

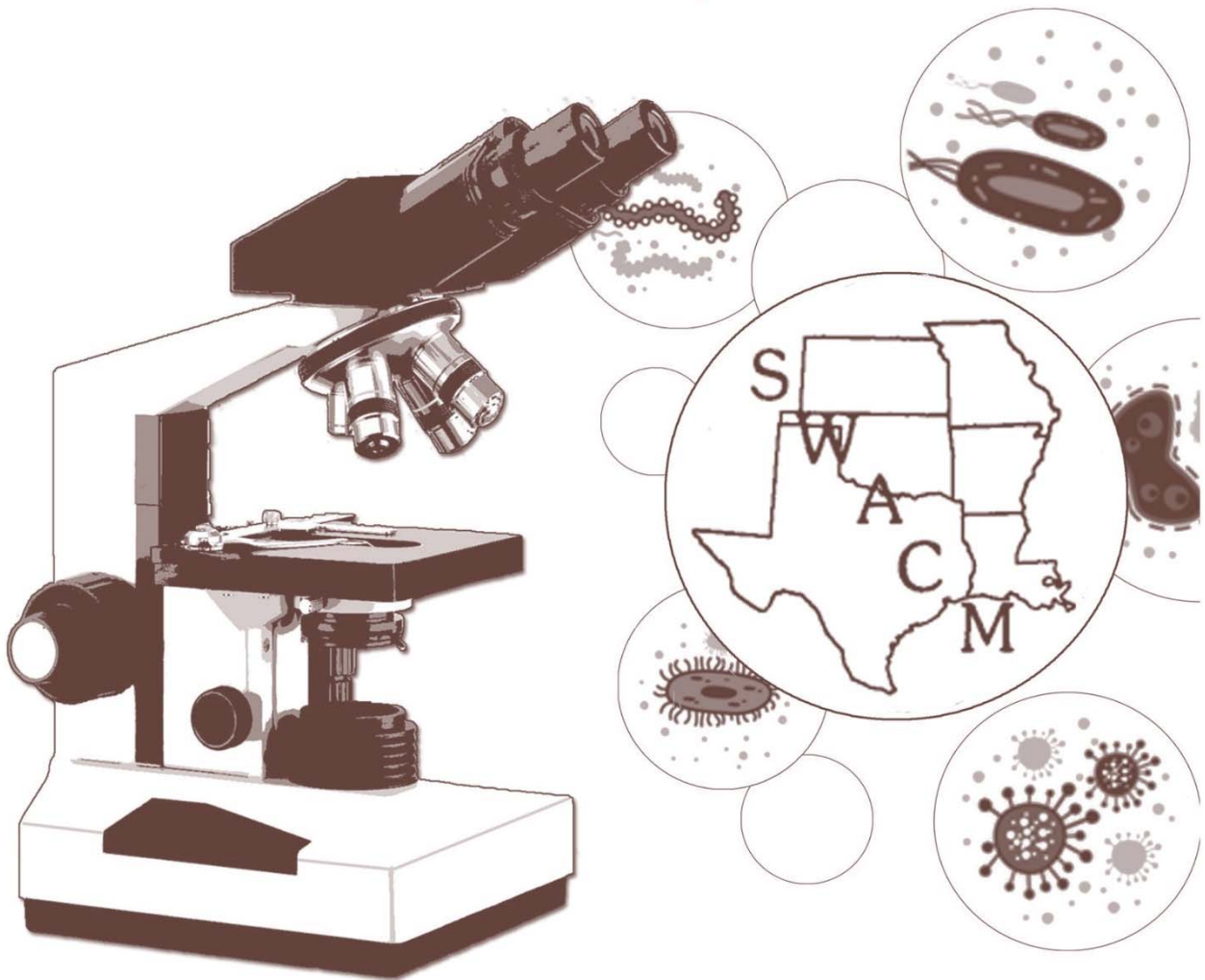


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Southwestern Association  
of  
Clinical Microbiology

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San Antonio, Texas



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Sept. 5-8  
2018

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Artwork submitted by: Heath Zurn, MLS(ASCP)



## 37th Annual Meeting September 5-8, 2018 San Antonio, TX

**Welcome** to San Antonio, TX the host city for the 37<sup>th</sup> annual meeting of the Southwestern Association of Clinical Microbiology. The scientific program boasts nationally recognized speakers as well as those within our association. Expect an informative and enlightening meeting, as well as some fun activities. In addition to attending the meeting, make sure to check out the shopping, restaurants/bars along the famous San Antonio Riverwalk as well as learning about San Antonio's history via the Riverboat Tour!

