# Andrea Flinchum MPH, BSN, RN, CIC, FAPIC

Healthcare-Associated Infection/Antibiotic Resistance Prevention Program Manager Kentucky Department for Public Health Division of Epidemiology and Health Planning Infectious Disease Branch 275 East Main Street, HS1-EJ Frankfort, Kentucky 40621 Office Telephone 502-564-3261 ext. 4248 Office Fax 502-564-2816 <u>ahflinchum@gmail.com</u>

#### PERSONAL INFORMATION

Residential Address Cellular Telephone 284 Larch Lane, Lexington KY 40511 859-333-4765

#### **EDUCATIONAL BACKGROUND**

University of Kentucky, College of Public Health, Lexington, Kentucky **Master of Public Health – May 2012** Concentration: Health Services Management Capstone Project: "Impact of KY Infection Prevention Boot Camp Training on Infection Prevention Programs Across the State".

Indiana Wesleyan University, Marion Indiana Bachelor of Science in Nursing – 2007

Lexington Community College/University of Kentucky, Lexington Kentucky Associate in Applied Science/Nursing – 1988

# LICENSURE, CERTIFICATION, AND TRAINING

Registered Nurse – Kentucky 1988 - Present

Board Certification in Infection Control (CIC) Certification Board of Infection Control and Epidemiology, Inc. 2008-Present (certification in 2008, re-certification in 2013, current certification expires 12/31/2027)

# **PROFESSIONAL CAREER**

Healthcare-Associated Infection (HAI)Kentucky Department for Public HealthPrevention Program CoordinatorDivision of Epidemiology and Health Planning2012 – PresentInfectious Disease BranchFrankfort, Kentucky

11ugust 2, 2022	Allulea Fillichulli Mi II, DSN, NN, GG, FAI N
HAI Prevention Program Infection Prevention Nurse Consultant 2011 - 2012	Kentucky Department for Public Health Division of Epidemiology and Health Planning Infectious Disease Branch Frankfort, Kentucky
Infection Prevention Nurse Contractor Supervisor 2012- Present	University of Kentucky College of Public Health Lexington, Kentucky
Infection Prevention Nurse Contractor 2011-2012	University of Kentucky College of Public Health Lexington, Kentucky
Infection Preventionist 2005 - 2011	UK HealthCare Lexington, Kentucky
Staff Nurse, Critical Care Division 1990 - 2005	UK HealthCare
Staff Nurse, Medical/Surgical 1988 - 1990	UK HealthCare
<ul> <li>PROFESSIONAL AFFILIATIONS <ul> <li>Association for Professionals in Infection</li> <li>2005 - Present</li> <li>Bluegrass Chapter of Association for Profe</li> <li>Control and Epidemiology</li> <li>2005 - Present</li> <li>West Kentucky Chapter of Association for</li> <li>Infection Control and Epidemiology</li> <li>2016 - Present</li> <li>Kentuckianna Chapter of Association for Infection for Profesion</li> <li>Control and Epidemiology</li> <li>2016 - Present</li> <li>Control and Epidemiology</li> <li>2016 - Present</li> <li>Council of State and Territorial Epidemiol</li> <li>2014 - Present</li> <li>Council of State and Territorial Epidemiol</li> <li>2014 - Present</li> <li>University of Kentucky Alumni Association</li> </ul> </li> </ul>	essionals in Infection r Professionals in Professionals in Infection ogists logists HAI subcommittee
Council for Outbreak Response: Healthca Pathogens 2017 – Present	are-Associated Infection and Antimicrobial-Resistant

2017 – Present

# **ELECTED OFFICES**

Bluegrass APIC Chapter (Educational Chair) 2009-2010, Chapter President 2014 - 2015

# AWARDS AND HONORS

Sally Reeves Recognition Award Recipient 2015

Public Service Recognition Week – 2019 Appreciation Award given by Secretary Thomas B. Stephens, Personnel Cabinet, Kentucky State Government. Award given May 4, 2019

#### **PROFESSIONAL APPOINTMENTS**

Kentucky Department for Public Health

Kentucky State Regional Infection Prevention and Epidemiology Program (K-STRIPE) Healthcare-Associated Infections Advisory Committee, Co-Chair 2012-Present

Certification Board of Infection Control and Epidemiology, Inc. Practice Analysis Review and Test Specification Development Team Appointed in 2014-2016, Reappointed in 2016 – 2018, Reappointed in 2019. Board Of Directors, appointed January 1, 2021

Sigma Theta Tau Nursing Honor Society, Delta PSI Chapter 2011-2019

Fellow, Association of Infection Control & Epidemiology (FAPIC), appointed by the Association of Infection Control and Epidemiology (APIC) March 2021.

