

# IOWA INFECTION PREVENTION AND CONTROL CONFERENCE

# 2024

Tuesday, May 7th - Wednesday, May 8th



Health and  
Human Services

### **Conference Mission**

The last few years have demonstrated the importance of a strong infection prevention and control program. This conference aims to support infection preventionists by focusing on trending topics, evidence based best practices, resources for infection preventionists, and the advancement of the infection prevention profession.

### **Intended Audience**

This program will be of particular interest to infection preventionists, providers, nurses, and allied health professionals involved with issues and concerns relative to infection prevention.

### **Conference Objectives**

After completing the conference attendees will:

- Demonstrate increased knowledge related to maintaining a compliant and effective infection prevention and control program in the healthcare setting
- Describe examples of infection prevention and control evidence based best practices and recommendations
- Discuss the infection preventionist's role in establishing and maintaining the healthcare environment of care

### **Conference Date**

Tuesday, May 7th - Wednesday, May 8th

### **Location**

Gateway Hotel and Conference Center  
2100 Green Hills Dr.  
Ames, IA 50014

### **Registration**

Registration is available online here:

<https://www.regcytes.extension.iastate.edu/infectionprevention2022/register/>

The Iowa Department of Health and Human Services is providing this educational opportunity to our infection prevention partners. Registration is \$85 for both days or \$50 for one day.

### **Cancellation Policy**

If you need to cancel your registration for the event, cancellations must be submitted in writing to Registration Services at [registrations@iastate.edu](mailto:registrations@iastate.edu). Cancel by noon on Friday, April 26th, 2024, to receive a refund less a \$25 cancellation fee. No refunds after noon on Friday, April 26th, 2024. Substitution is available at no charge.

### **Nursing Contact Hours**

Nursing contact hours have been approved through IBON provider #94. May 7 and May 8 are each awarded 6.1 nursing contact hours for a total of 12.2 if you attend both days. Participants must attend all sessions for each day they are registered in order to be awarded nursing contact hours. No partial contact hours will be awarded. Each participant will sign a check-in roster daily. Nurses may submit conference evaluations directly to the Iowa Board of Nursing (IBON) in lieu of submitting evaluations through the event website. To submit evaluations directly to IBON please send them to:

Iowa Board of Nursing  
400 SW 8th Street  
Suite B  
Des Moines, IA 50309

A certificate of attendance will be provided to non-nursing attendees if requested.

# Program Agenda

## Tuesday May 7<sup>th</sup>

### 7:30-8:25 am

Registration/Breakfast/Vendor Exhibits

### 8:25-8:30 am

Dr. Hennenfent introduce Dr. Kruse

### 8:30-9:00 am

Dr Kruse Welcome and opening remarks

### 9:00-10:00 am

#### **Infection Prevention Workforce Challenges and Opportunities**

*Sarah Smathers MPH, CIC, FAPIC*

The roles and responsibilities of Infection Preventionists (IPs) have dramatically evolved due to increasing emerging diseases threats, shifts in healthcare systems and changing regulatory requirements. This presentation will provide strategies to support the increased demand for infection prevention and control including career development, building a business case, and showcasing value. We will also discuss how IPs can continue to find and foster joy in work.

#### **Objectives:**

- Describe how to recruit, train and retain the next generation of infection preventionists.
- Review strategies for building the financial business case for infection prevention.
- Define approaches for showcasing your infection prevention program.

### 10:00-10:30 am

Snacks and Vendors

**10:30-11:30 am**

**The Lone IPs Survival Guide for Success**

*Pat Jackson RN, MA, CIC, FAPIC*

Being a “Oner” or Solo Infection Preventionist can be challenging. In this presentation Pat Jackson will talk about her transition from a large urban academic medical center to becoming the lone IP at a small community hospital. She will discuss strategies for effectively managing infection prevention programs independently, key resources and tools to enhance efficiencies and how to combat burnout.

**Objectives:**

- Describe three key strategies for effectively managing infection prevention programs independently within a healthcare setting.
- Identify key resources and tools to enhance efficiency and facilitate day to day operations of an infection prevention program.
- Describe the effects of burnout in healthcare personnel and key approaches to mitigate its effects.

