SCASM 82nd ANNUAL MEETING

Fast and Furious Microbes in the Media

October 25-27, 2018 | Hyatt Regency La Jolla at Aventine, San Diego, CA
YOU ARE CORDIALLY INVITED to join me and your fellow microbiologists for the 82nd Annual Meeting of the Southern California Branch of the American Society for Microbiology (SCASM). The meeting will be held in the beautiful city of La Jolla at the Hyatt Regency.

The SCASM committee and distinguished speakers have prepared a weekend of topics that will stimulate, enhance, and expand your knowledge. Please take this opportunity to enjoy networking with your colleagues and new friends, interacting with over 40 exhibitors and learning about exciting innovative technologies.

We will also pause to extend a special tribute to the late Dr. Maurice White, who served our organization for many years with a happy, friendly spirit!

We look forward to seeing you October 26th and 27th as we learn and grow together.

LaRonda S. Frazier, MS, CLS, MT(ASCP)
President, SCASM

It is with great sadness that we announce the passing of Dr. Maurice White on May 2, 2018. Dr. White obtained his PhD from UCLA in 1957 and worked at Cedars Sinai Medical Center until 1963. He then served as Chief Microbiologist at the Wadsworth Veterans Administration Medical Center until his retirement in 1997. During a career that spanned nearly four decades, Dr. White trained countless numbers of students, including those pursuing careers in medical technology, pharmacy and medicine. He played a particularly influential role in mentoring postdoctoral fellows as they prepared for positions as clinical microbiology laboratory directors. Dr. White was a dedicated and passionate clinical microbiologist which was apparent to all with whom he interacted. He was an active volunteer and loyal supporter of SCASM throughout his career where he served on numerous committees and held several offices, including the SCASM Presidency from 1985 - 1987. Dr. White is remembered as the “go to” volunteer when questions arose about the SCASM constitution and SCASM finances and is one of a select group of SCASM members to be granted SCASM honorary member status. Dr. White will be greatly missed by his family, friends and colleagues.
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Educator Session-Mini ASMCUE
Course 18-075-10 3 CONTACT HRS.

9:30am - 12:45pm
9:30am - 10:15am
The Human Microbiome in Health and Disease:
May the Fiber Be with You
[Katrine Whiteson, PhD; UCI Microbiome Initiative]
Infection with a bacterial pathogen does not occur in a vacuum. Humans evolved in the presence of the dynamic microbial communities that inhabit our bodies, encoding the majority of unique metabolic genes. Hear about several of our lab’s research projects that seek to answer questions about how individual human-associated microbial communities affect health.

10:15am - 10:30am
Coffee Break, Exhibits and Student Posters
Location: Aventine Ballroom

11:15am - 12:00pm
Using the Microbiology Concept Inventory (MCI) to Find Student Misconceptions and Assess a Large Microbiology Course Transitioning to a Hybrid Format
[Julia Massimelli, PhD, UCI]
If we are to teach microbiology effectively, tools are needed to measure teaching effectiveness. This talk will discuss educational applications of the ASM’s MCI, a tool that facilitates assessing students’ misconceptions and learning gains on important microbiology concepts before and after taking microbiology courses. Learn how the MCI has enabled Dr. Massimelli to evaluate student learning, discover misconceptions and point out areas where efforts should be made to develop learning approaches to overcome them.

