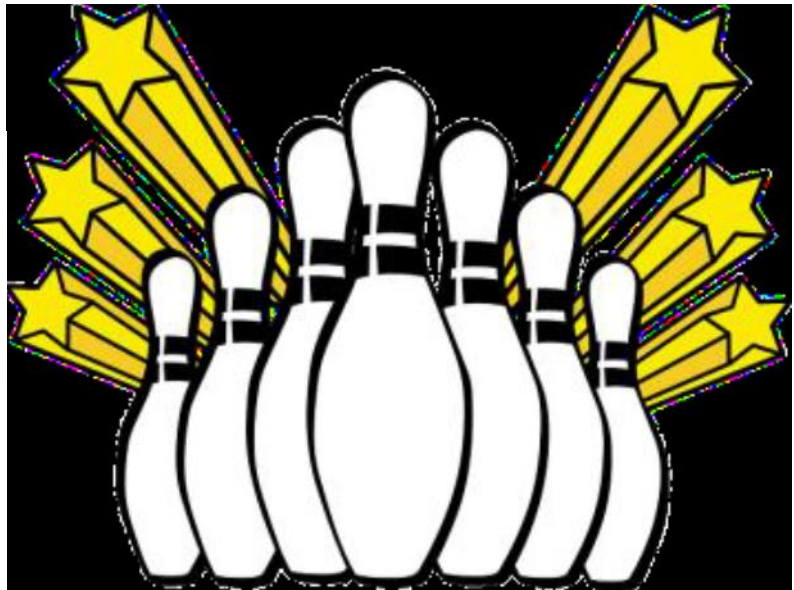




south central association  
for clinical microbiology

**SPRING MEETING, WORKSHOPS,  
EXHIBITS, POSTERS  
MARCH 22-25, 2017**

***COME AND BE BOWLED  
OVER AT SCACM!***



**AT THE  
MARRIOTT INDIANAPOLIS EAST  
INDIANAPOLIS, IN  
*YOUR INDIANA HOSTS***

**Ryan Relich, PhD, D(ABMM) and Bryan Schmitt, DO**

## INSTITUTIONAL REGISTRATION

Institutional registration is available to local hospitals, enabling any of their employees to attend selected seminars during the meeting without registering individually. An institution may purchase more than one institutional registration. The institution's registration pack includes

- ONE name badge (must be worn by the individual using the registration)
- ONE packet of meeting materials
- ONE luncheon ticket
- ONE Friday night Social ticket

Transfer of the badge between individuals is the responsibility of the institution's personnel and may be accomplished by leaving the badge and the meeting materials at the SCACM Registration Desk. Duplication of additional meeting materials is the responsibility of the institution. Additional luncheon tickets may be purchased separately.

*S.C.A.C.M. is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program.*

### 2017 OFFICERS

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### INTEREST GROUPS

Interest Groups Coordinator: Sharon Dolan

<u>Antibiotic Aqnts:</u>	<u>Bacteriology:</u>	<u>Management, QA &amp; Computers:</u>	<u>Mycology:</u>	<u>Parasitology:</u>	<u>Virology &amp; Molec Diag:</u>
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			<u>Spring Program:</u>		
			Mike Brandon		

## **WEDNESDAY, MARCH 22**

### **SCACM WORKSHOPS**

8:00-8:30 am SCACM Sponsored Workshops Registration

8:30-5:00 pm SCACM Workshops: See WORKSHOP FLYER FOR REGISTRATION and FEE  
Update in Diagnostic Medical Parasitology – Full Day Workshop

Lynne Garcia, MS, F(AAM)

A Practical Guide to Antimicrobial Susceptibility Testing in 2017- Full Day Workshop

April Abbott, PhD, D(ABMM) and Amanda Harrington Ph.D (ABMM)

Infectious Disease Pathology for Clinical Microbiologists- Half Day Workshop

Ryan Relich, PhD, D(ABMM), Bryan Schmitt, DO, Julie Ribes, MD, Ph.D, Rocco LaSala, MD, D(ABMM)

## **THURSDAY, MARCH 23**

8:30-5:00 pm Exhibitor Workshops-see SCACM website: [www.scacm.org](http://www.scacm.org)

8:00-8:30 am Exhibitor Seminar Registration-see individual workshop flyer

8:30-5:00 pm Exhibitor Seminars

4:30-7:00 pm Board Meeting-(Any SCACM member is welcome to attend) Salons 6-7

Want to become more active in SCACM? -Come to the Board Meeting.

