

**Texas Children's Cancer & Hematology Centers  
Global HOPE Education**

**PHARMACY INVENTORY MANAGEMENT COURSE**

## **Program Description**

This course is designed for health care professionals working in the Global HOPE program in Sub-Saharan Africa. It is developed to teach the basic principles and best practices in pharmacy inventory management. During the course participants will examine and discuss strategies to ensure inventory is managed to optimize efficiency, minimize cost, and meet donor, regulatory, and program requirements. Following completion of the four lessons in this course, participants will complete a final competency exam.

## **Faculty**

Brooke Bernhardt PharmD, MS, BCOP, BCPPS; Global HOPE Director of Pharmacy

## **Overall Program Objectives**

- Review the concept of a medication formulary
- Identify records and processes used to manage pharmacy inventory
- Describe proper receipt and storage of pharmaceutical products
- Describe proper conditions of temperature for storage of pharmaceuticals
- Describe the procedure for addressing expired, recalled, and other unusable medications

## **Course Module and Lessons**

The course is designed as one module with four lessons that will be completed in succession prior to final competency exam. The lessons are as follows:

Lesson 1: **Pharmacy Inventory Management**

Lesson 2: **Receipt of Medications**

Lesson 3: **Specifics of In-Pharmacy Medication Storage**

Lesson 4: **Recalled, Expired, and Unusable Medications**

## **Course Activities**

- **Didactic Sessions**

Within each module, specific presentations are audiotaped as part of the Global HOPE Education Program. Following the lectures within each module, activities will focus on application of topics and skills within the lesson.

- **Critical Thinking/Practice Exercises**

Critical thinking exercises will be used to examine specific clinical situations that require the application of knowledge in pharmacy inventory management.

- **Forum Discussions**

Participants will contribute to forum discussions via Zoom or WhatsApp with course faculty.

## **Evaluation**

Upon completion of the course, individuals must participate in a written evaluation. Those achieving a score of 70% or higher on the final exam will receive a certificate of completion and be formally recognized for their academic performance.