

SHEA/CDC Training Course in Healthcare Epidemiology

May 22-25, 2010

Hilton St. Louis at the Ballpark · St. Louis, MO



This course is designed for:

- Fellows seeking basic training in hospital epidemiology
- Infection control chairs
- Infectious diseases physicians
- Infection preventionists
- Microbiologists
- Public health officials
- Other healthcare providers seeking knowledge in healthcare epidemiology and infection prevention.

Epidemiology and surveillance • Epidemic and cluster investigation • Transmission and control of nosocomial infections • Disinfection and sterilization • Employee health • Isolation systems • Regulatory compliance • Quality improvement • Patient safety

- Sponsored by the Society for Healthcare Epidemiology of America (SHEA). SHEA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. SHEA designates this educational activity for a maximum of 23.5 AMA PRA Category 1 Credits™.
- This activity has been submitted to the Virginia Nurses Association for approval to award 23.5 contact hours. The Virginia Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.



30 years of leadership in science, research, and education.

SHEA's more than 1,800 members represent the field of healthcare epidemiology in North America and abroad.

The SHEA/CDC Course has provided training for over 3,000 physicians, infection preventionists, and other health professionals.

Infection Control and Hospital Epidemiology

Clinical Guidelines

Compendium of Strategies to Prevent HAIs

Policy and Advocacy

Fifth Decennial International Conference

SHEA Annual Scientific Meeting

SHEA/CDC Fundamentals in Epidemiology

Registration will open in winter 2009. Visit www.shea-online.org.

Course Objectives:

- Identify the major statistical methods applied to epidemiologic data.
- Use appropriate data acquisition methods to assess validity, interpret statistical tests, and make causal relationships.
- Apply different surveillance techniques and computerization methods.
- Define trends in transmission and control of healthcare-associated infections and drug resistant-pathogens, as well as other emerging infections in the healthcare setting.
- Discuss quality improvement (QI) methods that impact healthcare epidemiology and safety in the healthcare setting.
- Discuss the usage and role of the public health agencies in practice.
- Apply and define various outbreak investigation techniques.
- Recognize the role of CDC in healthcare epidemiology in the U.S., including providing national healthcare epidemiology data and assistance in outbreak investigation, and disseminating, implementing, and evaluating evidence-based guidelines for the prevention of healthcare-associated infections and other adverse events.

Saturday, May 22

7:30 a.m.
Continental Breakfast

8:30 a.m.
Welcome Remarks
Gianna Zuccotti, MD, MPH, Education Committee Chair

8:45 a.m.
Introduction to Patient Safety
Gina Pugliese, RN, MS

9:30 a.m.
Role of the Hospital Epidemiologist
Tammy Lundstrom, MD, JD

10:15 a.m.
Break

10:30 a.m.
Transmission of Nosocomial Pathogens
Victoria Fraser, MD

11:30 a.m.
Environmental Control of Nosocomial Pathogens
Louise Dembry, MD, MS, MBA

12:15 p.m.
Lunch

1:15 p.m.
Practical Strategies for Surveillance
David Warren, MD, MPH

2:00 p.m.
Patient Safety Tools: Introduction to RCA/FEMA Methodology
Tammy Lundstrom, MD, JD

2:30 p.m.
Break

2:45 p.m.
Problem Session: Performing a Root Cause Analysis in Infection Control
Tammy Lundstrom, MD, JD

Sunday, May 23

7:30 a.m.
Continental Breakfast

8:00 a.m.
Introduction to Statistics and Epidemiology I
Shelley Magill, MD, PhD

9:00 a.m.
Introduction to Statistics and Epidemiology II
Shelley Magill, MD, PhD

10:00 a.m.
Break

10:10 a.m.
Introduction to Statistics and Epidemiology III
Shelley Magill, MD, PhD

11:10 a.m.
Approach to Epidemic Investigation
William Martone, MD

12:10 p.m.
Lunch

1:30 p.m.
Molecular Epidemiology
Neil Fishman, MD

2:15 p.m.
Break

2:25 p.m.
Antimicrobial Management: Design, Implementation, and Efficacy
Neil Fishman, MD

3:10 p.m.
Break

3:20 p.m.
Problem Session: Unusual Neonates in the Intermediate Care Unit
William Martone, MD

Monday, May 24

7:30 a.m.
Continental Breakfast

8:00 a.m.
Concurrent Problem Sessions

Emergency Preparedness
Philip Smith, MD

Pseudomonas Outbreak in a Hematology Unit
Loreen Herwaldt, MD

9:30 a.m.
Concurrent Problem Sessions

Emergency Preparedness
Philip Smith, MD

Pseudomonas Outbreak in a Hematology Unit
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11:15 a.m.
Lunch

12:30 p.m.
Infection Control Issues for Influenza
Arjun Srinivasan, MD

1:15 p.m.
Compendium
Deborah Yokoe, MD

3:15 p.m.
Break

3:30 p.m.
Introduction to Healthcare Epidemiology in the Pediatric Setting
Kristina Bryant, MD

Tuesday, May 25

7:30 a.m.
Continental Breakfast

8:00 a.m.
Adult Track
Issues in Long-Term Care or Other Non-Hospital Settings
Mark Loeb, MD, MSc

Pediatric Track
Pediatric Lecture I: NICU and PICU
Kristina Bryant, MD
Jo-Ann Harris, MD

8:45 a.m.
Adult Track
Issues in Employee Health and Safety
Timothy Lane, MD

Pediatric Track
Pediatric Lecture II: Family Centered Care
Kristina Bryant, MD
Jo-Ann Harris, MD

9:45 a.m.
Break

10:00 a.m.
Adult Track
Problem Session: Outbreak in the OR
Timothy Lane, MD

Pediatric Track
Pediatric Problem Session
Kristina Bryant, MD
Jo-Ann Harris, MD

Registration

\$625 Individual Registrants · \$450 Fellows

Online Registration Only:

<http://guest.cvent.com/i.aspx?4W%2cM3%2c8541a7a6-e999-4f65-95b8-0329cdaab787>

Registration will close on May 14, 2010.

All registrants thereafter will be placed on a waiting list for registration onsite as space is available.

Scholarships:

Applications due April 14, 2010.

SHEA offers two scholarships for attendance at the course. Click on the link below for more information on the Gina Pugliese Scholarship and the Jonathan Freeman Scholarship.

http://www.shea-online.org/about/shea_courses.cfm