#### **OTHER APPOINTMENTS**

Honorable Order of the Kentucky Colonials Nominated and inducted – 2013 and 2021

National Society Daughters of the American Revolution Inducted 2016 Big Spring Chapter, Georgetown, Kentucky

#### **ABSTRACTS AND POSTERS**

Spicer, K., Cox, K., Zinner, R., & **Flinchum, A.** *"Carbapenem-Resistant Enterobacteriaceae in Kentucky – Initial Six Months of Mechanism Testing"*. Presented at ID Week 2018 in San Francisco, California October 2018.

Spicer, K., Roser, L., & **Flinchum, A.** *"Klebsiella pneumoniae Carbapenemase and Verona Integron-Encoded Metallo-B-Lactamase among Carbapenem-Resistant Enterobacteriaceae"* Presented at ID Week 2018 in San Francisco, California October 2018.

Porter, K., Hoven, A., Dott, M., & **Flinchum, A**. *"Outpatient Antimicrobial Prescriptions in Kentucky, 2013-2014"*. Presented at the Council of State and Territorial Epidemiologists annual conference in Anchorage, Alaska June 2016.

Daniels, K., Wiemken, T., & **Flinchum, A**. *"Outbreak Investigation of Carbapenem-Resistant Enterobacteriaceae in a Long-term Acute Care Facility"*. AJIJ 2016 presentation #41. Presented as an abstract at the 43<sup>rd</sup> Annual Association of Professionals in Infection Control and

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Epidemiology Education Conference and International Meeting in Charlotte, North Carolina June 2016.

Rush, C., Tobias, J, Grooms, W., Roser, L. & **Flinchum, A.** *"Application of Pulsed-Field Gel Electrophoresis Subtyping to the Investigation of a Healthcare-Associated Infection Outbreak in Kentucky"*. Presented at the Council of State and Territorial Epidemiologists annual conference in Nashville, Tennessee June 2014

Groenewold, M., Russell, L., Konkle, S., Geisbrecht, K., **Flinchum, A.,** Roser, L. & Brawley, R. *"Investigation of a cluster of rapidly-growing Mycobacteria infections associated with joint replacement surgery in a Kentucky Hospital"*. Presented at the Council of State and Territorial Epidemiologists annual conference in Nashville, Tennessee June 2014

Chang, P., Kearney, P., Blanton, K. & **Flinchum, A.** *"Early Removal of Unnecessary Central Lines is the Most Important Element of CLABSI Prevention Bundle"*. Presented at the 2014 Surgical Infection Society Meeting in Baltimore, Maryland April 30- May 3, 2014.

Sands, R., **Flinchum, A.,** Rush, C., Groenewold, M., Brawley, R. & Dove, M. *"Decreasing Clostridium difficile Infections in the Long-Term Care Population: A Statewide Collaborative Project in Kentucky"*. Presented at the Council of State and Territorial Epidemiologists annual conference in Pasadena, California June 2013.

**Flinchum, A.,** Swiderski, P., Harris, C., Nelson, C., Steele, J., Turner, M. & Chang, P. *"A Novel, Inter-Departmental Collaborative Effort to Identify Ventilator-Associated Pneumonia Utilizing Information Technology, Administrative Billing Codes and Traditional Surveillance Methodology".* AJIJ 2011 publication #15-238. Presented as a poster at the 38<sup>th</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting in Baltimore, Maryland June 2011.

**Flinchum, A.,** Harris, C., Swiderski, P., Nelson, C., Conigliaro, J. & Chang, P. *"Novel Five Tier Approach to Reduce Central Line-Associated Blood Stream Infections in an Academic Medical Center".* AJIC 2010, publication # 4-020. Presented at the 37<sup>th</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting in New Orleans, Louisiana July 2010. Also presented at University of Kentucky Nursing Research Papers Day, November 2010.

