

# SHEA/CDC Training Course in Healthcare Epidemiology

May 2-5, 2009  
Omni Charlotte Hotel  
Charlotte, NC



## A One-of-a-Kind Program

- Build a solid foundation in epidemiologic methods.
- Solve real life hospital problems using hands-on exercises.
- Get expert insight into surveillance techniques and tools.
- Discuss the most up-to-date issues in infection prevention and control with leaders in the field.
- Identify quality improvement and safety challenges facing the front-line.

## This course is designed for:

- Fellows who wish to complete their basic training in infection control and hospital epidemiology
- Physicians
- Infection control professionals
- Microbiologists
- Public health officials
- Other healthcare providers seeking knowledge and experience in the field

## Continuing education credits:

SHEA is accredited by ACCME to sponsor CME for physicians. This activity was also approved by the Virginia Nurses Association Continuing Education Approval Committee, an accredited approver by the American Nurses Credentialing Center (ANCC). 22.00 CME/CNE credits are available.

2009 Deadline: April 10

Submit to: SHEA • 1300 Wilson Blvd., Suite 300 • Arlington VA 22209 • Fax: (703) 684-1009 • E-mail: [info@shea-online.org](mailto:info@shea-online.org)

## Jonathan Freeman Scholarship

The Jonathan Freeman Scholarship was established by SHEA to promote the training of outstanding infectious disease fellows who demonstrate interest in the field of healthcare epidemiology. SHEA established the scholarship in the memory of Jonathan Freeman, MD, MPH, a teacher and researcher in field of healthcare epidemiology dedicated to improving the delivery of healthcare through the prevention of healthcare-associated infections. Dr. Freeman was a founding faculty member who taught the epidemiology and statistics track of the course for a decade. Up to five Jonathan Freeman Scholarships are awarded at each course. Recipients receive complimentary registration and \$500 to defray program expenses. To apply, please submit your CV, a letter of no more than 1 page describing why you would like additional training in healthcare epidemiology, and a letter from your program director outlining your qualifications.

## Gina Pugliese Scholarship

The Gina Pugliese Scholarship was established by SHEA to promote the training of a non-physician infection preventionist (IP) with a minimum of two years experience, who has shown outstanding interest and leadership in the field. SHEA established this scholarship in honor of Gina Pugliese, RN, MS, a prominent infection preventionist and leader in the field of healthcare epidemiology. Ms. Pugliese was a founding faculty member of the SHEA/CDC Training Course and co-chair for fifteen years. The scholarship recipient receives complimentary registration and a \$500 grant to defray program expenses. To apply, please submit your CV, a letter of no more than 1 page describing why you would like to have additional training in healthcare epidemiology, and a letter from your supervisor or a colleague in the field outlining your qualifications and leadership skills.

## Course objectives:

- Identify major statistical methods applied to infectious diseases epidemiologic data.
- Use appropriate data acquisition methods to assess validity, interpret statistical tests, and make causal relationships.
- Understand and 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 methods that impact healthcare epidemiology and safety in the healthcare setting.
- Understand the role of public health agencies in healthcare epidemiology, 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.

