



Scientific Speed Dating: CV form for mentors

First & Last name: Sara Cosgrove

Affiliation: Professor of Medicine, Division of Infectious Diseases, Johns Hopkins University School of Medicine

Career in brief (please specify only the principal steps):

Resident in Internal Medicine at Johns Hopkins, Baltimore, MD (1995-1998)

Fellow in Infectious Diseases at Beth Israel Deaconess Medical Center, Boston, MA (1998-2001)

Chief Resident/Instructor in Medicine, Johns Hopkins (2001-2002)

Faculty Member in the Division of Infectious Diseases (2002-present)

Associate Hospital Epidemiologist, Johns Hopkins Hospital (2002-present)

Medical Director, Department of Antimicrobial Stewardship, Johns Hopkins Hospital (2003-present)

Division of ID Fellowship Research Program Director (2015-present)

Assistant Deputy Editor, Clinical Infectious Diseases (2012-2016)

Vice-President, President Elect, President, and Past-President, Society for Healthcare epidemiology of America (2015-2018)

PI of several federal grants and contracts focusing on antimicrobial stewardship, AMR, and healthcare-epidemiology from CDC, AHRQ, FDA, NIH, and PCORI.

Main field of expertise (max 3 topics of interest):

Antimicrobial stewardship/AMR

Healthcare epidemiology

Clinical trials

Personal statements about myself:

My expertise includes the epidemiology and outcomes of antimicrobial resistance; the development of tools and programs to promote the rational use of antimicrobials at local regional and national levels; the prevention of healthcare-associated infections, particularly device-associated infections, and the epidemiology and management of *S. aureus* bacteremia. I have led the Johns Hopkins Hospital Department of Antimicrobial Stewardship since 2003 and has been integral to establishing stewardship operations, research, and policy at the hospital, across the state of Maryland, nationally, and internationally. I am a past voting member of the Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria and a Past President of the Society for Healthcare Epidemiology's Board of Directors

Early in my career, I recognized the critical need to study antimicrobial stewardship strategies and has led a series of outcomes studies over the past 20 years that have defined the practice of antimicrobial stewardship in the United States. My recent research focuses on strategies for implementation of antimicrobial stewardship activities across all healthcare settings via a large, multi-center project including hospitals, long-term care facilities and ambulatory practices funded by the Agency for Healthcare Research and Quality, and approaches to improve how antibiotics are given via a randomized trial to compare intravenous and oral therapy for Gram negative bacteremia funded by PCORI. I am the PI of the Johns Hopkins Prevention Epicenter, a Centers for Disease Control and Prevention-funded program that integrates antimicrobial stewardship, healthcare epidemiology, human factors engineering, data science, and implementation science to address knowledge gaps and develop strategies to optimize patient safety by preventing transmission of pathogens and improving antibiotic use in diverse healthcare settings and patient populations.