**11:30-12:30 pm**

**Understanding Water Safety for Construction — From Design to Occupancy**

*Robin Quinn*

This session focuses on the considerations that the Water Management Team (WMT) should have when asking: “How will we know our building water is safe and ready for occupancy by our staff and the public?” These considerations are framed by the published guidance provided by ANSI/ASHRAE Standard 188 and the CDC, CMS, Joint Commission, and the Facilities Guideline Institute (FGI). Topics covered include how the water management team functions during construction activities, identifies known construction risk factors related to water, and how to use an Infection Control Risk Assessment (ICRA) for water to determine where controls should be applied.

**Objectives:**

- **Understand** how a Water Management Team can utilize guidance from ASHRAE Standard 188:2018 to address water management for construction.
- **Review** construction risk factors and related impacts on water safety.
- **Identify** control locations and risk management strategies for water during healthcare construction activities using the WMC-ICRA Tool

**12:30-1:45 pm**

Lunch / Dessert with Vendors

**1:45-2:15**

**How to Build Water Management into your Infection Control Risk Assessment for Construction**

*Sarah Castro MPH, CIC*

This presentation will describe how one regional healthcare system combined and operationalized the ASHE recommendations for ICRA 2.0 along with recommendations for water management during construction. The presentation will discuss the framework, tools, permits and processes developed to operationalize the combined ICRA. Real-world experiences using the new tools will be discussed, along with tips and tricks for success that were learned along the way.

**Objectives:**

- Identify why water management needs to be included in infection control risk assessments for construction.
- Utilize evidence to create comprehensive infection control risk assessment (ICRA) tools that include water management risks and mitigation strategies.
- Understand how to operationalize an ICRA process that includes water management for construction at your healthcare facility

**2:15-3:15 pm**

**Responding to Legionella: One Hospital's Experience**

*Dr. Loreen Herwaldt*

**Objectives**

- Describe steps in determining if an infection caused by Legionella pneumophila was healthcare or community acquired.
- Identify three different Legionella amelioration systems that have been used in hospitals and other healthcare settings.
- List three possible reservoirs for Legionella in a healthcare setting.

**3:15-3:25 pm**

Break

**3:25-4:10 pm**

**Legionella Investigation and Testing in Iowa**

*Andy Weigel and Ryan Jepson M ASCP*

An overview of Legionella investigation and laboratory testing in Iowa. Topics to include Legionella trends, travel and healthcare associated infections, and laboratory methods used to detect Legionella in clinical and environmental samples. The presentation will also include a case study on Legionella assessment, sample collection, and implementing control measures

**Objectives:**

- Understand the process of Legionellosis investigation in Iowa and what steps providers can take to help the process.
- Identify operation, maintenance, and control limits that limit or prevent Legionella amplification in buildings
- List three laboratory methods of Legionella identification and their limitations.

**4:10-5:10**

**Changing the Game: Understanding Blueprints, Construction, and the Necessity of Infection Prevention**

*Amanda Brown, Christina Mardaus, and Nick Hoffman*

Healthcare construction is unavoidable. The blueprint is a cornerstone of a successful construction project. However, often, Infection Prevention is an oversight. This presentation will focus on empowering those working in infection prevention roles during construction. Using the blueprints as a tool, Infection Prevention can mitigate risk during construction and beyond. Participants in this session will gain a foundational understanding of blueprints and identify useful tools to navigate them in the early stages of construction planning. By better understanding these documents and tools, the IP can use their expertise and apply the design considerations required by the FGI and other state agency design requirements. Incorporating infection prevention requirements during the design phase and on the bid, documents can lead to fewer unforeseen costs and an increase in all patient safety.

