

## INTRODUCTION

The opportunities as a pharmacist in the global health setting are incredibly vast. As pharmacy practice differs country to country this provides a challenging, but unique dilemma in assessing the needs of communities and how to resourcefully utilize pharmacy education and skills to address these issues.

This poster will provide background about the PGY2 Public Health Residency program as a joint venture between Rutgers and Bristol-Myers Squibb Foundation in creatively merging pharmacy expertise in a global backdrop of Sub-Saharan Africa.

## OBJECTIVE

To describe the global health experiences as a component of a PGY2 Public Health Residency

## THE RESIDENCY PROGRAM

The PGY2 Public Health Residency was formed in 2009 as a partnership between the Ernest Mario School of Pharmacy at Rutgers University and Bristol-Myers Squibb Foundation. The primary goal of the program is to improve health outcomes through a systems approach and decreasing health disparities.

### Program Design

- 6 months global health in Sub-Saharan Africa with *Secure the Future*
  - July-December
- 6 months public health in the United States
  - January-June

## SECURE THE FUTURE

- Started in: 1999
- Has committed over \$150 million in over 200 projects

### Current countries supported:

- South Africa
- Swaziland
- Lesotho
- Zimbabwe
- Tanzania
- Kenya
- Democratic Republic of Congo
- Ethiopia



### Built off HIV/AIDS platform:

- Tuberculosis
- Cancers
- Mental Health
- Vulnerable Populations

## PROJECTS ENGAGED

### National University of Lesotho School of Pharmacy Roma, Lesotho

- Guest lecturer on antibiotics usage in surgeries and pediatrics
- Written report comparing and contrasting schools of pharmacy curriculum
- Preceptor to P5 students on clinical rounds at Queen Mamohato Memorial Hospital
- Participation in Pharmacy Day held by Pharmacists Student Association
- Assistance in proposal development



### Baylor Centre of Excellence – Swaziland Mbabne, Swaziland

- Quality Improvement measures in the Pharmacy Department
  - Development of patient satisfaction surveys
  - Creation of labeling templates
  - Creation of medication information handout sheets
  - Organization of drug classification therapeutics chart
  - Facilitation of increased communication on stock-out medications between providers and pharmacy
- Delivery of continuing medical education on palliative care
- Inpatient ward rounds at Raleigh Fitkin Memorial Hospital

### Bambisanani Project Kokstad, KwaZulu-Natal, South Africa

- Development of household surveys of medication storage and handling practices
- Home visits to rural communities of Eastern Cape
- Creation of practice guidelines and training manual
- Conduction of training workshop for community healthcare workers on assessment and evaluation of medication storage and handling practices



## ADDITIONAL ACTIVITIES

### Bristol-Myers Squibb Foundation Johannesburg, Gauteng, South Africa

- Understanding grantmaking process with proposals and budget review
- Attendee of 8<sup>th</sup> STOP Breast, Cervical and Prostate Cancer Conference
- Assistance with Pink Ribbon, Red Ribbon
- Assistance with monitoring and evaluation of WHO-Engage TB projects



## LONGITUDINAL IMPACTS

- Prevention of mother-to-child transmission of HIV/AIDS
- Adolescents/elderly living with HIV/AIDS
- Task shifting with community health workers
- Traditional herbalists meets Western medicine



## CONCLUSION

Under the tutelage of Rutgers and Bristol-Myers Squibb Foundation the PGY2 Public Health Residency explored pharmacy through a clinical, academic, and philanthropic scope of practice and allowed for a mutual exchange of knowledge and skills between partners and the resident. Continuity of the program also provided glimpses of long-term, sustainable effects in developing countries.

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