

# CPHM Committee Virtual Business Meeting

January 17, 2024



AMERICAN  
SOCIETY FOR  
MICROBIOLOGY



# Clinical and Public Health Microbiology Committee (CPHMC)



The red boxes indicate a Chair position who sits on the CPHMC. Also serving on the CPHMC are the Vice-Chair, up to three at large members and the Division C Councilor & COMS CPHM Community Leader (*ex officio*).

# Clinical and Public Health Microbiology Committee (CPHMC)

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**Chair:** Linoj P. Samuel, PhD, D(ABMM)

**Vice Chair:** Erin Graf, PhD, D(ABMM)

## Priorities

- Advocacy
- Communication
- Diagnostic Stewardship
- Next-Generation Sequencing
- Visibility
- Workforce



# American Board of Medical Microbiology (ABMM)

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**Chair:** Karissa Culbreath, PhD, D(ABMM)

**Vice Chair (Incoming Chair July 2024):** Nathan Ledebor, PhD, D(ABMM)

## Updates

- Certified 35 Diplomates in 2023 (71% pass rate).
- 49 examinees for June 2023 exam.
- Exam blueprint updated to reflect the roles and minimal competencies required for a medical and public health microbiology laboratory director.
  - Changes will be reflected on the 2024 exam.
  - Several items have been eliminated from the exam blueprint (some operational administration, budgeting, HR questions).
  - Additional items writers have been recruited to fill questions needed in revised and new items.
  - We continue to recruit item writers to help ensure the exam remains up to date and reflects the required competencies of a director of medical and public health microbiology laboratories.

*Members Serving: April Bobenchik, Blake Buchan, Susan Butler-Wu, Mark Gonzalez, and William Glover*



# Coding and Reimbursement (C&R) Subcommittee

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**Chair:** Omai Garner, PhD, D(ABMM)

**Vice Chair:** Joseph Yao, MD, D(ABMM)

## Updates

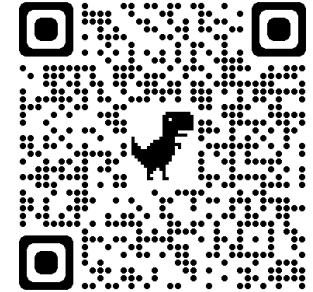
- Attendance and participation at relevant coding and reimbursement meetings and caucuses, including Pathology Coding Caucus (PCC) and CMS Clinical Laboratory Fee Scheduling.
- Consultation on relevant coding proposals, discussions with other organizations (e.g., ACLA), and formation of collaborative working groups, when appropriate
  - Surveys sent to CMN re: PJP PCR and multiplex molecular assay usage
- Response to C&R concerns from ASM members
  - Upcoming topics: MolDx



# Clin Micro Mentoring Subcommittee (CMMS)

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**Chair:** Samia Naccache, PhD, D(ABMM)



## Updates

- Career Advancement Webinars (Available on ASM's YouTube Channel)
- Organized Medical Laboratory Professionals Week Events
- ASM Microbe 2023 panel regarding training/staffing problems and solutions
- ASM Conference of Undergraduate Educators (ASMCUE) presentation: "Guiding your Undergraduates to a Career as a Real-life Pathogen Hunter"
- Updating Clinical and Public Health Microbiology Careers PowerPoint
- Surveying needs/avenues of support for ASM student chapters and branches about CPHM careers to help recruit scientists to clinical microbiology at the undergraduate level
- Resource Reminders
  - CPHM Careers Landing Page (QR Code)
  - Recorded Career Conversations for the Medical and Public Health Laboratory Scientist
  - Provided mentorship for scientists seeking a career in microbiology via the mentors roster

*Members Serving: Zenda Berrada, Ben Bradley, Patricia Cernoch, Nicole Green, Neil Greene, Mondraya Howard, Rachel Hursh, Kurt Jude, Perceus Mody, Phyu Thwe, Wilson Vientos, and Jessica Witmier*



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# Evidence-based Laboratory Medicine Practice Guidelines Subcommittee (EBLMPG)

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**Chair:** Esther Babady, PhD, D(ABMM)

