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BACKGROUND

The roles for pharmacists in the public health setting are dynamic and unconventional. Pharmacists are uniquely positioned to impact global health in a positive way given their knowledge of drug delivery systems and medication therapy. Pharmacy practice varies from country to country providing the resident with a cross cultural yet challenging experience to assess community needs and utilize pharmacy education and skill in a resourcefully conscious manner.

The poster will provide background about the PGY2 Public Health Residency with Bristol Myers Squibb Foundation and Rutgers University venture in creatively merging pharmacy expertise in a global setting of Sub Saharan Africa.

OBJECTIVE

To describe the global health experiences of the PGY 2 residency

PROGRAM DESIGN

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 objective of this program is to improve health equity through health system strengthening.

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

GLOBAL INITIATIVES

Mathiws Wondu Ethiopian Cancer Society (MWECS) Addis Ababa, Ethiopia

- Developed medication safety and handling protocols
- Created oncology and chronic disease educational material
- Reengineered electronic medical record for improved efficiency
- Trained nurses on medication safety and quality improvement measures
- Contributed strategies to streamline service delivery
- Assisted with the facilitation of interviews for the psychosocial nursing position



African Medical Relief and Education Foundation (AMREF) Addis Ababa, Ethiopia

- Provided oversight for the development of a breast and cervical cancer proposal
- Aided in developing questionnaires used for the baseline cancer study for facility administrations and regional health directors
- Participated in a strategic planning and cancer control meeting with World Health Organization and Ethiopia's Ministry of Health
- Partnered with the WHO to provide guidance on the integration of TB strategies in the baseline cancer study



National University of Lesotho (NUL) Rome, Lesotho

- Interviewed the village chief to assess her knowledge of HIV and address misconceptions associated with the condition
- Provided guidance to the local Ministry of Health on the importance of updating HIV guidelines and the implementation of NCD control measures
- Served as a guest lecturer to pharmacy students



FOUNDATION ACTIVITIES

- Reviewed new grant proposals to ensure alignment with BMSF mission and fiscal objectives
- Developed grantee summary briefs for BMSF corporate communications and community affairs
- Developed executive summary reports for approved proposals by BMSF
- Conducted site visits with new grantees
- Reviewed grantee progress reports



CONCLUSION

Under the support and guidance of Bristol-Myers Squibb Foundation and Rutgers University, the PGY2 Public Health Residency explored pharmacy and public health through programmatic, academic, and philanthropic scopes of practice, allowing for mutual exchange of knowledge and skills between partners and the resident..

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