Contact the SCACM President: [president@scacm.org](mailto:president@scacm.org)

7:00-9:00 pm Registration for SCACM General Meeting-Liberty Hall

7:00-9:00 pm **EXHIBIT GRAND OPENING-DRAWINGS FOR DOOR PRIZES**  
Food provided by **Beckman Coulter Microscan and SCACM**

## **FRIDAY, MARCH 24**

### **GENERAL SESSION**

7:30-8:00 am REGISTRATION & REFRESHMENTS- Veterans 1-4

8:00-8:15 am Welcome

Carol Young SCACM President

#### **Convener**

**Katlyn Wainwright, PhD, D(ABMM), HCLD(ABB), MPH, PHN, PHM**

Deputy Director

Public Health Protection and Laboratory Services

Indiana State Department of Health

8:15-9:15 am ***“Musings on Antimicrobial Susceptibility Testing and Antibiotic Review”***

**George Kallstrom, PhD, D(ABMM)**

Clinical Assistant Professor, Department of Pathology

Northeast Ohio Medical University (NEOMED)

Medical Director, Clinical Microbiology

Summa Health System

**Contact Hours: 1.0**

**Level: Intermediate**

**PACE® Program # 362-104-17**

1. Describe the limitations of antimicrobial susceptibility testing.
2. Review the procedures of antimicrobial susceptibility testing
3. Discuss the different susceptibility testing systems

## FRIDAY, MARCH 24

9:15-10:15 am **Short presentation and roundtable discussion “*The Syndromic Panel Buffet: Are our Eyes Larger Than Our Stomachs?*”**

Overview: Blake Buchan

Roundtable:

Linoj Samuel, PhD, D(ABMM), Henry Ford Health System

Duane W. Newton, PhD, D(ABMM), FIDSA, University of Michigan Health System

Angella Charnot-Katsikas, MD, The University of Chicago

Julie A. Ribes, MD, PhD, University of Kentucky

Contact Hours: 1.0 Level: Basic PACE® Program # 362-105-17

1. List the strength and weaknesses of generalized syndromic panel approach to testing
2. Discuss the obstacles to interpretation of results
3. Describe the importance of effective utilization strategies for these tests

10:15-11:15 am **COFFEE BREAK - VISIT THE EXHIBITS AND POSTERS –DOOR PRIZES-Liberty Hall**

11:15-12:15 pm **“*Cases, Cases, Cases!*”**

Sara Blosser, Ph.D, D(ABMM)

Director, Division of Clinical Microbiology

Indiana State Department of Health - Indianapolis, IN

Miguel Arroyo-Cazurro, PhD

Department of Pathology and Laboratory Medicine

Indiana University School of Medicine. Indianapolis, IN

Contact Hours: 1.0 Level: Intermediate PACE® Program #362-106-17

1. Discuss when a fungus that is commonly considered a saprobic contaminate in culture can be a cause a true infection
2. Discuss the importance of providing prompt fungal identification for the management of invasive fungal diseases
3. Describe the impact of “knowing your test” to accurately report laboratory test results.
4. Discuss the impact of accurate diagnosis of both cases on public health and clinical management

12:15-1:30 pm **SCACM LUNCHEON AND AWARD PRESENTATIONS –Salon 1-5**

1:30-3:00 pm **EXHIBITS- POSTERS- DRAWINGS FOR DOOR PRIZES –Liberty Hall**

Last chance to see the Exhibits and Posters

### INTEREST GROUP SESSIONS-

3:00-4:00pm **Interest Group Session I- Session One:** Choose ONE session to attend during this time.