### Hotel:

#### Wyndham San Antonio Riverwalk

111 E Pecan St.  
San Antonio, TX 78205  
[1-866-764-8536](tel:1-866-764-8536)

Ask for Southwestern Association of  
Clinical Microbiology Room Block  
<https://aws.passkey.com/go/SWACM2018>

Make your reservation by **August 10, 2018** using the link provided above to receive the discounted room rate. Reservations received after that date will be received on space and rate availability.

**ROOM RATES:** Single/Double: \$129

**PARKING:** Valet \$32/day  
Self-Parking \$15/day - \$19/overnight

## Registration

Register by mail using the form in the program.

**Pre-registration must be postmarked by August 27, 2018.** Payment must be included with the registration form. No meeting confirmation will be mailed to you. Check for membership status on your SWACM mailing label. Receipts will be available at the registration desk. Payment by credit card will be available on the official SWACM website: ([www.swacm.org](http://www.swacm.org)).

**Note:** For nonmembers, you may register for one workshop at the nonmember rate and receive your 2018 SWACM membership and member rates for all other workshops and symposia.

On-site registration and pre-registration check-in will be open:

7:00 AM – 2:00 PM on Wednesday  
7:00 AM – 10:00 AM and  
1:15 PM – 2:00 PM on Thursday and Friday  
7:00 AM – 9:00 AM on Saturday

For registration questions, contact Jan Howard at 214-345-4256 or [janhoward@texashealth.org](mailto:janhoward@texashealth.org)

### BADGES:

Badges will be distributed in the registration packet that you receive on site and will be required for admittance to all SWACM sessions. Please display your badge where it can be easily recognized. At the close of the meeting, please recycle your badge at the registration desk.

### DRIVING DIRECTIONS TO THE HOTEL:

Go to <http://www.maps.google.com> for maps and driving directions.

### AIR TRAVEL:

Airline service to/from San Antonio Airport (SAT, 9 miles) includes: American Airlines, Allegiant Air, Delta Airlines, Frontier Airlines, Southwest Airlines, and United Airlines.

### TAXI/SHUTTLE:

Super Shuttle provides transportation from the SA airport to the hotel. \$15.00 one-way per person; recommended book the day before your flight online <https://www.supershuttle.com/locations/sanantioniosat/> OR use the mobile app and apply discount code "app10" for a 10% discount on your ride.

## Continuing Education Credits

SWACM is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. SWACM programs are approved for California-licensed clinical laboratory scientists and personnel. To register your attendance, please sign the P.A.C.E.® attendance roster at the beginning of each session. Certificates of attendance will be distributed at the end of each symposium or workshop. Please note that certificates are not valid unless the official P.A.C.E.® sticker has been placed on the certificate.

## Symposia

Two full days of symposia are scheduled for Thursday, September 6<sup>th</sup>, and Friday, September 7<sup>th</sup>. The symposia are scheduled consecutively and begin promptly at 8:00 a.m. and resume following a complimentary lunch in the exhibit area.

## Workshops

Workshops are scheduled for Wednesday, September 5<sup>th</sup> and Saturday, September 8<sup>th</sup>. Check workshop times to avoid scheduling conflicts. Workshops will begin promptly at 8:00 a.m. or 1:00 p.m. On-site registration is available for workshops that are not filled to capacity. Workshop size is limited and registration will be made on first-come basis. Workshops not having a minimum preregistration enrollment may be cancelled.

## Board Meeting

The SWACM Board of Directors will meet on Wednesday, September 6<sup>th</sup>, at 5:00 p.m. Room to be announced.

## Business Meeting

The SWACM Business Meeting and Award Presentations will be held during the morning symposium sessions on Friday, September 7<sup>th</sup>. Please make plans to attend.

## Special Events

### Wednesday, September 5<sup>th</sup>

7:00 -7:45 a.m.

Complimentary breakfast and seminar provided by **Cepheid**

11:30 – 1:00 p.m.