Saturday, October 27

7:00am - 3:30pm
COLLEGIATE POSTERS & TEACHER WORKSHOP
Sponsored by: bioMérieux, Inc.
Moderators: Victoria Anikst, CMS, M(ASCP)
Jannael Lopez, CLS, MLS(ASCP)
Shelley Campeau, PhD, D(ABMM)

7:00am - 8:30am
Registration: Grand Foyer

7:00am - 7:45am
Continental Breakfast: Aventine Ballroom

8:30am - 9:15am
Poster Set-up: Barcino

9:15am - 10:15am
Career Session & Create Your Own Microbe Challenge: San Remo

10:00am - 11:00am
Poster Judging: Barcino

11:00am - 12:00pm
Guided Tour of Exhibits: Aventine Ballroom

12:00pm - 12:15pm
Speed Talks: Student Poster Presentations
Vicino Ballroom and Portofino A/B

12:15pm - 1:00pm
Poster Judging (cont’d): Barcino

1:00pm - 1:45pm
Student Lunch: Aventine Ballroom

1:45pm - 5:00pm
Session S-3: Vicino Ballroom

2:45pm - 3:00pm
Presentation of Poster Winners: Vicino Ballroom

SCASM will judge all student posters and continue our tradition of supporting the lead author of each winning poster to present the team’s work at ASM Microbe 2019 in San Francisco. Please visit the posters and encourage students to share their research with you. It will be a mutually beneficial experience!

3:00pm - 3:30pm
Remove Posters: Barcino
Speaker photos and bios are located at scasm.org

Thursday, October 25

5:00pm - 9:00pm  Exhibitor Set Up - Aventine Ballroom
(subject to change)
3:00pm - 5:00pm  Registration - Grand Foyer
3:00pm - 5:00pm  Board Meeting - Portofino A/B
5:00pm - 7:00pm  Exhibitor Thank-You Reception - Palatine A/B

Friday, October 26

7:00am - 5:00pm  Registration - Grand Foyer
7:00am - 7:45am  Continental Breakfast
7:45am - 8:45am  CORPORATE SPONSORED SESSIONS
SESSION F-1  COURSE 18-075-02  1 Contact Hr.
Choose one of the following 5 corporate sessions. Admission is first come, first serve (first 50 attendees) due to limited space.

(1) Quantitative BK on a Moderately Complex Sample to Answer ARIES® Instrument
[Jackie Berumen, CLS; Sharp Healthcare]
Location: Palatine A
The development and validation of a quantitative BK assay utilizing the ARIES® System and Luminex ASR’s to support patient testing in a community hospital will be discussed. Specifics of training and reporting from a CLS’s perspective will be emphasized.
Sponsored by: Luminex Corporation

(2) Optimizing Microbiology Lab Operations in the Era of PAMA
[Nicholas Halzack, MPH and Chris McGowin, PhD; Roche Diagnostics]
Location: Palatine B
This presentation will provide an overview of the Protecting Access to Medicare Act (PAMA) and its implications for the microbiology laboratory in terms of test utilization and test reimbursement. Practical advice for offsetting PAMA and other challenges through optimization of microbiology laboratory operations will be given.
Sponsored by: Roche Diagnostics

(3) Focus on the Positives: Full Laboratory Automation & Digital Microbiology for Fast Actionable Results & Improved Turnaround Times
[Norman Sharples, CEO and Susan Sharp, PhD, D(ABMM), F(AAM); COPAN Diagnostics]
Location: Portofino A
Latest developments in technology available to microbiology laboratories will be presented. Benefits of newer algorithms will be highlighted to include: automatically sorting plates by “growth” vs. “no growth”; detection of positives on chromogenic media; and colony counting. With these, labs should never miss a positive and personnel should never have to touch a negative plate again!
Sponsored by: COPAN Diagnostics

9:00am - 12:00pm  FRIDAY SCIENTIFIC SESSIONS
SESSION F-2  COURSE 18-075-03  2 Contact Hrs.
Location: Vicino Ballroom
Moderator: Deisy Contreras, PhD; UCLA Health

9:00am - 9:10am  Opening Message
[LaRonda Frazier, MS, CLS, MT(ASCP); Kaiser Permanente]

9:10am - 10:00am  Advances in the Laboratory Diagnosis of Invasive Candidiasis and Their Therapeutic Implications
[Thomas Walsh, MD, PhD (HON), FIDSA, FAAM, FECMM, (ASM Waksman Foundation Lecturer); Weill Cornell Medicine of Cornell University]

10:00am - 11:00am  Exhibits Open & Break

11:00am - 12:00pm  Microbiome Detection in the Clinical Laboratory – Are We There Yet?
[Grace Aldrovandi, MD; UCLA Health]

12:00pm - 1:30pm  Exhibits Open & Lunch
Location: Aventine Ballroom
Co-sponsored by: BD Diagnostics & Medical Chemical Corp.