**Flinchum, A.,** Harris, C., Swiderski, P., Swartz, C. & Nelson, C. *"A collaborative, Multidisciplinary Infection Control Escalation Plan to Enforce Zero Tolerance of Multi-Drug Resistant Organisms in Adult Intensive Care Units"*. AJIC 2008, publication #11-117. Presented at the 35<sup>th</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting in Denver, Colorado June 2008.

**Flinchum, A.,** Harris, C., DeVerges, J., Cumming, S. & McCormick, M. *"Infection Control: The Role of Facilitator in Process Improvement to Ensure Safety of Reprocessed Medical Equipment"*. AJIC 2007, publication # 11-154. Presented at the 34<sup>th</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting in San Jose, California June 2007.

Swiderski, P., **Flinchum, A.,** Harris, C., Herman, M., Fister, R. & Nelson, C. *"A Collaborative, Multidisciplinary Approach to Investigating Clusters of Infections and Improving Orthopedic Surgical Outcomes".* AJIC 2009 Publication 13-148. Presented at the 36<sup>th</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting in Ft. Lauderdale, Florida June 2009.

McCormick, M., Harris, C., **Flinchum, A.,** Overman, S., Beavers, S, Blossom, D. & Srinivasan, A. "An outbreak of Multidrug Resistant Acinetobacter: *The Effectiveness of a Multifaceted Approach to Control".* Presented at Society for Healthcare Epidemiology of America Annual Conference in April 2007 at the 34<sup>th</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting. in San Jose, California June 2007.

Harris, C., **Flinchum, A.,** Knoll. C., Cooley, S. & McCormick, M. *"Rapid Response: Real Time Capturing of Significant Organisms by a Simple Computer Based Tracking System"*. AJIC 2006 Publication #950295. Presented at the 33<sup>rd</sup> annual Association of Professionals in Infection Control and Epidemiology Educational Conference and International Meeting in Tampa, Florida June 2006.

McCormick, M.I., Berry, S., Harris, C., **Flinchum, A.** & Kearney, P. *"Systems Based Practice Change: Persistence of an Effect on Surgical Prophylaxis"*. Presented at the 43<sup>rd</sup> annual Infectious Disease Society of America meeting in San Francisco, California October 2005.

# COMMUNITY EDUCATION

Kentucky AIDS Education Training Center on Infection Control Guest lecturer, 2007 & 2008

# PUBLICATIONS

Groenewold, M, **Flinchum, A,** Pillai, A, Konkle, S, Moulton-Meissner, H, Tosh, P, & Thoroughman, D. Investigation of a cluster of rapidly growing mycobacteria infections associate with joint replacement surgery in a Kentucky hospital, 2013-2014 with 8-year followup. American Journal of Infection Control 000 (2022) pages 1-8. Available at <u>https://doi.org/10.1016/j.ajic.2022.06.013</u>

Eldridge, C, **Flinchum, A**, Thoroughman, D, & Spicer, K. A pseudo-outbreak of Burkholderia cepacia complex in a Kentucky Hospital. American Journal of Infection Control, 50 (2022) pages 342-344. Available at <u>https://doi.org/10.1016/ajic.2021.10.028</u>

Goss, L, Volkman, J, Garcia-Houchins, S, Sutton, A, & Glowicz, J. **Practice Analysis Survey Development Team.** A job analysis of knowledge and tasks for the certification in infection control and epidemiology examination. American Journal of Infection Control Volume 49, Issue 12, December 2021, pages 1561-1563.