Complimentary lunch and seminar provided by **BD**

5:00 - 7:30 p.m.

Join **Accelerate Diagnostics** for an evening educational and social event. Details at the meeting!

### Thursday, September 6<sup>th</sup>

7:00 -7:45 a.m.

Complimentary breakfast and seminar provided by **Diasorin**

5:00 – 7:00 p.m.

SWACM Annual Wine and Cheese with Exhibits

7:00 – 9:00 p.m.

Join **bioMerieux** for an evening educational and social event. Details at the meeting!

### Friday, September 7<sup>th</sup>

7:00 -7:45 a.m.

Complimentary breakfast and seminar provided by **Bruker**

### Saturday, September 8<sup>th</sup>

7:00 -7:45 a.m.

Complimentary breakfast and seminar provided by **Roche**

## Exhibits

Exhibits will be located in the **Fiesta Pavilion Room- Lower Level**. Representatives of exhibiting companies will display their products and be available to answer questions and give demonstrations. Complimentary lunch will be provided during exhibit hours on Thursday and Friday. Drinks and hors d'oeuvres will be served during the evening exhibits on Thursday.

**Exhibit hours:** Thursday: 11:30 a.m. – 1:30 p.m.  
Thursday: 5:00 p.m. – 7:00 p.m.  
Friday: 11:30 a.m. – 1:30 p.m.

Our vendors primarily fund the SWACM Annual Meeting and their importance to SWACM's success cannot be overstated. **WE EXTEND OUR THANKS TO THE EXHIBITORS FOR SUPPORT OF OUR ANNUAL MEETING!**

**Exhibitor set-up:** Wednesday 1:00 – 6:00 p.m. and Thursday 7:00 a.m. – 11:00 a.m.

**Exhibitor breakdown:** Friday 2:00 – 5:00 p.m.

Lunch for Exhibitors will be served from 11:00 a.m. – 11:30 a.m. on Thursday and Friday. For exhibit information contact: Rhonda Fossett at

Phone: (817) 568-3343

E-mail: [rhonda.fossett@ahss.org](mailto:rhonda.fossett@ahss.org)

## Posters & Case Studies

Please consider submitting a poster or case study presentation. See [www.swacm.org](http://www.swacm.org) for poster and case study submission instructions. Cash prizes will be awarded for outstanding poster and best case study. Posters should be submitted in standard abstract format. For case studies, only the title and authors need to be submitted in advance.

Submission deadline is **August 27, 2018. Electronic submission is preferred!**

Posters submitted must be in place for viewing and judging during the first 30 minutes of the lunch hour on Thursday, September 6<sup>th</sup>.

Submit to: Dr. Rachael Liesman [rliesman@kumc.edu](mailto:rliesman@kumc.edu)

## Agar Art Contest

This year SWACM will be including an Agar Art Contest alongside the poster and case study presentations. If interested, please submit your name and title of your artwork in advance of the annual meeting. Submission deadline is August 27, 2018 via email to [lauraknoll@texashealth.org](mailto:lauraknoll@texashealth.org).

A picture of the Agar Artwork submission for posting at the meeting should be brought to the meeting and printed out no larger than an 8x10 photo.

The name of the artist should be written on the reverse of the picture.

### DO NOT BRING CULTURE PLATES!

Judging for the winner of the Agar Art contest will be by anonymous ballots submitted onsite at the meeting from all attendees.

The winner and prize will be announced at the annual meeting.



## Travel Grants

Travel grants are available to meeting attendees to help defray the cost of attending the annual meeting. Grants awards will be announced and distributed during the SWACM Business Meeting and Awards Presentation on Friday September 7.

Contact Dr. Rachel Leisman ([rliesman@kumc.edu](mailto:rliesman@kumc.edu)) or Laura Knoll ([lauraknoll@texashealth.org](mailto:lauraknoll@texashealth.org)) to apply for a travel grant.

Visit our Website @  
[www.swacm.org](http://www.swacm.org)



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## SWACM Brochure Artwork Contest

Thank you to all who submitted artwork for this year's brochure cover contest! This year we have feature two of the applicant's art on the front and back covers of the annual meeting brochure. The winners will receive their awards at the SWACM Business Meeting and Awards Presentation on Friday, September 7.