Each of the sessions will be repeated from 4:10 to 5:10 pm; See below.

**Interest Group 1      ANTIMICROBIAL AGENTS-      Veterans 1**

***“AST methods you can use in the clinical lab today for the detection of CRE/CPO – promises and pitfalls”***

Angella Charnot-Katsikas, MD

Medical Director, The University of Chicago Cancer Center Lab at Silver Cross Hospital

Asst. Director, Microbiology/Immunology Labs Department of Pathology

The University of Chicago. Chicago, IL

Contact Hours: 1.0 Level: Intermediate PACE® Program # 362-107-17

1. Describe the major types of CRE and understand the difference between CRE, CPO, and CP-CRE
2. Review approaches for detecting and reporting CRE and avoiding common pitfalls
3. Evaluate your laboratory’s readiness for assessing CRE, CPO, and CP-CRE positive specimens

## **FRIDAY, MARCH 24**

**Interest Group 2**                      **BACTERIOLOGY –**                      **Veterans 2**  
***“Lower Respiratory Tract Infections: Quantification in the Age of Molecular Diagnostics”***

**Matthew Leon Faron, PhD**

Research Scientist  
Medical College of Wisconsin,  
Milwaukee, WI

**Contact Hours: 1.0    Level: Intermediate    PACE® Program # 362-108-17**

1. Define Lower Respiratory Tract Infections and current standards for diagnostics
2. Evaluate molecular quantitation of Lower Respiratory Tract Infections compared to culture
3. Discuss laboratory implementation of molecular diagnostics for sputum and BAL testing

**Interest Group 3**                      **VIROLOGY AND MOLECULAR –**                      **Veterans 3**  
***“Factors Underlying the Emergence of Viral Disease”***

**Neeltje van Doremalen, PhD**

Rocky Mountain Laboratories  
NIAID/NIH  
Hamilton, MT

**Contact Hours: 1.0    Level: Basic                      PACE® Program #362-109-17**

1. Describe the current state of Ebola and MERS epidemic
2. Discuss the underlying emergence of Ebola and MERS virus
3. List ways transmission may take place in a hospital setting

**Interest Group 4**                      **PARASITOLOGY –**                      **Veterans 4**  
***“Neglected Parasitology Diseases within the United States”***

**Lynne Garcia M.S. F(AAM)**

LSG & Associates  
Santa Monica, CA

**Contact Hours: 1.0    Level: Intermediate                      PACE® Program #362-110-17**

1. Discuss the pros and cons of practical diagnostic procedures in medical parasitology, including STATS
2. Describe various risk management issues seen in diagnostic medical parasitology
3. List several emerging and/or neglected parasitic diseases within the U.S

**4:10- 5:10 pm    Interest Group Session II –See listed sessions above.  
The 4 interest group presentations from 3:00-4:00 pm are repeated.  
Choose ONE session to attend during this time.**

**5:15-6:00 pm    Reception for FIRST TIME ATTENDEES-Regan Room (Restaurant)**  
**Is this your first Spring SCACM Meeting? Come and enjoy refreshments and network with fellow microbiologists.**

**5:15-6:00 pm    Virology Group- Interested in becoming active in a Virology Group?**  
**A SCACM-PASCV Event-meet in the Skylight Bistro & Wine Bar**

6:30- 10:30 pm **SOCIAL: Duck Pin Bowling-Open to all attendees, but please RSVP on registration form. PLEASE WEAR YOUR NAME BADGE. Wear your bowling shirt if you like! Your Social Hosts: Shelly Matheson and Jyl Madlem**  
Bus will leave at 6:30 and return each hour to the hotel.