**Objectives:**

- Identify the importance of leadership-directed communication that values infection prevention.
- Explain how blueprints and digital blueprint tools can help mitigate risk during construction.
- Describe how the Facility Guidelines Institute (FGI) can provide a proactive approach to the design phase

**Wednesday May 8<sup>th</sup>**

**7:15-7:55 am**

**Breakfast and Registration**

**7:55-8:00 am**

Welcome – Dr. H

**8:00-9:00**

**Disinfectants 101: Mastering the Minutia**

*Marc Oliver Wright MT (ASCP), MS, CIC, FAPIC*

- Describe and differentiate the EPA testing methodologies for determining kill claims and wet/contact kill times between liquids, wipes and residual efficacy (continuously effective) solutions.
- Identify, locate and differentiate production labels from EPA master label information.
- Describe the differentiation between product: surface compatibility and original equipment manufacturers' instructions for use and accreditation risks and efforts you can undertake to mitigate those risks

**9:00- 10:00**

**Infectious Disease Case Studies – a focus on epidemiology and prevention!**

*Lisa Veach MD, FACP, FIDSA, FSHEA*

Several infectious disease cases of interest recently seen in our state will be shared. This will include a summary of the findings on presentation as well as diagnosis. The importance of epidemiologic risk factors and any recent changes in epidemiology will be emphasized as well as measures to prevent these infections.

**Objectives:**

- Describe the changing epidemiology affecting some viral, fungal and bacterial pathogens.
- Understand the impact of epidemiologic considerations on diagnosis of infectious diseases presenting in patients seen in your health systems.
- Be aware of expanded or updated prevention guidance as it relates to these pathogens.

**10:00-10:10 am**

Break

**10:10-11:10 am**

**Optimizing Safety: Avoiding Pitfalls when Matching Isolation Gowns and Respiratory Protection to Healthcare Settings.**

*James Davis MSN, RN, CCRN-K, HEM, CIC, FAPIC and Karen Haberland*

The purpose of this presentation is to highlight current test methodology used to evaluate the effectiveness and quality of isolation gowns and masks commonly used across the healthcare continuum. The presenters will point out current testing standards and potential areas for improving that methodology in terms of healthcare applications. Presenters will cover common clinical failure points and relay deidentified true stories from our patient safety organization (PSO) data related to gown failures. At the conclusion of the presentation the attendees will have a firm grasp of industry-wide issues concerning these two types of PPE, and how they can influence gown and mask selection and purchasing decisions to ensure safe use.

**Objectives:**

- Summarize methods used to test gown and mask quality.
- State at least one common failure point related to isolation gown performance.
- Describe key performance indicators for both gown and mask selection.
- Identify the difference between a mask and a respirator.

**11:10-12:10 pm**

**An Ounce of Prevention is worth a Pound in Cure: The Future of Healthcare Associated Infections in Iowa**

*Dr. Andrew Hennenfent DVM, MPH, DACVPM*

With the rise of multidrug resistant organisms (MDROs), including *Candida auris*, in the U.S. and in Iowa the Iowa Department of Health and Human Services is here to be your partner during your journey to improve infection prevention and control.

**Objectives:**

- Understand *Candida auris* epidemiology in the U.S. and Iowa
- Describe how Iowa HHS mitigates healthcare associated infections and outbreaks,
- Identify where to find educational resources.
- Discuss the future of infection prevention.

**12:10-1:00 pm**

Lunch



**1:00-2:15 pm**

**Annual Risk Assessment: A Key to Program Success**

*Angel Mueller MPH, CIC, FAPIC and Lisa Caffery MS, BSN, RN, Med/Surge-BC, CIC, FAPIC*

This interactive workshop will focus on how to conduct an annual infection prevention risk assessment, applicable to any healthcare setting, and how to use information from the risk assessment to develop an infection prevention and control plan.

**Objectives:**

- Describe the need for and importance of completing an annual infection prevention risk assessment.
- Complete an annual infection prevention risk assessment.
- Utilize a risk assessment to develop an annual infection prevention plan.

**2:15-2:30 pm**

Break

**2:30-3:30**

**TB In Iowa: Statistics, Trends & Other Stuff**

*Allan Lynch and Shirlee Hasstedt*

A broad overview of TB morbidity on a global, national and state and county level.

**Objectives:**

- Understand the fundamental difference between LTBI and TB disease
- Know when to use the GeneXpert (PCR/NAAT) test
- Understand the criteria to release TB suspected patients from AIIR
- Profile patients by country of origin
- Demonstrate the proper method to collect sputum

## Speakers



### **SARAH SMATHERS, MPH, CIC, FAPIC**

Sarah Smathers, MPH, CIC, FAPIC is the System Director of Infection Prevention and Control (IPC) for the Children’s Hospital of Philadelphia (CHOP). Sarah serves on the Association for Professionals in Infection Control and Epidemiology (APIC) Board of Directors. She has recently served as Chair of the Public Policy Committee for APIC and previously served as President of the Delaware Valley/Philadelphia APIC Chapter.