1:30pm - 5:00pm  SCIENTIFIC SESSIONS (cont’d)
SESSION F-3  COURSE 18-075-05  3 Contact Hrs.
Location: Vicino Ballroom
Moderator: Chairut Vareechon, PhD; Children’s Hospital Los Angeles

1:30pm - 2:30pm  What’s in a Name? A Guide to Embracing Taxonomic Updates for Bacteria
[Audrey Schuetz, MD; Mayo Clinic]

2:30pm - 3:30pm  Laboratory Diagnostics for Pneumonia: A Breath of Fresh Air in the Smog of Culture
[Blake Buchan, PhD; Medical College of Wisconsin]

3:30pm - 4:00pm  Exhibits Open & Break
Location: Aventine Ballroom
Sponsored by: Cepheid
Saturday, October 27

7:00am - 9:00am  President's Reception and Social
Location: Hyatt Poolside
Entertainment sponsored by: Copan Diagnostics
Reception décor sponsored by: Accelerate Diagnostics

9:00am - 12:15pm  SATURDAY SCIENTIFIC SECTIONS
SESSION S-2  COURSE 18-075-06  1 Contact Hr.
Choose one of the following 5 corporate sessions. Admission is first come, first serve (first 50 attendees) due to limited space.

(1) Real World Strategies to Improve Antibiotic Stewardship – Paring Rapid Microbiology Results With Procalcitonin Guidance
[Mike Broyles, BSPharm, PharmD; Five Rivers Medical Center]
Location: Palatine A
This session will describe ways in which appropriate use of microbiology tests as part of an antibiotic stewardship program can lead to reduction in: days of therapy; C. difficile infections; 30-day readmissions; mortality; and adverse drug events. Particular emphasis will be placed on use of procalcitonin testing and antibiotic stewardship efforts. 
Sponsored by: bioMérieux, Inc.

(2) Panther Fusion®: A Fully Automated, High-throughput, Modular Approach to Syndromic Respiratory Testing
[Daniel Kolk, PhD; Hologic Inc.]
Location: Palatine B
Testing for infections of the respiratory tract is an ongoing concern. In this session, you will discover how the fully automated, random access Panther Fusion® system provides a novel, modular approach to syndromic testing for respiratory viruses.
Sponsored by: Hologic, Inc.

(3) What’s new with C. difficile – It’s Complicated!
[Margie Morgan, PhD, D(ABMM); Cedars-Sinai]
Location: Portofino A
C. difficile has replaced MRSA as the most common healthcare-acquired infection. Laboratory testing for C. difficile has become a very complicated issue and has been met with many questions. Some answers were recently provided by the updated C difficile IDSA practice guidelines published in 2018. This presentation will discuss the updates and guidance provided for patient selection, algorithmic diagnostic testing options, and treatment.
Sponsored by: BD Diagnostics

(4) Simplifying HIV and Syphilis Testing
[Maria Crisostomo, BS, MBA; Bio-Rad Laboratories, Inc.]
Location: Portofino B
This session will provide an overview of the evolution of diagnostic tests for HIV and syphilis, including multiplex bead immunoassay tests. Procedures for evaluation of existing testing and reporting algorithms based on the clinical utility of available tests will be provided.
Sponsored by: Bio-Rad Laboratories, Inc.