# Wednesday Workshops - Sept 5, 2018

## A.M. Workshops

**WS1: Antimicrobial Susceptibility Testing Beginner Tech**  
8:00 AM – 11:30 AM

**Objectives:** At the completion of this program, participants will be able to:

- Identify CLSI and other antimicrobial references and resources
- Compare and contrast utility of various AST methods
- Review the role of selective antibiotic testing and reporting in stewardship
- Recognize the importance of correct body site reporting for antimicrobials

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** **Audrey Schuetz, M.D., M.P.H., D(ABMM)**  
Mayo Clinic College of Medicine and Science  
Rochester, MN  
**Laura Knoll M.S., M.A., MB/MT(ASCP)**  
Texas Health Presbyterian Hospital Dallas, Tx

## P.M. Workshops

**WS4: Antimicrobial Susceptibility Testing Advanced Tech**  
1:00 PM – 4:30 PM

**Objectives:** At the completion of this program, participants will be able to:

- Apply case examples to review CLSI recommendations for testing and reporting
- Recognize the role of the institutional antibiogram
- Describe the difference between intrinsic resistance and acquired resistance
- Design helpful report comments for AST reports
- Review current challenges in AST and future directions of the field

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** **Audrey Schuetz, M.D., M.P.H., D(ABMM)**  
Mayo Clinic College of Medicine and Science  
Rochester, MN  
**Laura Knoll M.S., M.A., MB/MT(ASCP)**  
Texas Health Presbyterian Hospital Dallas, TX

**WS2: IQCP: Building, Monitoring Maintaining Your Plan**  
8:00 AM – 11:30 AM

**Objectives:** At the completion of this workshop, participants will be able to:

- Explain current QC options in Microbiology
- List components of IQCP
- Name tests that are eligible for an IQCP
- List Microbiology tests that do not require an IQCP

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** **Linda Bruno, M.A., MT (ASCP)**  
Director, Microbiology and Molecular Labs

**WS5: Molecular Testing Updates**  
1:00 PM – 4:30 PM

**Objectives:** At the completion of this program, participants will be able to:

- Identify and define molecular testing methodologies available to the clinical microbiologist
- Describe updates in molecular testing technology within the last several years
- Review appropriate utilization of molecular testing within a clinical microbiology laboratory.

*Instructional Level:* Advanced

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** Heping Han, Ph.D., MD., MB (ASCP)  
Director of Molecular Diagnostic Laboratory  
Tarleton State University  
Fort Worth, TX

**WS3: Risk Assessment**

**Workshop Canceled**

**WS6: Keeping Current with CAP**  
1:00 PM – 4:30 PM

**Objectives:** At the completion of this program, participants will be able to:

- Recognize the pitfalls of the most commonly cited deficiencies
- Discuss potential quality monitors for microbiology
- Discuss general validation/verification requirements
- Discuss checklist updates for 2018

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** **Carolyn Gandy MT (ASCP)SM**  
College of American Pathologists  
Northfield, IL

# Saturday Workshops - Sept 8, 2018

**WS7: Diagnostics in Clinical Mycology**  
8:00 AM – 11:30 AM

**Objectives:** At the completion of this program, participants will be able to:

- Describe the different diagnostic tests available in clinical mycology
- Discuss the pros and cons of different fungal diagnostic assays, and which test is optimal for the detection of different pathogenic fungi
- Identify major pathogenic fungi and recognize key morphological characteristics

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** Anna F. Lau, Ph.D., D(ABMM)  
National Institutes of Health, Bethesda, MD

**WS8: Optimizing Direct Specimen and Blood Culture Gram Stains**  
8:00 AM – 11:30 AM

**Objectives:** At the completion of this workshop, participants will be able to:

- Optimize direct specimen and blood culture Gram stains quality by applying five keys in a case-based approach
- Integrate the five keys into competency assessment
- Implement a reasonable microscopy QA plan to satisfy CAP checklist requirements
- Review the role of the positive blood culture Gram stain in the context of blood culture real time molecular tests

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** Steve Dallas, PhD, D(ABMM)  
University of Texas Health Science Center,  
San Antonio, TX