D.C. Ham, I. See, S. Novosad, M. Crist, G. Mahon, L. Fike, K. Spicer, P. Talley, **A. Flinchum**, M. Kainer, A.J. Kallen & M.S. Walters. Investigation of hospital-onset methicillin-resistant Staphylococcus aureus bloodstream infections at eight high-burden acute care facilities in the USA, 2016. Journal of Hospital Infection, Volume 105, Issue 3, July 2020 Pages 502-508. Available at <u>https://www.sciencedirect.com/science/article/abs/pii/S0195670120301821</u>

Tom J.B. deMan, Anna Q. Yaffee, Dhwani Batra, Efe Alyanak, Maroya Walters, **Andrea Flinchum**, Wenming Zhu, Gillian McAllister, Rachel Slayton, Steven Hancock, Alison Laufer Halpin, Kamile James Rasheed, Judith Noble-Wang, Alexander J. Kallen, & Brandi M. Limbago. Multispecies Outbreak of Verona Integron-Encoded Metalloß-Lactamase-Producing Multidrug resistant Bacteria Driven by a Promiscuous Incompatibility Group A/C2. Clinical Infectious Diseases, ciaa049, April 7, 2020. Available at <u>https://academic.oup.com/cid/advancearticle/doi/10.1093/cid/ciaa049/5817041</u>

Sae-Rom Chae, MD, Anna Q. Yaffee MD, Mark K. Weng, MD, David C. Ham, MD, Kimberly Daniels, RN, Amanda Wilburn MPH, **Andrea H. Flinchum, MPH**, Maroya S. Walters, PhD, & Alexander Kallen, MD. *Notes from the Field*: Carbapenemase-Producing Carbapenem-resistant *Enterobacteriaceae* Among Patient Without Usual Risk Factors – Kentucky 2016. Submitted for publication January 4, 2018 in Centers for Disease Control and Prevention: Mortality and Morbidity Weekly Report (MMWR).

Anna Q. Yaffee, MD, Lynn Roser, MSN, Kimberly Daniels, RN, Kraig Humbaugh, MD, Robert Brawley, MD, Douglas Thoroughman, PhD, **Andrea Flinchum, MPH** *Notes from the Field: Verona Integron-Encoded Metallo-Beta-Lactamase- producing Carbapenem-resistant Enterobacteriaceae – United States 2015* Submitted for publication September 28, 2015 in Centers for Disease Control and Prevention: Mortality and Morbidity Weekly Report (MMWR).

Lita Jo Henman, MPH, CIC, Robert Corrigan MS, Ruth Carrico, PhD, RN, CIC, Kathryn N. Suh MD, FRCPC, CIC, Practice Analysis Survey Development Team, **Practice Analysis Review and Test Specification Development Team**.

Identifying changes in the role of the infection preventionist through the 2014 practice analysis study conducted by the Certification Board of Infection Control and Epidemiology, Inc. American Journal of Infection Control 43 (2015) 664-668. Association for Professionals in Infection Control and Epidemiology, Inc. Elsevier Inc.

# **POSITION STATEMENT**

Council of State and Territorial Epidemiologists (CSTE) Position statement #15-ID-04 Committee: Infectious Disease

Title: Recommendations for Surveillance and Reporting of Healthcare Associated Infections in Long Term Care Facilities.

Submitting Author: Andrea Flinchum, MPH, BSN, CIC

Co-Authors: Kimberly Buffington; Jeanne Negley, MBA; Kimisha Causey (Griffin), MPH; Richard Melchreit, MD & Marion Kainer, MD, MPH.

Presented and passed at CSTE Annual Conference, June 18, 2015, Boston, Massachusetts

# PRESENTATIONS/INVITED LECTURES/ARTICLES

"Multidrug-Resistant Organisms in Long-Term Care Facilities" Cabinet for Health & Family Services Office of Inspector General Division of Health Care Long Term Care Provider Newsletter July 2019

"Infection Prevention and How the HAI Prevention Program Can Help You"

Andrea Flinchum MPH, BSN, RN, CIC, FAPIC

August 2, 2022

Annual March Seminar for NKY Healthcare Professionals Erlanger, Kentucky March 6, 2018

*"Healthcare-Associated Infections, Antibiotic Resistant Organisms, and Emerging Pathogens"* Healthcare Epidemiology Class University of Kentucky College of Public Health Lexington, Kentucky February 28, 2018

"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" Region 10-11 Healthcare Coalition Meeting Floyd County Rescue Squad Prestonsburg, Kentucky May 18, 2017

"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" Region 8-9 Healthcare Coalition Meeting Flemingsburg Training Center Flemingsburg, Kentucky February 10, 2017

"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" Region 13 Healthcare Coalition Meeting Knox County Health Department Barbourville, Kentucky January 26, 2017