**Vice Chair (Incoming Chair July 2024):** Brian Mochon, PhD, D(ABMM)

## Current Projects

- Bloodstream Infections (leads: Donna Wolk/Kristie Johnson): Writing Stage
- Blood Culture Contamination (leads: Bob Sautter, Irv Nachamkin, Vickie Baselski): Writing Stage
- Gastrointestinal Pathogen Panel (Subcommittee members): Scoping Review
- Guidance on How to Perform Diagnostics Outcomes Studies
  - Co-Writer: ADLM

## Coming up

- Call for Topics to ClinMicronet/DivC to Identify Evidence Gaps that should be addressed

*Members Serving: Ahmed Babiker, Teresa Karre, Amity Roberts, and Kileen Shier.*



# Laboratory Practices Subcommittee (LPS)

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**Chair:** Laura Filkins, PhD, D(ABMM)

**Vice Chair:** Rosemary She, MD, D(ABP)

## Updates

- Priorities: Laboratory Stewardship
  - Position paper on the foundation for microbiology laboratory-driven diagnostic stewardship
  - Guidance document on approaches to implementing diagnostic stewardship for molecular tests
- Updated guidelines: ASM-APHL Sentinel Guidelines for Anthrax (Completed, pending publishing on website), ASM-APHL Sentinel Guidelines for Brucella (Final revisions)
- Early stages of collaboration with Microbiology Society and ICSP to develop a Committee for Mitigating Changes in Prokaryotic Nomenclature
- Reviewed multiple manuscripts from external organizations for endorsement consideration
- Represented ASM on external working groups
- Submitted comments to the FDA on at-home testing



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*Members Serving: Neil Anderson, Carrie Anglewicz, Stella Antonara, Rebekah Dumm, Kurt Jerke, Elizabeth Marlowe, Nicholas Moore, Maria Navas, Elizabeth Palavecino, Logan Patterson, Frances Valencia-Shelton, and Sean Zhang*



# Personnel Standards & Workforce Subcommittee (PS & W)

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**Chair:** Jenn Dien Bard, PhD, D(ABMM)

**Vice Chair:** Kyle Rodino, PhD, D(ABMM)

## Updates

- Completed draft of manuscript quantifying impact of medical microbiology consultation
- Commentaries describing how CM lab directors support healthcare teams

*Members Serving: April Abbott, Jeff Bender, Allison Eberly, Melissa Gitman, Amy Leber and Paul Luethy.*



# Professional Development Subcommittee (PDS)

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**Chair:** Matthew Pettengill, PhD, D(ABMM)

**Vice-Chair (Incoming Chair July 2024):** Sophonie Oyeniran, PhD, D(ABMM)

## Updates

- 2023 Webinars
  - Anti-Fungal Susceptibility Testing: Reviewing the Old and Bracing for the New
  - Diagnosis of Blood Parasites: Classic and Challenging Presentations
  - Antimicrobial Susceptibility Testing: 2023 Updates (Webinar Series)
  - 9 Virtual Journal Club sessions in 2023 (Average Registration: 192)
- Case Study Saturdays
- February 21, 11 AM ET: Webinar Series Strengthening Laboratories in Resource-Limited Settings in collaboration with ASM Global Public Health Programs

*Members Serving: Alexandra Bryson, Adam Caulfield, Rich Davis, Krupa Jani, Jessica Larsen, Kimberly Starr, and Morgan Waddell.*



# subCommittee on Postgraduate Educational Programs (CPEP)

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**Chair:** D. Jane Hata, PhD, D(ABMM)

**Vice Chair:** Morgan Pence, PhD, D(ABMM)

## Updates

- 21 microbiology, 3 immunology programs.
- Ten in-person program reaccreditation inspections performed
  - Activity previously suspended due to COVID
- Update of Operational Procedures document
- CPEP Visibility activities
  - Lab week 2023 Coffee Chat
  - CPEP Fellow's breakfast (Microbe 2023)
  - CPEP general information session (Microbe 2023)

*Members Serving: Danny Ortiz, Greg Berry, Elly Powell, Jocelyn Hauser, Reeti Khare, Anu Maharjan, Raquel Martinez and Tony Tran*