## Registration

<http://guest.cvent.com/i.aspx?4W.M3.91a1207b-0ec8-4150-93a9-0e640265cd3c>

○ \$625 Individual Registrants ○ \$450 Fellows

# 2009 Tentative Schedule



<p><b>Saturday, May 2</b></p> <p>7:30 a.m.-8:30 a.m. Continental Breakfast</p> <p>7:30 a.m.-4:00 p.m. Registration</p> <p>8:30 a.m.-8:45 a.m. Welcome and Overview <i>Arjun Srinivasan, MD</i></p> <p>8:45 a.m.-9:30 a.m. Role of the Hospital Epidemiologist <i>Tammy Lundstrom, MD, JD</i></p> <p>9:30 a.m.-10:15 a.m. Introduction to Patient Safety <i>Gina Pugliese, RN, MS</i></p> <p>10:15 a.m.-10:30 a.m. Break</p> <p>10:30 a.m.-11:30 a.m. Transmission of Nosocomial Pathogens <i>Donald Goldmann, MD</i></p> <p>11:30 a.m.-12:15 p.m. Environmental Control of Nosocomial Pathogens <i>Louise Dembry, MD, MS, MBA</i></p> <p>12:15 p.m.-1:15 p.m. Lunch</p> <p>1:15 p.m.-2:00 p.m. Special Public Health Issues <i>Arjun Srinivasan, MD</i></p> <p>2:00 p.m.-2:30 p.m. Patient Safety Tools: Introduction to RCA/FEMA Methodology <i>Tammy Lundstrom, MD, JD</i></p> <p>2:30 p.m.-2:45 p.m. Break</p> <p>2:45 p.m.-4:00 p.m. Problem Session: Performing a Root Cause Analysis in Infection Control <i>Tammy Lundstrom, MD, JD</i></p> <p><b>Sunday, May 3</b></p> <p>7:30 a.m.-8:00 a.m. Continental Breakfast</p> <p>8:00 a.m.-9:00 a.m. Introduction to Epidemiology I <i>Jerome Tokars, MD, MPH</i></p> <p>9:00 a.m.-10:00 a.m. Introduction to Epidemiology II <i>Jerome Tokars, MD, MPH</i></p> <p>10:00 a.m.-10:10 a.m. Break</p> <p>10:10 a.m.-11:10 a.m. Introduction to Epidemiology III <i>Jerome Tokars, MD, MPH</i></p> <p>11:10 a.m.-12:10 p.m. Approach to Epidemic Investigation <i>William Martone, MD</i></p> <p>12:10 p.m.-1:30 p.m. Lunch</p> <p>1:30 p.m.-2:30 p.m. Molecular Epidemiology <i>Neil Fishman, MD</i></p> <p>2:30 p.m.-2:40 p.m. Break</p> <p>2:40 p.m.-3:25 p.m. Antimicrobial Management: Design, Implementation, and Efficacy <i>Neil Fishman, MD</i></p> <p>3:25 p.m.-3:35 p.m. Break</p>	<p>3:35 p.m.-5:30 p.m. Problem Session: Unusual Neonates in the Intermediate Care Unit <i>William J. Martone, MD</i></p> <p><b>Monday, May 4</b></p> <p>7:30 a.m.-8:00 a.m. Continental Breakfast</p> <p>8:00 a.m.-8:45 a.m. Practical Strategies for Surveillance <i>David Warren, MD, MPH</i></p> <p>8:45 a.m.-9:30 a.m. Introduction to Healthcare Epidemiology in the Pediatric Setting <i>Lisa Saiman, MD</i></p> <p>9:30 a.m.-9:45 a.m. Break</p> <p>9:45 a.m.-11:15 a.m. Panel Discussion: Special Isolation Issues <i>Loreen Herwaldt, MD</i> <i>David Warren, MD, MPH</i> <i>Lisa Saiman, MD</i> <i>Timothy Lane, MD</i></p> <p>11:15 a.m.-12:45 p.m. Lunch</p> <p>12:45 p.m.-2:15 p.m. <b>Problem Sessions</b> Outbreak in the OR <i>Timothy Lane, MD</i> Pseudomonas Outbreak in Hematology Unit <i>Loreen Herwaldt, MD</i></p> <p>2:15 p.m.-2:30 p.m. Break</p> <p>2:30 p.m.-4:00 p.m. <b>Problem Sessions</b> Outbreak in the OR <i>Timothy Lane, MD</i> Pseudomonas Outbreak in Hematology Unit <i>Loreen Herwaldt, MD</i></p> <p><b>Tuesday, May 5</b></p> <p>7:30 a.m.-8:00 a.m. Continental Breakfast</p> <p>8:00 a.m.-8:45 a.m. <b>Breakout Sessions</b> Issues in Long-Term Care and Other Non-Hospital Settings <i>Mark Loeb, MD, MSc</i> Pediatric Lecture I <i>Jo-Ann Harris, MD</i> <i>Lisa Saiman, MD</i></p> <p>8:45 a.m.-9:30 a.m. <b>Breakout Sessions</b> Issues in Employee Health and Safety <i>Timothy Lane, MD</i> Pediatric Lecture II <i>Lisa Saiman, MD</i> <i>Jo-Ann Harris, MD</i></p> <p>9:30 a.m.-9:45 a.m. Break</p> <p>9:45 a.m.-11:15 a.m. <b>Problem Sessions</b> Hepatitis in a Nursing Home <i>Darren Linkin, MD, MSCE</i> Pediatric Problem Session <i>Jo-Ann Harris, MD</i> <i>Lisa Saiman, MD</i></p>
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**Louise Marie Dembry, MD, MS, MBA**  
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**Neil O. Fishman, MD**  
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*Microbiologist; Infectious Diseases Consultant*  
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*Associate Professor of Medicine, Division of Infectious Diseases; Adjunct Professor of Law*  
Wayne State University

**William J. Martone, MD**  
*Executive Director, Medical Affairs*  
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**Gina Pugliese, RN, MS**  
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