



Stony Brook University

Biomedical Informatics Grand Rounds



Katharine Kevill, MD, MHCDS

Assistant Professor, Department of Pediatrics

MyAsthma MyPlan

A Patient and Provider-Facing App

Wed, May 2, 2018 3pm—4pm

Atkins Center – HSC Level 4 (Radiology)

Abstract:

MyAsthma MyPlan is the prototype of a web-based application called MyBody MyPlan which we are developing here at SBUMC through a collaboration between clinicians and IT experts. MyAsthma MyPlan is currently a functional application housed on a platform within the Stonybrook.edu domain. End-users include a diverse ecosystem of stakeholders: patients, parents, community members and members of the health care team. This app is designed to give consistent answers to 3 questions: 1) What is the plan? 2) How do you do it? 3) How is it going? This talk will explore the information gap in knowledge of an individual's chronic disease self-management plan that led to the development of MyAsthma MyPlan. Using MyAsthma MyPlan as a case study, we will consider the key features of the app architecture needed to foster efficient and effective communication of the self-management plan across the ecosystem of stakeholders. Finally, we will consider how this application fits into the transition to value-based payment.

Educational Objectives:

- 1) To appreciate the importance of chronic disease management in the U.S. healthcare system.
- 2) To identify the ecosystem of stakeholders who play a role in the implementation of an individual's chronic disease self-management plan.
- 3) To systematically identify barriers to communication of the self-management plan as a patient journeys across time, place and organizations.
- 4) To consider key features of an IT infrastructure needed to foster effective and efficient collaboration among stakeholders.

****CME CREDIT AVAILABLE****

Questions? Please call the Biomedical Informatics Department at 631-638-2590.