"Antibiotic Resistant Organisms and Emerging Pathogens" Field Epidemiology Class University of Louisville College of Public Health Louisville, Kentucky December 1, 2016

*"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms"* Region 14 Healthcare Coalition Meeting Adair County Health Department Columbia, Kentucky October 25, 2016

"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" Region 15 Healthcare Coalition Meeting Veteran's Administration August 2, 2022 Lexington, Kentucky September 22, 2016

*"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms"* Region 1 Healthcare Coalition Meeting Purchase District ADD Office Mayfield, Kentucky September 16, 2016

*"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms"* Region 7 Healthcare Coalition Meeting Northern Kentucky Health Department Edgewood, Kentucky September 15, 2016

"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" Region 12 Healthcare Coalition Meeting Eastern Kentucky Veteran's Center Hazard, Kentucky July 22, 2016

"Transitioning Ebola Planning into Highly Infectious Disease Planning" 2016 Kentucky Public Health Preparedness Summit Center for Rural Development Somerset, Kentucky May 11, 2016

*"Healthcare-Associated Infections"* EPI Rapid Response Training Kentucky Department for Public Health Frankfort, Kentucky April 27, 2016

*"NHSN Definitions and Updates"* IP Boot Camp Lexington, Kentucky March 8, 2016

"Hot Tubs and Operating Rooms: One of these is not like the other, or are they?" KNA Bluegrass Chapter Meeting Lexington, Kentucky January 26, 2016

"Hot Tubs and Operating Rooms: One of these is not like the

other, or are they?" Bluegrass APIC Chapter Meeting Lexington, Kentucky January 15, 2016

"National Healthcare Safety Network Update: CLABSI and SSI" Bluegrass APIC Chapter Meeting Lexington, Kentucky June 18, 2014

*"Healthcare-Associated Infections (HAIs)"* EPI Rapid Response Training Department for Public Health Frankfort, Kentucky May 29, 2014

"Local Health Department and Regional Epidemiologist's Response to Reporting HAIs in Kentucky" Internet Television Presentation Kentucky Department for Public Health Frankfort, Kentucky May 29, 2013

"Healthcare-Associated Infections" EPI Rapid Response Training Kentucky Department for Public Health Frankfort, Kentucky May 6, 2013

*"HAI Prevention Program and Long Term Care: A Novel Approach to CDI Prevention"* Panel Discussion, Healthcare-associated infections Centers for Disease Control and Prevention Atlanta, Georgia Fourth Annual Grantee's Meeting, November 7-8, 2012

*"Infection Control 101"* Medical School Student Orientation University of Kentucky, Guest Lecturer Lexington, Kentucky August 2010

*"Basic Infection Control Practices"* Associate Degree Nursing Program Lexington Community College, Guest Lecturer Lexington, Kentucky Fall Semester 2009 & 2010

"Infection Control Practices"

University of Kentucky College of Nursing BSN Residency Group, Guest Lecturer Lexington, Kentucky 2006 & 2007

# **CEU PROGRAMS**

*"Hot Topics in Infection Control"* (1CEU) LeadingAge Conference Galt House Louisville, Kentucky September 25, 2018

"An Outbreak of Methicillin-Resistant Staphylococcus aureus Infections in an Outpatient Orthopedic Clinic" Lightening Round Council of State and Territorial Epidemiologists Annual Conference West Palm Beach, Florida June 13, 2018

"Building a Successful Infection Control Program" ACT: Achieving Collaborative Transitions Educational Forum Baptist Health Louisville Louisville, Kentucky February 27, 2018

*"Hot Tubs and Operating Rooms: One of these is not like the other, or are they?"* (1 CEU) 8<sup>th</sup> Annual Illinois Statewide Conference on Healthcare-Associated Infections Double Tree Hotel Bloomington, Illinois November 17, 2017

"Understanding the ICAR tool and Using it to Improve the Program" (1 CEU) Kentucky Infection Prevention Boot Camp Carpenters and Millwrights Training Center Louisville, Kentucky September 27, 2017

"Antibiotic Resistant Organisms & Emerging Pathogens" (1 CEU) Healthcare Transparency & Patient Safety Four-Points Sheraton Lexington, Kentucky November 4, 2016

