

MICHIGAN FALL SCACM MEETING

Thursday October 16, 2008

Genoa Woods Conference Center
7707 Conference Center Drive
Brighton, Michigan 48114

Nuts and Bolts IV: Basic Tools for the Microbiologist

8:00 - 8:20 am **Registration, Light Refreshments and Vendor Exhibits**

8:20 - 8:30 am **Welcome and Acknowledgements**

8:30 - 9:30 am 1.0 Contact Hour; Level: Intermediate; PACE #362-046-08
“Cleaning, Disinfection & Sterilization: Are New Strategies Needed for MDROs & Other Emerging Pathogens?”
Russell N. Olmsted, MPH, CIC.
Epidemiologist, Infection Control Services; Saint Joseph Mercy Health System, Ann Arbor, Michigan

Objectives: At the conclusion of the presentation, participants will be able to,
1. Describe at least one application of the Spaulding Classification towards use of disinfection and sterilization in healthcare settings.
2. List at least one disinfectant that is effective against multidrug-resistant organisms (MDROs)
3. Describe at least one new finding related to the role of the environment of care in cross transmission of pathogens in hospitals and other healthcare facilities..

9:30 - 10:30 am 1.0 Contact Hour; Level: Basic; PACE #362-047-08
“What’s the Status of the Workforce Shortage in Clinical Laboratories?”
Kathy Doig, PhD, CLS (NCA).
Associate Dean, College of Natural Science, Michigan State University Lansing, Michigan

Objectives: At the conclusion of the presentation, participants will be able to,
1. Describe the current status of the clinical laboratory workforce.
2. Discuss strategies being used to address the workforce shortage.
3. Discuss prospects for the status of the workforce into the future.

10:30 - 10:45 am **Break**

10:45 - 11:45 am 1.0 Contact Hour; Level: Basic; PACE #362-048-08
“Vancomycin-Resistant *Staphylococcus aureus*: Why Michigan?”
Jean B. Patel, PhD, D(ABMM).
Leader, Antimicrobial Resistance Team, Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, Georgia

Objectives: At the conclusion of the presentation, participants will be able to,
1. Review the cases of vancomycin-resistant *S. aureus* (VRSA) to date.
2. Discuss current recommendations for detection of VRSA in the laboratory.
3. Describe epidemiological studies of vancomycin-resistant *Enterococcus* spp. and how this may impact VRSA occurrence.

11:45 - 1:30 pm **Lunch**

1:30 - 2:30 pm 1.0 Contact Hour; Level: Intermediate; PACE #362-049-08
“You Have to Grow Up Sometime: Conversion from Conventional to Molecular Methods for Pathogen Detection”
Duane W. Newton, PhD, D(ABMM).
Director, Clinical Microbiology and Virology Laboratories,
University of Michigan Health System, Ann Arbor, Michigan

Objectives: At the conclusion of the presentation, participants will be able to,
1. Compare conventional with molecular methods for pathogen detection
2. Describe clinical and technical benefits of molecular detection for *Bordetella pertussis*
3. Describe clinical and technical benefits of molecular detection for Enterovirus

2:30 - 3:30 pm 1.0 Contact Hour; Level: Intermediate; PACE #362-050-08
“Clostridium difficile-Associated disease in Michigan”
Sara E. McNamara, MPH, MT(ASCP).
APHL-CCID/CDC Emerging Infectious Disease Fellow,
Michigan Department of Community Health, Lansing, Michigan

Objectives: At the conclusion of the presentation, participants will be able to,
1. Describe the clinical and epidemiologic features of *Clostridium difficile*-associated disease (CDAD)
2. Describe national and Michigan epidemiologic trends for CDAD
3. Describe the molecular features of *C. difficile* strains found in Michigan

3:30 pm **Closing Remarks**

For additional information, contact

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**Genoa Woods Conference Center is located in Brighton, MI
just off exit #145 1.2 miles off highway 96**

Parking is free