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Dr. Carlene Muto is Associate Professor, Epidemiology and Medicine, Division of Infectious Diseases at the University of Pittsburgh School of Medicine in Pittsburgh, PA. Dr. Muto also serves as the Medical Director of Infection Control and Hospital Epidemiology at the Center for Quality Improvement and Innovation at the UPMC Health System.

After completing her Master of Science in Health Evaluation Sciences at the University of Virginia, Virginia Graduate School of Arts and Sciences in Charlottesville, VA, Dr. Muto went on to receive her Doctor of Medicine from Temple University School of Medicine in Philadelphia, PA. Dr. Muto then completed her internal medicine residency at Temple University Hospital and her infectious diseases fellowship at the University of Virginia Health Center.

A nationally recognized leader in reducing hospital infection rates, Dr. Muto's research interests include the control of antibiotic-resistant organisms, such as methicillin-resistant *Staphylococcus aureus* (MRSA), vancomycin-resistant enterococci (VRE), and *Clostridium difficile*. She has also studied the use of electronic surveillance to identify important pathogens and the effects of mandatory public reporting of hospital-acquired infections. As a result of her groundbreaking work, she has been invited to lecture around the world on effective infection control strategies.

Dr. Muto chairs the Society for Healthcare Epidemiology of America's (SHEA) Antibiotic Resistance Task Force and was the first author of the SHEA Guideline on Preventing Spread of Antibiotic Resistance. She is also a member of and medical advisor to the Southwestern Pennsylvania Professionals in Infection Control (SWPPIC) Regional MRSA Prevention Collaborative.