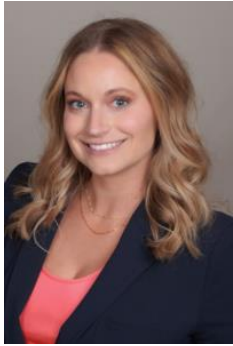
Sarah is a member of the APIC Infection Prevention Academic Pathway and has a passion for growing the next generation of infection preventionists. She is an Affiliate Faculty and co-founder of the Infectious Disease Prevention and Control Certificate and Infection Prevention Master of Science at Drexel University’s Dornsife School of Public Health. In 2020, she joined the Public Health Steering Committee to establish the first county health department for Delaware County, PA, where she resides. She is also a member of the Solutions for Patient Safety (SPS) Infection Prevention Advisory Group and recently served as the APIC liaison to the Healthcare Infection Control Practices Advisory Committee (HICPAC). Sarah is certified in Infection Control and an APIC fellow with a special interest in infection prevention program development.



### **PAT JACKSON RN, MA, CIC, FAPIC**

Pat Jackson is the 2024 Immediate Past President of the Association of Professionals in Infection Control and Epidemiology. She is the Director of Infection Prevention at White Rock Medical Center in Dallas, TX. She has been an infection preventionist for the past 30 years. She has worked in both adult and pediatric healthcare facilities but considers pediatrics to be her area of expertise. She most recently served APIC in elected roles as

Treasurer and member of the Board of Directors. Pat’s passion is mentoring new IPs. She served as an original author on APIC’s Roadmap for the Novice Infection Preventionist and spent many years as a faculty member to APIC’s epidemiology training courses. Pat believes we need to attract and retain the next generations of IPs in order to APIC to reach its potential. Pat spent the majority of her career in large academic teaching hospitals. In 2022 she transitioned to a small community hospital where she became a “one-er”. She has enjoyed the small town feel of knowing everyone and has a new appreciation for the lone IP. The lone IP by their very nature becomes a master of everything and often with less than IPs at larger facilities. Pat earned her Bachelor of Science degree from Baylor University and has been certified in infection control since 1996. In 2016 she was a member of the inaugural class of APIC fellows.



### **ROBIN QUINN**

Robin joined Phigenics as an Account Manager in 2023. Her primary responsibilities include developing and facilitating comprehensive water management programs to optimize safety and efficiency in potable and non-potable water systems. She specializes in projects related to water management for sterile processing and water safety commissioning for construction, renovation, and expansion projects. Robin's affinity for data-driven decision-making stems from her Pharmacy and Biochemistry background, especially in infection control. Robin has supervised a nutritional analysis lab in Des Moines and focused on interpreting chemical and microbiological test results via analytical software.



### **SARAH CASTRO, MPH, CIC**

Sarah Castro, MPH, CIC is the Lead Infection Preventionist at UnityPoint Health Trinity, a regional integrated healthcare system including four full-service hospitals in Iowa and Illinois with a total of 555 licensed inpatient beds. Sarah has been an Infection Preventionist since 2018, certified since 2021, and is currently a Board Member for the Eastern Iowa APIC chapter. She has a master's degree in public health from St. Louis University with experience in conducting, utilizing, and translating research. Using evidence to drive practice is a key characteristic of Sarah's approach to infection prevention, as her work focuses on applying evidence in a way that is understandable and accessible for all healthcare partners.