<http://www.fountainsquareindy.com/action-atomic-duckpin-bowling/overview/>

**SATURDAY, MARCH 25  
GENERAL SESSION**

7:30-8:00 am **REGISTRATION & REFRESHMENTS –Veterans 1-4**

8:00am

**Convener**

**Nicole Hubbard, M.D.**

Director of Infectious Disease Pathology, ProMedica Health System  
National Director Medical Microbiology, Aurora Diagnostics  
Toledo, OH

8:00-9:00 am **Mickey King Memorial Lecture**

***“Adventures in Medical Metagenomics“***

**George Weinstock, PhD**

Professor, Evnin Family Chair and Director Microbial Genomics,  
The Jackson Laboratory, Farmington, CT

**Contact Hours: 1.0 Level: Basic PACE® Program # 362-111 -17**

1. Describe the gene sequence that is used in taxonomy and why
2. Discuss the three types of enterotypes found in human stool
3. Recall how microbiome replacement reverses the effects of C. difficile infection

9:00-10:00 am ***“Contamination in the Molecular Lab”***

**Stella Antonara, PhD, D(ABMM)**

Associate Director, Clinical Microbiology and Immunoserology  
Nationwide Children's Hospital,  
Columbus, OH

**Contact Hours: 1.0 Level: Intermediate PACE® Program # 362-112 -17**

1. Discuss molecular contamination and its impact
2. Review potential sources and analyze the strategies that can be used to lessen its likelihood
3. Provide examples that contamination occurred and how those incidents were mitigated

10:00-10:30 am **COFFEE BREAK**

10:30-11:30 am ***“Practical Approach to Wound Cultures; Specimen Processing to Culture Workup”***

**Melissa Jones, MT(ASCP)**

Microbiology Specialist  
Clinical Microbiology/Immunology  
McLendon Clinical Laboratories

UNC Hospitals, Chapel Hill, NC

**Contact Hours: 1.0 Level: Intermediate PACE® Program # 362-113 -17**

1. Discuss preferred specimens and appropriate processing for samples submitted to the laboratory for wound culture
2. Define 'microbial flora' and identify specific organisms one would expect to find in various types of flora
3. List at least three potential pathogens that should always be reported from wound cultures

**This Session is supported by the American Society for Microbiology (ASM) in Memory of Gerri Hall, Ph.D.**



11:30-12:30pm **“Microbiology Quiz Bowl”**

**Ryan F. Relich, Ph.D, D(ABMM), MLS(ASCP) SM**

Associate Medical Director, Division of Clinical Microbiology

Director, Clinical Virology and Serology Laboratories

Assistant Professor, Department of Pathology and Laboratory Medicine

Indiana University School of Medicine. Indianapolis, IN

**P. Rocco LaSala MD, D(ABMM)**

Director, Clinical Microbiology

West Virginia University, Morgantown, WV

**Contact Hours: 1.0    Level: Intermediate    PACE® Program # # 362-114 -17**

1. Recall some common principles and techniques used by clinical microbiology labs to test pathogenic microbes
2. Identify some key morphologic features of several bacterial, fungal and parasitic agents
3. Recognize characteristic susceptibility profiles exhibited by isolates with common resistance determinants

12:30 pm        **ADJOURNMENT**

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**CANCELLATION POLICY: In the event that pre-registration has been completed AND attendance at the meeting is subsequently NOT possible, the SCACM office MUST be notified prior to March 1<sup>st</sup>. SCACM will NOT issue refunds after March 1<sup>st</sup>.**