(5) The Persistent Problem of Pertussis – Infection & Diagnosis
[Michele Tabb, PhD, DiaSorin Molecular LLC]
Location: San Remo
Despite decades of successful vaccination programs, whooping cough caused by Bordetella infection has resurged in recent years. In this session, the clinical presentation of Bordetella infection and its public health impact as well as laboratory diagnosis of B. pertussis and B. parapertussis infection will be discussed.
Sponsored by: DiaSorin Molecular, LLC

10:30am - 1:30pm  Exhibits Open & Break
Location: Aventine Ballroom

11:30am - 12:00pm  Syphilis: Return of the Great Imitator
[Ina Park, MD; UCSF]
Sponsored by: Luminex Corporation

12:00pm - 12:15pm  Speed Talks: Student Poster Presentations

12:15pm - 1:45pm  Exhibits Open & Lunch
Location: Aventine Ballroom

1:45pm - 5:00pm  SCIENTIFIC SESSIONS (CONT’D)
SESSION S-3  COURSE 18-075-09  3 Contact Hrs.
Location: Vicino Ballroom
Moderator: Susan Vergara, CLS, MT(ASCP); Kaiser Permanente

1:45pm - 2:45pm  Case Studies Part 1
[William Lainhart, PhD; University of Arizona and Amy Leber, PhD; Nationwide Children’s]

2:45pm - 3:00pm  Presentation of Poster Winners
[Victoria Anikst, CMS, M(ASCP); Janneal Lopez, CLS, MLS(ASCP)]

3:00pm - 3:15pm  Break - Vicino Courtyard

3:15pm - 4:00pm  Case Studies Part 2

4:00pm - 4:55pm  Meet the Experts
[Jennifer Dien Bard, PhD, D(ABMM), FCCM; Children’s Hospital LA
Omai Garner, PhD, D(ABMM); UCLA Health
Nicole Green, PhD, D(ABMM); LACPH
Margie Morgan, PhD, D(ABMM); Cedars Sinai]

4:55pm - 5:00pm  Closing Remarks
[President – LaRonda Frazier, MS, CLS, MT(ASCP); Kaiser Permanente]
Education
Education is the major component in the purpose of the Southern California Branch of the American Society for Microbiology (SCASM). Through its educational activities, SCASM contributes to the profession and helps to increase, refine, and perpetuate the microbiologist's body of knowledge. With an exceptional faculty presenting relevant, diverse and stimulating sessions, this is a meeting you cannot afford to miss! SCASM is recognized by the State of California as an Accrediting Agency for Continuing Education for Clinical Laboratory Sciences.

Scientific Exhibits
In addition to quality education, you will have an opportunity to visit with the companies that provide products and services to your lab. Take advantage of this valuable opportunity to review new products and ask questions about ones you currently use.

CEU Documentation
CEU documentation is available and included in member and non-member registration fees, but not student registrations. If you require CEU's, you should arrive early to your sessions to allow time to check-in. You must attend the entire session and you must check in for each session. CEU credit will also be available for the Corporate Sponsored sessions on Friday and Saturday mornings. A total of 14 units may be earned if you attend all qualified sessions.

Hotel Information
The SCASM 82nd Annual Meeting will be held again at the Hyatt Regency La Jolla, 3777 La Jolla Village Drive, San Diego, CA 92122. The hotel is offering a special group rate of $189.00 single or double occupancy. Book your reservation at www.scasm.org, or https://book.passkey.com/go/SCASM2018. You can also call Hyatt reservations at 888-421-1442 by Thursday, October 4, 2018. To receive a room at this special rate, you must state that you are with the Southern California Branch of the American Society for Microbiology and you must make your reservations by October 4. Reservations received after this date will be taken on a space & rate availability basis. Self-parking is $10.00 per day for overnight guests or $5.00 for day use.

SCASM Membership Discounts
Current members of SCASM for the 2018 membership year (by October 1, 2018) are eligible for the members' discount rate on registration fees. You can join or renew your membership at www.scasm.org.