### **LOREEN HERWALDT**

Dr. Herwaldt is a professor of Internal Medicine at the University of Iowa Carver College of Medicine and a Professor of Epidemiology in the University of Iowa College of Public Health. She served as the hospital epidemiologist at the University of Iowa Hospitals and Clinics for > 20 years. She currently does infectious diseases consults and continues to do research on healthcare-associated infections. She has investigated clusters of infections and she has

studied the epidemiology of several organisms that cause healthcare-associated infections, including staphylococci and Legionella. Her recent work has addressed risk factors for and prevention of surgical site infections (SSI) and healthcare workers' risk of self-contamination while removing personal protective equipment. She currently is the principal investigator (PI) for the University of Iowa's CDC Prevention Epicenter grant and she is the project PI for 2 of the 7 projects and the PI on another grant from CDC. She is also partnering with Vickie Miene, who directs the Institute for Public Health Practice, Research and Policy, to do tabletop exercises on *Candida auris* and carbapenem-resistant *Acinetobacter baumannii*. During 1999-2000, she took developmental leave to study narratives of illness and interview authors to learn about their experiences of getting healthcare for illnesses, injuries, and disabilities. In 2008, the University of Iowa Press published her book *Patient Listening: A Doctor's Guide*, which grew out of the interviews she conducted with the authors. In 2012, she received the Society for Healthcare Epidemiology of America's mentor scholar award and in 2016, she received the University of Iowa Graduate College's Outstanding Faculty Postdoctoral Mentor Award.



### **RYAN JEPSON, M ASCP**

Ryan Jepson is the Environmental Microbiology Manager at the State Hygienic Laboratory at the University of Iowa. Ryan graduated with a degree in Microbiology from the University of Iowa in 2006 and started as a laboratory scientist in the Bacteriology section in 2008. During his time in Bacteriology, Ryan worked and oversaw several CDC programs such as PulseNet, Tuberculosis Cooperative Agreement, Laboratory Response Network, and the Antibiotic Resistance Laboratory Network. In Ryan's current role he is responsible for overseeing water and food testing for the Safe

Drinking Water Act, FDA LFFM and Food Emergency Response Network, National Wastewater Surveillance System, and Environmental Legionella Testing



### **ANDY WEIGEL**

Andy Weigel has over 24 years of experience working in state and county public health to prevent a variety of infectious diseases. His current position is the Influenza Epidemiologist for the Iowa Department of Health and Human Services. In that position, he collects and summarizes data for Iowa's weekly respiratory virus surveillance reports, reviews legionellosis reports for possible outbreaks or common sources and provides consultation on a variety of infectious disease topics. Recent additions to Andy's responsibilities include wastewater surveillance and syndromic surveillance data analysis.



### **AMANDA BROWN**

Amanda has a passion for teaching and learning. She earned her teaching degree from the University of Minnesota-Duluth and continued to earn her Master of Education from Concordia University-Portland. She has served as an educator in various capacities including serving at-risk youth and leading adult education programming. As an Education Specialist for Carpenters Training Institute in St. Paul, Minnesota, she uses her skills as an educator to provide ICRA healthcare construction best practice training to contractors, facility staff, and healthcare professionals. In her spare time, Amanda enjoys attending her children's sporting events and spending time with family.



### **NICK HOFFMAN**

As a carpenter instructor at the Carpenters Training Institute, Nick enjoys teaching members to be successful in the world of carpentry. Along with teaching wood frame, print reading, concrete forms, and OSHA classes, Nick also strives to help prepare the next wave of Union carpenters to be successful in the digital world of construction through the use of 3D modeling tools, BIM technologies, and construction management software. He is proficient in systems like Procore, Navisworks, and Sketchup and enjoys finding ways to incorporate these technologies into more efficient work processes. In his free time, Nick enjoys hiking trips, playing volleyball, and soaking up as much time as he can with his 14-year-old Pitbull, Stella.



### **CHRISTINA MARDAUS**

Christa Mardaus has worked in the construction industry for 20 years, gaining experience in large commercial projects, multi-family wood frame, and healthcare construction. As a seasoned instructor, she is passionate about improving Infection Control Risk Assessment (ICRA) awareness and communication. In addition to training, she is also involved in committees such as curriculum development and W.I.C. Christa has trained leaders in carpentry at the Carpenters International Training Center. She has been asked to lead Diversity, Equity, and Inclusion sessions for contractors and trade partners as well as organizations like the National Association of Women in Construction (NAWIC). She has spoken at various state healthcare engineering conferences for the Minnesota Healthcare Engineering Association (MHCEA), Wisconsin Healthcare Engineering Association (WHEA), and the North Dakota Engineering Society (NDHES). Christa also has spoken at various national and state events for the Association for Professionals in Infection Control and Epidemiology (APIC). Outside of the office, Christa enjoys hockey games, horse shows, and family time.



