

**Brief Snapshot Bio – Updated Jan 2025**  
**Charles E. Edmiston, Jr., MS, PhD, SM (ASCP), CIC (CBIC),**  
**FIDSA, FSHEA, FAPIC, FSIS**

- Dr. Charles Edmiston is Emeritus Professor of Surgery in the Division of Vascular Surgery, Medical College of Wisconsin in Milwaukee, Wisconsin & Adjunct Professor, Vanderbilt University School of Medicine, Nashville, Tennessee.
- Director and Professor, Surgical Microbiology and Hospital Epidemiology Research Laboratory, Department of Surgery, Medical College of Wisconsin (1984-2017)
- Hospital Epidemiologist, Froedtert Hospital, Medical College of Wisconsin (1995-2017)
- SSI Expert Liaison, Surgical Champion, State of Wisconsin Division of Public Health (2014-2021)
- Completed Doctorate at Vanderbilt University in Nashville, Tennessee, joining the Surgical faculty in Milwaukee in 1984 to develop a surgical infectious disease research program.
- Fellow of the: Infectious Disease Society of American, Association of Practitioners in Infection control and Epidemiology, Society of Healthcare Epidemiology of America, Surgical Infection Society
- Board credentialed in both Infection Control (CBIC) and as a Specialist in Clinical Microbiology (ASCP).
- For 15 years served as a consultant to the Food & Drug Administration as an expert on the infection control implications of implantable biomedical devices, including as Chairman of the General Hospital & Personal Use Device Panel of the Medical Devices Committee of the Food and Drug Administration.
- Served as Surgical Infection Society liaison (SIS) to the Hospital Infection Control Practice Advisory Committee (HICPAC) of the Centers of Disease Control and Prevention (1990-1992)
- Past board member of 7 Editorial Boards/Reviewer including Surgery, American Journal of Infection Control, JAMA Surgery, Prevention Strategist, Journal of Parenteral and Enteral Nutrition, Doody Health Science Publications, Infection Control and Hospital Epidemiology and Surgical Infections.
- Major research interest includes intravascular device-related infections, nosocomial risks in the operating room environment; biomedical-device associated infections; impact of selected risk factors for surgical site infections, perioperative antibiotic prophylaxis, surface disinfection, innovative strategies for reducing the risk of SSIs, molecular epidemiology of surgical site infections and perioperative antisepsis.
- Author of over 400 published peer-reviewed publications including book chapters, editorials reviews, tutorials, guidelines and abstracts.
- Dr. Edmiston has delivered over 500 National and International invited lectures/workshops on such topics as:
  - Epidemiology and pathogenesis of surgical site infections,
  - Surface disinfection in the acute care environment,
  - Nosocomial risks in the operating room environment
  - The Role of biofilms in the pathogenesis of device-related infections,
  - Molecular epidemiology of surgical site infections,
  - Impact of patient risk factor on SSIs,
  - Antimicrobial prophylaxis,
  - Development of implantable antimicrobial devices,
  - Evidence-based interventions to reduce the risk of surgical site infections,
  - Economic impact of evidence-based interventional strategies to reduce the risk of surgical site infections.