**WS9: Everything You Need to Consider When Considering Automation of Microbiology**  
8:00 AM – 11:30 AM

**Objectives:** At the completion of this program, participants will be able to:

- Discuss workflow changes that are necessary for implementation of automation
- Discuss the challenges for small and large laboratories when automating microbiology
- Evaluate inclusion of automated plate reading and interpretation into an automated microbiology lab

*Instructional Level:* Intermediate

*Contact Hours Granted:* 3 contact hours of continuing education

**Faculty:** Nate A Ledebauer, PhD, D(ABMM), F(AAM)  
Medical College of Wisconsin, Milwaukee, WI  
Neil Anderson, MD, ABP-MM, D(ABMM)  
Washington University School Med, St Louis, MO

# Thursday Symposia - September 6, 2018

|                  |   |
|------------------|---|
| 8:00 – 8:15 AM   | <b>Introduction</b>   |
| 8:15 – 9:15AM    | <b>IQCP Updates and Lessons Learned</b><br>Linda Bruno M.A., MT(ASCP)<br>Director, Microbiology and Molecular Labs<br>ACL Laboratories Rosemont, IL<br><b>Objectives:</b> At the conclusion of this lecture, the attendee will be able to: <ul style="list-style-type: none"><li>• Discuss CMS/CLIA standards and CAP checklist questions addressing components of IQCP</li><li>• Outline how a lab documents continual monitoring of quality assessment</li><li>• Discuss lessons learned from post CMS audits and/or CAP inspections</li></ul>  |
| 9:15 – 10:15 AM  | <b>Future of Laboratory Medicine</b><br>Robert C. Jerris Ph.D.,D(ABMM)<br>Children’s Healthcare of Atlanta, Atlanta, GA<br><b>Objectives:</b> At the conclusion of this lecture, the attendee will be able to: <ul style="list-style-type: none"><li>• Define top issues facing laboratories from a regulatory and reimbursement perspective</li><li>• Plan for the future in the microbiology lab to ‘weather the storm’.</li><li>• Recognize how CPT CODES are generated</li></ul>  |
| 10:15 – 10:30 AM | <b>Break</b>  |
| 10:30 – 11:30 AM | <b>Public Health Overview and Updates</b><br>Jennifer Shuford MD, MPH<br>Infectious Disease Medical Officer, Division for Laboratory and Infectious Disease Services<br>Texas Department of State Health Services Austin, Tx<br><b>Objectives:</b> At the conclusion of this lecture, the attendee will be able to: <ul style="list-style-type: none"><li>• Outline public health updates for infectious diseases including but not limited to Zika virus, <i>Brucella</i>, 2018 Flu Season</li><li>• Discuss emerging diseases of current public health interest and relationship to laboratory preparedness</li></ul>               |
| 11:30 - 12:00 PM | <b>Poster Judging</b>   |
| 11:30 – 1:30 PM  | <b>Exhibits and Complimentary Lunch</b>   |
| 1:30 – 2:30 PM   | <b>CLSI Updates</b><br>Audrey Schuetz, M.D., M.P.H., D(ABMM)<br>Mayo Clinic College of Medicine and Science<br>Rochester, MN<br><b>Objectives:</b> At the conclusion of this lecture, the attendee will be able to: <ul style="list-style-type: none"><li>• Identify the major changes found in the updated editions of CLSI documents M100, M02, and M07</li><li>• Design a strategy for implementing the new standards into laboratory practices</li><li>• Develop a communication strategy for informing clinical staff of significant AST and reporting changes</li></ul>   |
| 2:30 – 3:30 PM   | <b>Infective Endocarditis</b><br>Rachael Liesman, PhD, D(ABMM)<br>Univ of Kansas Medical Center<br>Kansas City, KS<br><b>Objectives:</b> At the conclusion of this lecture, the attendee will be able to: <ul style="list-style-type: none"><li>• Recognize the most common causes of infective endocarditis</li><li>• Discuss the role of blood cultures in the diagnosis of infective endocarditis</li><li>• Describe the advantages and disadvantages of serological and molecular testing for the diagnosis of culture-negative endocarditis</li></ul>  |
| 3:30 – 3:45 PM   | <b>Break</b>  |
| 3:45 – 4:45 PM   | <b>Ask the Experts</b><br>Morgan Pence, PhD, D(ABMM), Gerald A. Capraro, Ph. D., D(ABMM), Beverly Dickson, MD<br><b>**Questions can be submitted in advance by email to: <a href="mailto:lauraknoll@texashealth.org">lauraknoll@texashealth.org</a></b><br><b>Objectives:</b> At the conclusion of this lecture, the attendee will be able to: <ul style="list-style-type: none"><li>• Recognize contemporary issues in Clinical Microbiology</li><li>• Discuss options for validation and implementation of new technologies</li><li>• Review current laboratory problems or challenges experienced by the SWACM community</li></ul> |
| 5:00 – 7:00 PM   | <b>Exhibits and SWACM Wine and Cheese Reception</b>   |