### **MARC-OLIVER WRIGHT MT (ASCP), MS, CIC, FAPIC**

Marc-Oliver Wright, MT (ASCP), MS, CIC, FAPIC is the clinical science liaison for the central region at PDI, Inc. He began working in infection prevention 1999 including as corporate director of infection control and quality improvement for NorthShore University HealthSystem in Evanston, Illinois. He is a board certified in infection prevention and is a Fellow of the Association for Professionals in Infection Control and Epidemiology (APIC). He has previously served APIC at the chapter level as president of the Chicago chapter, nationally as a member of the board of directors, as national Treasurer and editorial board member and section editor for the American Journal of Infection Control from 2009-2019 and has over 70 publications in the peer reviewed literature. He currently serves as Treasurer for APIC-Consulting

## **LISA VEACH, MD, FACP, FIDSA, FSHEA**

Lisa Veach is an Infectious Disease physician with UnityPoint Health in Des Moines. She completed medical school, Internal Medicine residency and Infectious Disease fellowship at the University of Iowa and has been in the practice of clinical Infectious Disease in Des Moines since 1990. She has worked to expand access to infectious disease by establishing telehealth programs with outlying hospitals for real time care of inpatients as well as multi-disciplinary antimicrobial stewardship rounds. She is active in the Internal Medicine Residency Program, where she has been awarded the Internal Medicine Teacher of the Year on three occasions. Lisa has served as the Infection Control Officer for UnityPoint Health – Des Moines since 1996 and was appointed Infection Prevention Medical Director for UnityPoint Health system-wide in 2022.



## **JAMES DAVIS, MSN, RN, CCRN-K, HEM, CIC, FAPIC**

James Davis has over 25 years of nursing experience, spanning long-term care, adult critical care, clinical decision support, education, nurse management, and infection prevention. Currently, he serves as Manager of Infection Prevention Control at ECRI, managing local, national, and international response and multidisciplinary teams, delivering actionable plans to mitigate or eliminate threats related to infectious pathogens. Mr. Davis has also worked at Abington Memorial Hospital (now Jefferson Abington); The Pennsylvania Patient Safety Authority; and consulted with Lippincott Williams & Wilkins, Wolters Kluwer. Mr. Davis has an active RN license in the state of Pennsylvania. He is board-certified in infection control and epidemiology (CIC) and holds certifications in healthcare environmental management (HEM) and adult critical care nursing (CCRN-K). He is a member of the Association for Professionals in Infection Control and Prevention (APIC), is an APIC Fellow (FAPIC), has served as President of the Philadelphia/Delaware Valley Chapter, and is a past Chair of APIC's National Research Committee. Mr. Davis has provided educational programs on infection control topics for risk management groups and patient safety organizations, as well as for hospitals, long-term care facilities, and ambulatory surgery systems. He designed the second version of the Pennsylvania Patient Safety Authority's long-term care healthcare-acquired infection reporting system and analytics programs; he also developed tools and resources for healthcare facilities to translate and implement research into clinical practice as part of work for the Advisory, a peer-reviewed journal of the PA. Patient Safety Authority. Mr. Davis has authored multiple infection prevention and control articles and is published in several international peer reviewed journals. Mr. Davis holds a Bachelor of Science in Nursing from Immaculata University and a Master of Science in nursing education from Gwynedd Mercy University.



**KAREN HABERLAND**

Karen has been at ECRI since 2020 and is a Senior Project Officer in the Device Safety group. Karen has a master's degree in mechanical engineering and is experienced in both new product development and regulatory consulting. Since joining ECRI her focus has been on the development of specifications and test methodologies for and the evaluation of personal protective equipment, vaccine administration supplies, and cardiovascular technologies.



**ANDREW HENNENFENT DVM, MPH, DACVPM**

Dr. Andrew Hennenfent, DVM, MPH, DACVPM, is the Healthcare Associated Infections (HAI) Program Manager for the Iowa Department of Health and Human Services (HHS) where he oversees the planning and response of antimicrobial stewardship efforts and infection prevention technical assistance provided to Iowa healthcare personnel to improve infection control practices in all settings. Dr. Hennenfent completed an applied epidemiology fellowship in infectious disease at the District of Columbia Department of Public Health then oversaw the city's emerging and zoonotic disease program and served as the city's public health veterinarian. Dr. Hennenfent has worked for the State of

Iowa since 2018.





