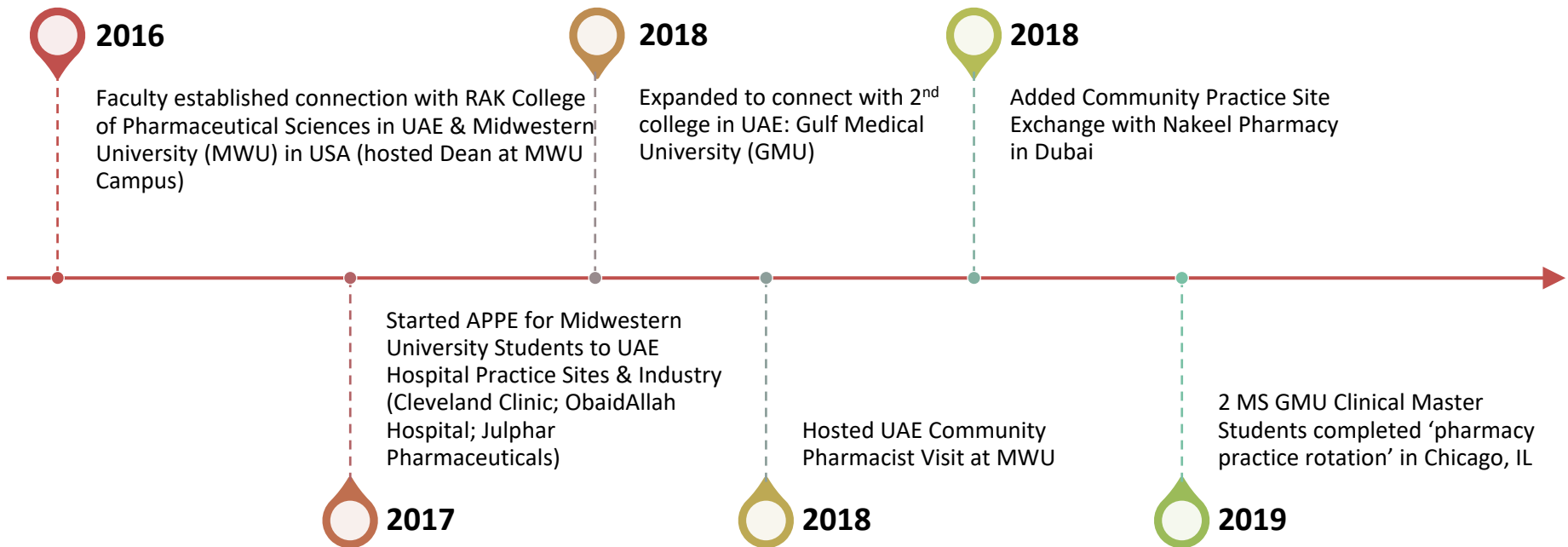


Community Practice



Hospital Pharmacy

Midwestern University & UAE Partners Exchange



Implementation of a Continuing Education Series to Promote Interprofessional Collaboration and Evidence Based Practice in UAE

The symposium aimed to enhance interprofessional education and collaboration while helping implement patient-centered collaborative healthcare as outlined by the International Pharmaceutical Federation (FIP)



Inter-professional Collaboration

- Perspective of various disciplines approach to patient-centered care
- Tailor presentations to the UAE healthcare workforce and population health needs
- Promote international collaborations in education and scholarship

Interactive Case-Based Learning

- Promote student involvement
- Provide relevant updates on latest treatment guidelines
- Solidify understanding of strategies that can be used to apply evidence-based medicine

Advancing Pharmacy Practice

- Understand the role of the clinical pharmacist on an interdisciplinary team
- Provide practitioners from developing countries with innovative therapies and clinical guidelines updates
- Increase the focus on patient and medication safety

Covered CE Topics

Applying Evidence-Based Medicine to Clinical Decision Making

Cardiology, Diabetes, Cholesterol Management





Miranda G. Law, PharmD, MPH, BCPS

Clinical Assistant Professor

Director of International Experiences and Engagement

Howard University College of Pharmacy

Partnerships for Scholarship/Research



Partnerships for Scholarship/Research

Identify an interested International collaborator

Make contact, have a teleconference, discuss mutual interests for those in the organization



Facilitate the development of relationships

Hold a virtual “get together” that includes all those interested from both parties



Research Collaboration resulting in grant submissions, abstracts, and manuscript publications

Partnerships for Scholarship/Research

Local

Establish partnerships with global health non profit organizations in your surrounding area.

is

Determine mutual interest and needs.

Global

Establish novel training programs for students and new graduates (research or practice focused).