*"Emerging Infections: Health Risks"* (1 CEU) 2016 KNA Convention Holiday Inn Louisville East Louisville, Kentucky November 3, 2016

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"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" (1 CEU) Region 2 Healthcare Coalition Meeting Fire Training Center Princeton, Kentucky October 5, 2016

"Healthcare-Associated Infection Prevention Program History, Mission, Current Threats, and Antibiotic Resistant Organisms" (1 CEU) Region 3 Healthcare Coalition Meeting Green River District Health Department Owensboro, Kentucky September 28, 2016

"Antibiotic Resistant Organisms" (1CEU) LeadingAge Conference Galt House Louisville, Kentucky September 26, 2016

*"Antimicrobial Resistance: The New Reality in Healthcare" (*1 CEU) Kentucky Nurse Association Education Summit Lexington, Kentucky October 2, 2015

"Antimicrobial Resistance: The New Reality in Healthcare" (1 CEU) Infectious Disease Fall Luncheon Florence, Kentucky September 2, 2015

*"Hot Tubs and Operating Rooms: One of these is not like the other, or are they?" (*1 CEU) Association of Professionals in Infection Control and Epidemiology 42<sup>nd</sup> Annual Conference Nashville, Tennessee June 27 – 29, 2015

"Investigation of an Outbreak of Burkholderia cepacia Infections Among Non-Cystic Fibrosis ICU Patients in a Kentucky Hospital" (1 CEU) Council of State and Territorial Epidemiologists Annual Conference Boston, Massachusetts June 14 – 18, 2015

*"Current Update: Ebola Response".* (1 CEU) Northern Kentucky Healthcare Professionals Three Rivers District Medical Reserve Corp Unit Erlanger, Kentucky March 11, 2015

"Superbugs in Our Midst: The New Reality in Healthcare". (1 CEU)

Kentucky Nurse Association – Bluegrass Chapter Lexington, Kentucky January 27, 2015

*"Infection Prevention Core Practices" (1CEU)* Kentucky Association for Healthcare Quality Annual Educational Conference St. Joseph Hospital Lexington, Kentucky August 8, 2014

*"Antibiotic Resistant Superbugs: The New Reality".* (1 CEU) 23<sup>rd</sup> Annual AHEC Summer Conference Rockcastle County High School Mt. Vernon, Kentucky July 17 & 18, 2014

"Carbapenem-resistant Enterobacteriaceae in Long-term Care: How to Effectively Operationalize Transmission-based Precautions" (1 CEU) Association of Professionals in Infection Control and Epidemiology 41<sup>st</sup> Annual Conference Anaheim, California June 7-9, 2014

*"Healthcare-Associated Infections (HAIs)"* 1 (CEU) Internet Television Presentation Kentucky Department for Public Health Nurses April 24, 2014

"Carbapenem-resistant *Enterobacteriaceae*" (1 CEU) Epidemiology Rapid Response Training Annual Conference Versailles, Kentucky May 7, 2013

*"Outbreak Reporting in Healthcare Facilities"* (1 CEU) Kentuckiana APIC chapter Meeting Louisville, Kentucky March 13, 2013

"Ventilator-Associated Events: Understanding the New Protocols" (1 CEU) Western Kentucky APIC chapter meeting Glasgow, Kentucky February 15, 2013

"Healthcare-Associated Infections" (1 CEU) 2012 Infectious Disease Update for Healthcare Professionals University of Kentucky Medical Center Lexington, Kentucky December 7, 2012 *"TB in the Hospital Setting"* (1 CEU) Advanced Provider TB Course, Guest Lecturer KDPH/TB Program Conference Cumberland Falls State Park Corbin, Kentucky November 15, 2012

*"Long-term care and public health: A collaborative project to decrease healthcare-associated infections in Kentucky"* (1 CEU) Association of Professionals in Infection Control and Epidemiology 40<sup>th</sup> Annual Conference June 8-10, 2013 Fort Lauderdale, Florida

*"Topics in Infection Control"* (1 CEU) Bluegrass Society of Radiologic Technologist Bi-Annual Fall Meeting, Guest lecturer Lexington, Kentucky 2007, 2009, 2012, 2014