*Instructional Level:* Intermediate

*Contact hours Granted:* Completion of this program provides 6 contact hours of continuing education

# Friday Symposia - September 7, 2018

8:00 – 9:00 AM

## **A Day in the Life of an ID Pharmacist**

Kristi Traugott, PharmD, BCPS

Univ Texas Health Science Center; San Antonio, TX

**Objectives:** At the conclusion of this lecture, the attendee will be able to:

- Review trends and their impact on our healthcare system.
- Describe the responsibilities of an Infectious Diseases Pharmacist.
- Explain benefits of an Infectious Disease Pharmacist in the microbiology laboratory.

9:00 – 10:00 AM

## **Role of the Hospital Epidemiologist**

Jason E. Bowling, MD

Univ Texas Health Science Center; San Antonio, TX

**Objectives:** At the conclusion of this lecture, the attendee will be able to:

- Review the skills and competencies of an effective hospital epidemiologist
- Discuss the day-to-day activities of the hospital epidemiologist and interactions in the hospital setting
- Analyze the relationship of the hospital epidemiologist with the Microbiology laboratory and identify important areas of synergy
- Review the relationship with the Antimicrobial Stewardship program and identify important areas of synergy

10:00 – 10:15 AM

## **Break**

10:15 – 10:30 AM

## **SWACM Business Meeting and Awards Presentation**

10:30 – 11:30 AM

## **Sterility Testing**

Anna Lau, PhD, D(ABMM)

National Institutes of Health, Bethesda, MD

**Objectives:** At the conclusion of this lecture, the attendee will be able to:

- Describe the regulatory aspects regarding sterility testing for cellular therapy products and other novel therapeutics
- Identify the requirements and considerations for clinical micro labs if asked to assist with product sterility testing and/or environmental monitoring
- Discuss pros and cons of available microbial test systems and requirements in relation to investigational new drugs

11:30 – 1:30 PM

## **Exhibits, Posters and Complimentary Lunch**

1:30 – 2:30 PM

## **Friday Afternoon Cases**

Beverly Dickson, MD

Texas Health Presbyterian Hospital Dallas, Dallas, TX

Gerald A. Capraro, PhD, D(ABMM)

Carolinas HealthCare System Charlotte, NC

**Objectives:** At the conclusion of this lecture, the attendee will be able to:

- Formulate a pathogen differential based on laboratory data
- Associate clinical and laboratory findings with specific infectious diseases
- Recognize the utility of microscopy, as well as conventional and molecular methods in laboratory testing for infectious diseases

2:30 – 3:30 PM

## **Clinically Relevant Anaerobes**

Morgan Pence, PhD, D(ABMM)

Cook Children's Medical Center, Fort Worth, TX

**Objectives:** At the conclusion of this lecture, the attendee will be able to:

- Review appropriate specimens for anaerobic culture.
- Identify best practices for specimen transport and culture.
- Compare methods for identification of anaerobes.
- Discuss susceptibility testing of anaerobes.

3:30 – 3:45 PM

## **Break**

3:45 – 4:45 PM

## **Emerging Superbugs; Updates**

Mark D. Gonzalez, PhD, D(ABMM)

Children's Healthcare of Atlanta, Atlanta, GA

**Objectives:** At the conclusion of this lecture, the attendee will be able to:

- Describe the epidemiology, clinical relevance and pertinent genetic features of these organisms
- Diagnostic issues and best practices for identification of these organisms
- Recognize antimicrobial susceptibility testing and treatment options/issues

*Instructional Level:* Intermediate

*Contact Hours Granted:* Completion of this program provides 6 contact hours of continuing education



# SWACM 2018 Faculty

Audrey Schuetz M.D., M.P.H.  
D(ABMM)  
Mayo Clinic College of Medicine and  
Science  
Rochester, MN

