



Epidemiology of Microbial Diseases

EMD Seminar Series

Melinda Pettigrew, PhD

**Associate Professor, Department of Epidemiology of Microbial
Diseases**

**Associate Dean of Academic Affairs
Yale School of Public Health**

“Tragedy of the commons: antibiotics and chronic obstructive pulmonary disease”

Chronic obstructive pulmonary disease (COPD) is the fourth leading cause of death worldwide. COPD is characterized by intermittent acute exacerbations of disease (AECOPD) that are often caused by bacterial infection. Thus, antibiotics are commonly prescribed for treatment and prevention of AECOPD. We will discuss the use of antibiotics in COPD patients as a specific example of the clinical and public health challenges that arise in balancing the needs of individual patients and the public health imperative of reducing the injudicious use of antibiotics to combat the global threat of antibiotic resistance.

12:00 p.m. Thursday, February 18, 2016
LEPH 101, 60 College Street
Host: V. Pitzer and D. Weinberger