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**ADDITIONAL EDUCATIONAL GRANTS FOR THE 2017SPRING**

**MEETING PROVIDED BY:**

**Abbott Molecular**

**Accelerate Diagnostics**

**BioFire Diagnostics**

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*Thank-you!*

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**MEETING HANDOUTS**

**<http://www.scacm.org/HandoutsSpringMtg2017>**

**user: SpringMtg2017**

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## POSTER SESSION

1. The Implementation of Bruker Compass and Galaxy within a high- volume clinical laboratory. Katherine Lew MLS (ASCP), Carol Young MT(ASCP), Michigan Medicine, Ann Arbor, MI
2. Novel mutations in quinolone resistance-determining regions of *gyrA*, *gyrB*, *parC* and *parE* in *Shigella flexneri* clinical isolates from eastern Chinese populations between 2001 and 2015. Bing Gu, Tingting Qin, Huiming Qin, Haiquan Kang, Ping Ma, Medical Technology School, Xuzhou Medical University, China
3. Novel mutations in *gyrA* and *parC* and first report of the *qnrA* determinant among *Shigella sonnei* strains from Jiangsu Province of China, 2002-2015. Bing Gu, Tingting Qin, Wenting Fan, Ruru Bi, Huiming Qin, Ping Ma, Xuzhou Medical University, China
4. Class A and D Carbapenemases Can Be Differentiated by Indirect Tris/EDTA (TE) Disk Testing with Boronic acid. (BA) Kenneth S. Thomson, James W. Snyder, and Gina K. Thomson, Univ. of Louisville, Louisville, KY
5. Integrating Rapid Diagnostic Testing and Antimicrobial Stewardship into a 24-Hour Pharmacy Resident On-Call Program. Sarah J. Tennant, PharmD, BCPS, Donna R. Burgess, RPh, Julie A. Ribes, MD, PhD, and Craig A. Martin PharmD Program, University of Kentucky, UK HealthCare, Lexington, KY
6. Comparison of Etest and Broth Microdilution for Polymyxin Susceptibility against Carbapenem-Resistant Enterobacteriaceae. B Kulengowski, WC Rutter, JA Ribes, and DS Burgess, University of Kentucky, UK HealthCare, Lexington, KY
7. Validation of CLOtest™ Rapid Urease Test for Helicobacter pylori Detection at University of Kentucky Medical Center, Lexington, KY. A.J. Fenwick, C. Smith, J.A. Ribes ,UK HealthCare, Lexington, KY
8. Validation of Broth Amplification Culture Using PedsPlus Blood Culture Bottles with FOS Broth Versus Routine Culture Methods for Cerebrospinal Fluids (CSF) at University of Kentucky Medical Center, Lexington, KY, A.J. Fenwick, V. Arora, J. Simpson, J.A. Ribes, UK HealthCare, Lexington, KY
9. Nanosphere (Luminex Verigene®) Blood Culture Test Performance Characteristics at UK HealthCare, Lexington, KY: June 2014 – December 2016, A.J. Fenwick, J.A. Ribes, S. Mills, J. Simpson, V. Arora A.J. , UK HealthCare, Lexington, KY
10. Evaluation of Three Commercially Available Kits for the Lancefield Serogrouping of Streptococci. Jeanette Goodman MT(ASCP), Lorraine Sykes MT(ASCP)SM and Suresh Selvaraju, PhD., Metrohealth Medical Center, Cleveland, OH
11. MALDI-TOF MS: A reliable alternative to identify nontuberculous mycobacterium (NTM) from solid growth media. Jack G Schneider, MD; Charlie Hehman, MS II; Bryan Schmitt, DO ; John J Manaloor, MD, Indiana University School of Medicine, Indianapolis, IN
12. Validation of Rapid Enzyme Immunoassay for the Simultaneous Detection of Clostridium difficile Antigen and Toxins in Fecal SpecimensV. Arora<sup>1,2</sup>, C.A. Smith<sup>2</sup>, S. Mills<sup>2</sup>, J.A. Ribes<sup>1,2,1</sup>University of Kentucky, Department of Pathology and Laboratory Medicine, Lexington, KY, USA<sup>2</sup>UK HealthCare A.B. Chandler Hospital, Lexington, KY,

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Coming to a State near you!

The SCACM 2017 fall meetings- Visit [www.scacm.org](http://www.scacm.org) for details

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French Lick Resort <http://www.frenchlick.com/> French Lick, IN

March 7-10, 2018