Laura Knoll M.S., M.A., MB(ASCP),  
MT(ASCP)  
Texas Health Presbyterian Hospital  
Dallas, TX

Linda Bruno M.A., MT(ASCP)  
ACL Laboratories  
Rosemont, IL

Jennifer A. Shuford, MD, MPH  
Texas Department of Health and  
Human Services  
Austin, TX

Carolyn Grandy MT (ASCP)<sup>SM</sup>  
College of American Pathologists  
Northfield, IL

Rachael Liesman, PhD, D(ABMM)  
Univ of Kansas Medical Center  
Kansas City, KS

Heping Han, Ph.D., MD., MB  
(ASCP)<sup>TM</sup>  
Director of Molecular Diagnostic  
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Kristi Traugott, PharmD, BCPS  
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San Antonio, TX

Jason E. Bowling, MD  
Univ Texas Health Sci Center  
San Antonio, TX

Anna Lau, PhD, D(ABMM)  
National Institutes of Health  
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Medical College of Wisconsin  
Milwaukee, WI

Neil Anderson, MD, ABP-MM,  
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Washington University School Med  
St Louis, MO

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Puritan Medical Products  
Roche Molecular

# Meeting Registration Form

**Pre-registration must be postmarked by August 27, 2018**

Check the dates of symposia and/or workshop and enter amount of fees. Total fees can be calculated and checks made payable to SWACM. Payments must be included with registration form. Payment by credit card is only available on the SWACM website [www.swacm.org](http://www.swacm.org). No registration confirmation will be mailed prior to the meeting. Telephone registrations and purchase orders are not accepted. Registration will be available on-site for those who cannot pre-register. Receipts will be available at the registration desk. For Non-members, register for one workshop or symposia at the non-member rate, and receive your 2018 SWACM membership and member rates for all other workshops or symposia.

## Symposia

|   | 2018<br><u>Member</u> | <u>Non-member</u> | <u>Amount</u> | <u>SWACM<br/>Membership</u> | <u>Amount</u> |
|---|-----------------------|-------------------|---------------|-----------------------------|---------------|
| Thursday & Friday   | \$100.00              | \$120.00          | \$ _____      | One Year (\$20.00)          | \$ _____      |
| Single Day: (Circle one)<br>Thursday or Friday                                  | \$50.00               | \$70.00           | \$ _____      | Three Years (\$50.00)       | \$ _____      |
| Institutional Pass*<br>(3 badges provided for symposia on<br>Thursday & Friday) |                       | \$360.00          | \$ _____      |                             |               |

## Workshops

Workshops that do not have a minimum number of pre-registrants may be canceled. **Check workshop times and do not register for workshops that run concurrently.**

|                            |                 |         |          |
|----------------------------|-----------------|---------|----------|
| WS1 AST (Basic)            | \$50.00         | \$70.00 | \$ _____ |
| WS2 IQCP                   | \$50.00         | \$70.00 | \$ _____ |
| <b>WS3 Risk Assessment</b> | <b>Canceled</b> |         |          |
| WS4 AST (Advanced)         | \$50.00         | \$70.00 | \$ _____ |
| WS5 Molecular              | \$50.00         | \$70.00 | \$ _____ |
| WS6 CAP                    | \$50.00         | \$70.00 | \$ _____ |
| WS7 Mycology               | \$50.00         | \$70.00 | \$ _____ |
| WS8 Automation             | \$50.00         | \$70.00 | \$ _____ |
| WS9 Gram Stains            | \$50.00         | \$70.00 | \$ _____ |

Total Payment \$ \_\_\_\_\_

Name \_\_\_\_\_ SWACM member# \_\_\_\_\_

Institution \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_ Email \_\_\_\_\_

Mail or Fax Pre-Registration to: **SWACM**  
P.O. Box 742857  
Dallas, TX 75374-2857

For questions contact: Jan Howard  
PH: (214) 345-4256  
Fax: (214) 345-4275  
[janhoward@texashealth.org](mailto:janhoward@texashealth.org)

**SWACM**  
**P.O. Box 742857**  
**Dallas, TX 75374-2857**



**37th Annual Meeting**  
**Southwestern Association of Clinical Microbiology**  
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