**LISA CAFFERY, MS, BSN, RN, Med/Surge-BC, CIC, FAPIC**

She is a member of the:

Association for Professionals in Infection Control and Epidemiology,  
INC Eastern Iowa Association for Professionals in Infection Control  
and Epidemiology

American Nurses' Association, Iowa Nurses' Association  
Sigma Theta Tau

Ms. Caffery is currently a member of the APIC Board of Directors serving as a director at-large. She is currently the chair of the APIC Ethics Committee, a past chair of the APIC Professional Development Committee, and served as a member of the APIC Competency Revision Task Force. She is a clinical editor for the APIC Text-On-line, and as a contributing author to the CIC Certification Study Guide. She has presented at both state and national conferences on multiple infection prevention and control topics.

She maintains certification in Infection Prevention and Control through CBIC and in Medical-Surgical Nursing through the American Nurses Credentialing Center. In 2016, she received recognition as an APIC Fellow.

Other honors:

- 2007 100 Great Iowa Nurses
- 2012 Dorothy A. Rasley, Iowa Infection Control, Practitioner of the Year Award
- 2019 APIC Chapter Leader Award
- 2020 Genesis Health System Legend award



**Angel Mueller, MPH, CIC, FAPIC**

Angel Mueller, MPH, CIC, FAPIC, is the System Director of Infection Prevention at UnityPoint Health. She has been an Infection Preventionist since 2009, Certified in Infection Prevention and Control since 2011 and an APIC Fellow since 2017. She has served as Education Chair and President of the Eastern Iowa APIC Chapter, assisted in planning multiple Infection Prevention Conferences in the state of Iowa and was the recipient of the 2019 Dorothy A. Rasley Iowa Infection Preventionist of the Year Award. She was a member of the APIC Professional Development Committee from 2018 through 2023 and served as Chair of the Committee in 2022 and 2023. Through her work on the Professional Development Committee, Angel helped develop the updated APIC IP Competency Model and was a participating author of the article introducing the model. Angel is passionate about disseminating the competency model and supporting professional development for Infection Preventionists throughout the world.



### **SHIRLEE HASSTEDT**

Shirlee Hasstedt is an accomplished registered nurse with over forty-three years of experience. Since 2015, she has been the TB Nurse Consultant for the State of Iowa. Call 515-281-8636 and she will assist you with all your TB related questions.

The most urgent questions often involve active tuberculosis cases who are quite ill. They could be about isolation requirements, obtaining proper specimens for diagnosis, and even concerns about if an exposed staff could take TB home to their family. Do not be afraid to call and ask her a question. Most staff do not deal with TB often. Always know that Shirlee's recommendations will reflect the most current TB guidelines.

### **ALLAN LYNCH**

Allan Lynch has been the TB Program Manager since August of 2001. During this time, he has overseen the implementation of many changes to the Program that have significantly improved how we diagnose, treat and cure patients with both LTBI and TB disease in Iowa including, but not limited to:

- Oversaw the original development of the TB Contacts Reporting system in IDSS, the main management tool for contact investigations by local public health agencies.
- He is currently working on a major revision in IDSS TB Contacts to track and monitor window period prophylaxis for children < 5 years of age who are close contacts to infectious TB patients, a first of its kind tracking in the U.S.
- He wrote the Iowa Administrative rules for revising baseline TB screening and testing for health care workers and residents in licensed facilities in Iowa. Due to this, you only are tested for TB at the time of hire. If you are getting tested for TB on a serial basis, you may want to speak to him!
- Updated TB Reporting requirements
- Developed policies, procedures and law for ensuring infectious TB patients are properly isolated and released when criteria for non-infectiousness is met and the patient completes TX until cured. These policies and laws are consistent with clinical recommendations by the CDC/ATS (American Thoracic Society)/IDSA (Infectious Disease Society of America) published guidelines.
- Ensures the TB Program recommendations for diagnostic evaluation, treatment regimens and other control efforts remain consistent with published guidelines from the CDC/ATS and