Attention Young Techs
The New Technologist Scholarship Program will be held again this year. Details will be forthcoming by email and on the website, www.info@scasm.org. Watch for it!

CORPORATE SPONSORED SESSIONS
We’re offering the Corporate Sponsored Sessions again this year. The 7:45am sessions on Friday and Saturday mornings will be a selection of scientific sessions, with nationally known speakers presenting topical information about new methods and instrumentation. DUE TO LIMITED SPACE, IT WILL BE FIRST COME - FIRST SERVE TO THE FIRST 50 PEOPLE IN THE ROOM. No charge to program registrants – FIRST COME – FIRST SERVE.

Registration Options
Register on line now at www.scasm.org or complete the registration form in this brochure and return as indicated with your check made payable to SCASM.

Full Registration
Your full registration includes all of the Sessions, Scientific Exhibits, breakfast and lunch on Friday and Saturday, as well as the President’s Reception on Friday evening.

Guest Registration
Guest registration includes Scientific Exhibits, breakfast and lunch for one or two days (depending on registration choice). This registration option is for non-scientific guests only. If a guest plans to attend the Sessions, the regular Full Registration fee must be paid.

Student Registration
Student registration includes all of the Sessions, Scientific Exhibits, breakfast and lunch on Friday and Saturday, as well as the President’s Reception on Friday evening. Student registrants must be able to provide a student ID at the registration desk on site. Student registrants ARE NOT eligible for CEU's.

One Day Registration
One day registration includes Sessions, Scientific Exhibits, and breakfast and lunch for the day. DOES NOT include President’s Reception.

Food & Beverage Functions
If you purchase a full registration, it includes admission to the breakfast and lunches each day, as well as the President’s Reception on Friday evening.
If you purchase a one day or guest registration, it includes admission to the breakfast and lunches on the day you attend, but it DOES NOT include the President’s Reception on Friday evening. You must purchase a separate ticket for that evening if you’d like to attend.

Friday Evening President’s Reception
We invite you to join us for the President’s Reception on Friday night poolside at the Hyatt. This is a night you won’t want to miss.
If you are not a “full meeting registrant”, you can still attend this reception for a modest fee of $75.00, which includes cocktails, heavy hors d’oeuvres and entertainment for the evening. All exhibitors are entitled to two passes per paid booth to this reception, included in their exhibit fee.

Cancellation/Refund Policy
A full refund, less a $50.00 processing fee, will be granted for cancellation requests received in writing by September 1, 2018. No refunds will be granted after this date.

Annual Meeting Management
Questions related to registration for the Annual Meeting can be directed to 858-487-7759 or info@scasm.org.
Please type or print clearly:

First Name_________________ Last/Surname_________________

Work Affiliation__________________________________________

Preferred Mailing Address__________________________________

City________________________ State/Province_____________ Zip/PostCode__________________

E-Mail Address (required for confirmation)____________________

Phone: 858-487-7759  |  E-mail: info@scasm.org

Mail this registration form to:
SCASM
10889 La Alberca Avenue, San Diego, CA  92127
Phone: 858-487-7759  |  E-mail: info@scasm.org

** PHONE REGISTRATIONS CANNOT BE ACCEPTED
You will receive a confirmation letter by e-mail within two weeks of your registration.

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### 1. Full General Registration Fees
(includes sessions, meals, President’s Reception & exhibits)

<table>
<thead>
<tr>
<th>(Please Check One Category)</th>
<th>SCASM Member</th>
<th>Non-Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Bird (postmarked by 8/25)</td>
<td>$185</td>
<td>$215</td>
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<tr>
<td>Regular Rate (postmarked by 10/1)</td>
<td>$205</td>
<td>$235</td>
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<tr>
<td>On-Site Rate (postmarked after 10/1)</td>
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</tr>
<tr>
<td>Student Rate (anytime)</td>
<td>$70</td>
<td>$100</td>
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</table>

