



Brigham and Women's Hospital
Founding Member, Mass General Brigham

BWH Antimicrobial Stewardship & Infection Control Fellowship Track

OVERVIEW

The Brigham and Women's Hospital Antimicrobial Stewardship and Infection Control teams are proud to offer mentored, hands-on training for senior infectious disease fellows interested in pursuing careers in antimicrobial stewardship and / or infection control and healthcare epidemiology. Our faculty members include internationally recognized leaders in both fields and have published widely on outbreak detection and containment, strategies to prevent and treat healthcare-associated infections, antibiotic timing and selection for sepsis, antimicrobial stewardship, and pathogen transmission dynamics. We are also home to a [CDC Prevention Epicenter](#), one of 11 U.S. academic medical centers funded by CDC to conduct research on preventing healthcare-associated infections and improving antibiotic utilization. Trainees that join this track will be integrated into the routine operations of both the antimicrobial stewardship and infection control teams and will be tasked with combating an active cluster of healthcare-associated infections or designing and implementing a quality improvement initiative to advance the quality and safety mission of the hospital.

Specific components of the program include:

- Attendance at weekly infection control staff meetings
- Attendance at monthly (Mass General Brigham) and bimonthly (BWH) antimicrobial stewardship meetings
- Integration into hospital cluster responses including data monitoring, root cause analyses, case-control studies, site inspections, discussions with frontline staff, strategizing responses, implementation, and monitoring impact.
- Development of at least one mentored project in cluster response, infection prevention, or antimicrobial stewardship. This will ideally lead to a presentation at a professional society meeting and manuscript for publication.
- Coverage of the antimicrobial approval pager (minimum 2 weeks, more if desired)
- Shadowing of infection preventionists and antimicrobial stewardship pharmacists
- Leading journal club sessions for infection preventionists, antimicrobial stewardship staff, or both.
- Attendance at the [Annual Fellows Course in Infection Prevention and Antimicrobial Stewardship](#)

FACULTY

Meghan Baker, MD, ScD

Associate Hospital Epidemiologist

Hospital Epidemiologist at Dana-Farber Cancer Institute



Dr. Baker is an infectious disease physician, Associate Hospital Epidemiologist at BWH, and Hospital Epidemiologist at Dana-Farber Cancer Institute. Her interest is in healthcare epidemiology and infection control with a focus on cluster prevention, detection, and response. Her work focuses on the use of routinely collected electronic health data from both local and national datasets to improve patient safety. She recently led a multisite cluster randomized trial to assess a statistically-based automated method to improve cluster detection in hospitals. Her work and publications inform her work in infection prevention and control as well as broader quality improvement initiatives and healthcare epidemiology.

Brandon Dionne, PharmD

Infectious Diseases Clinical Pharmacist



Dr. Dionne is an Infectious Diseases Clinical Pharmacist at BWH and an Associate Clinical Professor at the Northeastern University School of Pharmacy and Pharmaceutical Sciences. He teaches infectious diseases therapeutics at Northeastern and precepts students and pharmacy residents at BWH. His research interests include vaccine administration, rapid diagnostics, and implementation of unique antimicrobial stewardship practices.

Eric Gillet, PharmD

Infectious Diseases Clinical Pharmacist

Director, Outpatient Antimicrobial Stewardship Program



Dr. Gillett is an Infectious Diseases Clinical Pharmacist at BWH and director of the outpatient antimicrobial stewardship program. He obtained his PharmD from Northeastern University and completed his infectious diseases pharmacy resident at BWH. His clinical and research interests include pharmacokinetic/pharmacodynamic optimization, outpatient parenteral antimicrobial therapy, and transitions of care.

Jennifer A. Johnson, MD

Clinical Director, Antimicrobial Stewardship Program



Dr. Johnson is the Clinical Director for the BWH Antimicrobial Stewardship Program and an active clinician-educator in the Division of Infectious Diseases. She is also the Clinical Director for Infectious Diseases Ambulatory Services at BWH and a co-investigator with the NIAID-funded Harvard HIV Vaccine Clinical Trials Unit. In addition to antimicrobial stewardship, her clinical and research interests include HIV/AIDS, infections in pregnancy and during family planning, LGBT health, and vaccines.

Michael Klompas, MD, MPH

Hospital Epidemiologist



Dr. Klompas is an infectious disease physician and Hospital Epidemiologist at BWH. He has [published widely](#) on the development of novel surveillance metrics for healthcare associated infections, prevention and management of hospital-acquired pneumonia, benefits and risks associated with sepsis care mandates, defining the optimal balance between timely and effective treatment for pneumonia and sepsis while limiting overtreatment, respiratory virus transmission dynamics and infection control policies to prevent the spread of respiratory viruses in healthcare, and the management and control of hospital-based infectious clusters.

David Kubiak, PharmD

Infectious Diseases Clinical Pharmacist

Co-Director, Antimicrobial Stewardship Program



Dr. Kubiak is an Infectious Diseases Clinical Pharmacist at BWH and has [published](#) on antimicrobial stewardship and antimicrobial pharmacology, dosing antimicrobials in patients with obesity, adverse effects associated with new and novel antimicrobial agents, management of central line associated bloodstream infections, and clinical diagnostics for infectious diseases. He is a co-director of the antimicrobial stewardship program and also provides clinical support to the Division of Infectious Diseases and Department of Pharmacy Services.

Jessica S Little, MD

Associate Clinical Director, Antimicrobial Stewardship Program



Dr. Little is the Associate Clinical Director of the BWH Antimicrobial Stewardship program and an infectious disease physician specializing in the care of transplant and oncology patients. After completing her internal medicine residency at BWH, she completed her infectious disease fellowship at the MGH-BWH combined program and transplant infectious disease fellowship at BWH. Her clinical and research interests include the diagnosis, management, and prevention of infections in immunocompromised patients.

Jeffrey Pearson, PharmD

Infectious Diseases Clinical Pharmacist

Co-Director, Antimicrobial Stewardship Program



Dr. Pearson is the Program Director for the Infectious Diseases Pharmacy Residency at Brigham and Women's Hospital and co-director of the antimicrobial stewardship program. His areas of interest include antimicrobial stewardship, antimicrobial pharmacokinetics and pharmacodynamics, COVID-19, and nontuberculous mycobacterial infections, and he has [published](#) on a variety of infectious diseases-related topics.

Chanu Rhee, MD, MPH

Associate Hospital Epidemiologist



Dr. Rhee is an infectious disease and critical care physician and Associate Hospital Epidemiologist at BWH. His clinical and research interests include sepsis, infection control and healthcare epidemiology, and infections in critically ill and immunocompromised patients, with a particular focus on using electronic health record data to improve disease surveillance, diagnosis, prevention, treatment, and quality of care. He has [published](#) numerous studies that have leveraged local and national datasets to inform clinical care, research, quality improvement, and healthcare policy related to these topics.