Building an International Partnership to Develop a Research Program: Using a Theory-Driven Approach

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Background

- Globalization is one of the megatrends increasing the cross-border flow of knowledge, ideas, and learning
- International research collaboration has become an important component of global health
- Mutual benefits with a sustainable and long-lasting outcome for the discipline, community, and country.
International research collaboration is challenging!

- Linguistic and cultural differences
- Geographical distance
- Different daily responsibilities
- Unique regulations in each institution
- Limited availability of funding

Partnerships, especially research-based, where the institutions are not using an appropriate development approach may result in no benefit, or a great burden being placed on the partnering institutions (Baumann, 2012; Parker & Kingori, 2016).
Knowledge gap

- Many publications on international education collaborations (Kulbok et al., 2012).
- Few publications on international research collaborations
- Few publications explained the collaborative process and theoretical underpinnings of international partnerships
Building an International Partnership to Develop Advanced Practice Nurses in Anesthesia Settings: Using a Theory-Driven Approach

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Abstract
The International Federation of Nurse Anesthetists is calling for international collaboration to develop advanced nursing practice in anesthesia settings globally. However, international collaboration is challenging. Limited information is available about what process and factors specifically lead to a successful international collaboration partnership. This article aimed to describe a theoretical and empirical base that can be used to build and maintain long-term international partnerships. The Theoretical Framework of Developing International Partnerships was developed, which comprises seven interrelated concepts including partnerships, collaborations, environment, structure, process for collaborating, outcomes, and sustainability. It was used to guide an equitable horizontal collaboration partnership to develop anesthesia nursing care in local culture and context. Five major challenges were identified during the collaboration process. Sixty-six strategies were developed to facilitate collaboration using the theoretical framework. This work can inform others in establishing an international collaboration and partnership in advancing nursing knowledge and culturally congruent health care delivery.

Keywords
global health, nurse anesthetists, systems theory, anesthesiology, anesthesia, communication, evidence-based practice
Theoretical Framework of Developing International Partnerships

Structure
1. Team Members
2. Funding
3. Resources
4. Time
5. Information
6. Technique
7. Leadership

The Process for Collaborating
- Mutual Goal Setting
- Engagement
- Culture Bridging
- Capacity Building

Sustainability

Partnerships & Outcomes

Academic, Healthcare, Social, Economic and Political Environment
Collaboration in anesthesia nursing
Structure: Funding

2016: Environmental factors

Leadership

Pediatric pain management
Structure: Research Team/Time/Leadership

• Shanghai Ninth People’s Hospital: Independent researchers, PhD and Master students, Clinical educators, Head nurses, Research nurses

• University of Ottawa: Professors, PhD and Bachelor students, Research assistants, Administrative assistants
Structure: Resources/Technique
Process: Engagement & Mutual goal setting
Process: Culture bridging

- Visiting Shanghai Ninth People’s Hospital in 2017/05
• Intervention wards visit
• Visiting University of Ottawa in 2018/09
• Discussing the findings of the project and future collaboration
• Sharing findings at Uottawa
• Visiting Canadian Nurses Association
A cultural broker
Process: Capacity building

• Sino-Canadian Nursing Academic Conference
• Graduate student workshops
Outcomes

Publication: 2


Expected manuscripts: 4
Sustainability: other funding

- Shanghai Jiao Tong University Medical School Nursing Highland Program-Young Reserve talents and International Exchange Fund (2017)
- Shanghai Jiao Tong University Medical School Nursing Highland Program-Postgraduate Innovation (2018)
Sustainability: new funding

Develop New Collaboration Research Projects:

• Project 1: Conceptual analysis and Cross-sectional Survey of Implementation Leadership (Master research, funded by 2018 Shanghai Ninth People's Hospital, Nursing Fund Project)

• Project 2: Exploring implementation leadership in eastern and western nursing context: A mixed methods study (Doctoral research, funded by Shanghai Municipal Education Commission Funding for Discipline Development)
Welcome to Shanghai!

Thank You!