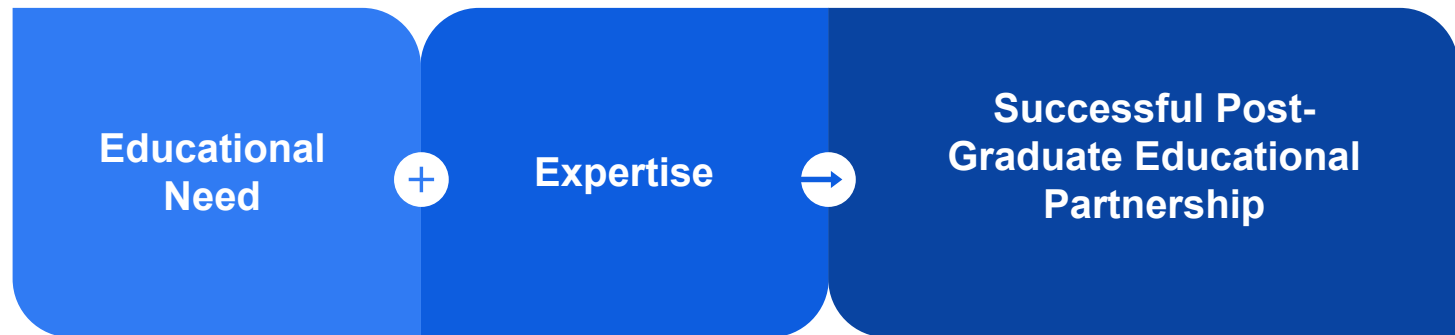
Jodie V. Malhotra, PharmD

Director of Practitioner and International Development

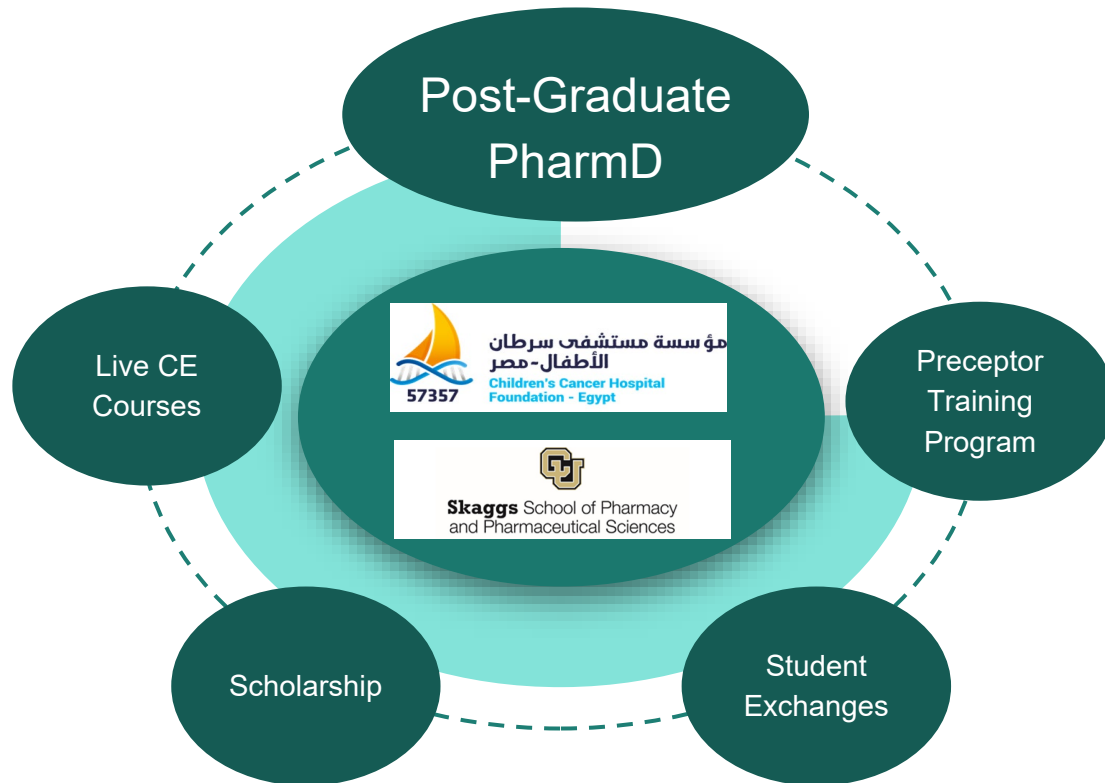
Associate Professor, Department of Clinical Pharmacy

Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences

Post-Graduate Educational Partnerships



Post-Graduate Educational Partnerships



Post-Graduate Educational Partnerships



Take Aways

- Explain the rationale for building global partnerships
- Expand the pharmacist's role in pharmacy practice globally
- Apply effective strategies, best practices, and lessons learned for building sustainable global partnerships
- Providing opportunities for future pharmacists in global health

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