**NOTE: Student Registrants must provide student ID at registration desk on site.**

### 2. One Day Registration Fees
(includes sessions, meals & exhibits)

**MUST** Choose Day to Attend:  
- [ ] Friday  
- [ ] Saturday

<table>
<thead>
<tr>
<th>SCASM Member</th>
<th>Non-Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Day (postmarked by 8/25)</td>
<td>$110</td>
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<tr>
<td>1 Day (postmarked by 10/1)</td>
<td>$130</td>
</tr>
<tr>
<td>1 Day On-Site Rate (after 10/1)</td>
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</tr>
<tr>
<td>Student (anytime)</td>
<td>$45</td>
</tr>
</tbody>
</table>

**NOTE: Student Registrants must provide student ID at registration desk on site.**

### 3. Guest Registration Fees
Guest registration is for nonscientific guests only and includes all meal functions, but not the Friday Night President’s Reception or any sessions.

**MUST** Choose Day(s) to Attend:  
- [ ] Friday  
- [ ] Saturday

One Day [ ] $90  
Two Days [ ] $175

### 4. I plan to attend the Educator Session - Mini ASMCUE on Saturday
- [ ] yes  
- [ ] no

### 5. Friday Night President’s Reception Registration
a. Full Meeting Registrant - No Add’l Fee. Will you attend?  
- [ ] yes  
- [ ] no

b. I need to purchase additional tickets for the President’s Reception
- [ ] $75 per person  
- [ ] # of tickets required at $75 ea:________

Exhibitors receive 2 tickets per booth, included with exhibit fee.

### 6. Exhibits Only Registration
(This registration includes admission to exhibits only, no meal functions.)
- [ ] $25 per day

### 7. Registration Fees Total

- [ ] $_________________ Registration Fee
- [ ] $_________________ Add’l President’s Reception Ticket(s)
- [ ] $_________________ My total registration fee for Annual Meeting.

- [ ] I prefer to pay by check. Please make the check payable to SCASM & mail with this registration form to:
SCASM, 10889 La Alberca Avenue, San Diego, CA  92127

If you would like to pay by credit card (AMEX, VISA, MC or Discover), please go to the website www.scasm.org to register.

### 8. PLEASE INDICATE ANY SPECIAL NEEDS

**Dietary:**
- [ ] Diabetic  
- [ ] Vegetarian  
- [ ] Low Salt  
- [ ] Low Fat  
- [ ] Vegan  
- [ ] Shellfish Allergies  
- [ ] Other (please explain)________

**Physical:** The Hyatt Regency La Jolla is ADA compliant.

- [ ] Please check here if you require special accommodations in order to participate in the Annual Meeting AND send written description of your needs to info@scasm.org.

### 9. Cancellation/Refund Policy
A full refund, less a $50.00 processing fee, will be granted for cancellation requests received in writing by September 1, 2018. No refunds will be granted after this date.

### 10. Membership – Current Members & New Members
To be eligible for the member registration fee, you must be a 2018 SCASM member by October 1, 2018. If you are a current member and want to renew your membership or if you are not a member and want to become a member, go to www.scasm.org to join or renew.

DO NOT INCLUDE YOUR MEMBERSHIP FEE WITH YOUR REGISTRATION FEES FOR THE ANNUAL MEETING. THESE ARE TWO SEPARATE TRANSACTIONS.

*Registrations must be postmarked by dates indicated, without exception, to receive discounted rates. Pre-registration cannot be accepted by phone, fax or mail after October 18, 2018. You may register until October 27, 2018 on line at www.scasm.org at the on-site rates.*
2018 SCASM ANNUAL MEETING

14 Hours of Continuing Education Credits Available
Obtain up to 7 Hours/Day. 0.1
CEU = 1 Contact Hr. (California). SCASM is recognized by the State of California as an Accrediting Agency for Continuing Education for Clinical Laboratory Sciences.