

**The Philadelphia Department of Health and Quality Insights present:**  
*Monitoring Antimicrobial Use with Free or Widely Available Software*

**Tuesday, September 29, 2015**  
**1:00 – 2:00 p.m. ET**

**Agenda:**

1:00 - 1:05 p.m. Introduction

1:05 - 1:50 p.m. Jonathan Beus, MD, MS

Dr. Beus will review common measures used for antimicrobial programs, and demonstrate how to create meaningful reports from data using free or widely available software.

1:50 - 2:00 p.m. Question and answer session

**Speaker:**

**Jonathan Beus, MD, MS**

Research Associate for the Antimicrobial Stewardship Program at The Children's Hospital of Philadelphia  
Dr. Beus graduated with a Bachelor's Degree in Chemical Engineering from the University of Pennsylvania. He subsequently obtained a Medical Degree and Master of Science in Clinical Research from Emory University. Dr. Beus is currently a part-time resident in General Pediatrics at the Children's Hospital of Philadelphia, where he spends the remainder of his time as a data analyst and research associate in the Division of Infectious Diseases. Dr. Beus' current work is focused on using technology to improve antimicrobial stewardship and assessing the effectiveness of stewardship interventions.

Dr. Beus has no vested interest or relationship with any of the programs that he is using during the demonstration.

**Audience:**

Hospitals are encouraged to convene an interdisciplinary team for webinar participation, including physicians, pharmacists, front line nursing staff, quality staff, managers and hospital executives.

## Objectives:

### Objectives for this webinar:

- 1) Understand and define common measures of antimicrobial use
- 2) Identify data models for calculating antimicrobial use measures
- 3) Create simple graphs of trends in antimicrobial use from raw data
- 4) Understand basic principles of statistical process control

## Additional Information:

Requests for information may be directed to [Eye Esslinger](#), Network Task Lead at Quality Insights



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