*New CPEP Program Director representative: Jamie Lemon (Northwell Health)*



# *Journal of Clinical Microbiology*

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**Editor in Chief:** Alexander McAdam, MD, PhD, D(ABMM)

## **Updates**

- Microbe Session: The Year in Clinical Microbiology
- New Section: Innovative Diagnostic Approaches
  - Proof of concept
  - Novel or significantly revised methods with potential for clinical application
  - Full demonstration of performance is not required
- Editor Appointments: Dr. St. George, Dr. Rhoads and Dr. Byrne
- Upcoming searches: Editors for July 2024, Editor-in-Chief for July 2025



# *Journal of Clinical Microbiology*

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**Editor in Chief:** Alexander McAdam, MD, PhD, D(ABMM)

## **Updates**

- New open-access ASM journal coming soon!
- *ASM Case Reports* will accept submissions mid-2024, launch in 2025
- "a dedicated platform for the prompt publication of high-quality case reports in clinical microbiology and infectious diseases"
- Nominations for Editor-in-Chief accepted through February 8, 2024. Self-nominations are welcome.



# Clin Micro Open 2024

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**Co-Chairs:** Daniel Rhoads, MD, D(ABMM) and Jean Patel, PhD, D(ABMM)

**Goal:** Bring together leaders from IVD manufacturers and medical directors to discuss contemporary challenges and opportunities in clinical microbiology.

## Key Points

- Small single-track meeting (60 people) meant to foster industry & lab collaboration
- Action-packed with over two dozen presentations in 1½ days
- Travel and lodging are paid by ASM
- This year's topic is "Lab of the Future" with 3 half-day topics:
  1. Artificial intelligence
  2. Centralized vs. Decentralized
  3. When there is no consensus in the standard of care

*Industry members serving: Stephanie Mitchell (Cepheid) and Andrea Prinzi (bioMerieux)*

*Medical Director members: Jennifer Dien Bard and David Peaper*



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# ASM Microbe 2024

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## CPHM Program Committee

**Track Leader:** Jennifer Guthrie, PhD

**Vice Track Leader:** David Peaper, MD, PhD, D(ABMM)

### Updates

#### Sessions Submitted (n=67)

2 Workshops  
16 In-depth Symposia  
3 Panel Discussions  
9 Track Hubs

#### Early Abstracts

<b>Total</b>	91
<b>Accept</b>	82
<b>Reject</b>	7

*Members serving: **Wesley Long**, Utsav Pandey, Nicholas Moore, Sara Blosser, and Lars Westblade*



# 2024 Clinical Virology Symposium (CVS)

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**Program Committee Co-Chairs:** Benjamin Pinsky, MD, PhD and Rangaraj Selvarangan, BVSc., Ph.D., D(ABMM), FIDSA, FAAM

## Updates

- 2024 CVS will take place October 7-10 in Long Beach, California
- Program Committee will convene in early-February 2024
- Registration and housing will open in February 2024
- Abstract submissions will open in March 2024
- Visit the website for details: <https://asm.org/events/clinical-virology-symposium>

*Members serving: committee selection in-progress*





# Clinical Microbiology Policy & Advocacy

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- ASM Staffers: Allen Segal, Mary Lee Watts,\* Amalia Corby, and Paige Larkin
- Recent Clinical Issues
  - FDA Proposed Rule Regulating LDTs: ASM working group, ASM Town Hall (11/1), response letter to FDA (12/4)
  - AST Breakpoints
    - AMR Policy Paper
    - AMR Focused Hill Day 2023
  - Coding & Reimbursement Challenges
  - PSAC Meeting
  - Clinical Briefings
    - "From AMR To Zika: Strengthening Pathogens Genomics in Public Health"
    - "Leveraging the Microbiome to Support One Health"
  - ASM member (Dr. Amy Mathers) testifying before Congress
  - PAHPA and SALSA



# Lab Equity Group

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- Committee Members:
  - ASM Volunteers: **Karissa Culbreath** (Lead), Omai Garner, Elitza Theel
  - ASM Staff: Paige Larkin (Team Sponsor), Shannon Vassell, Wes Kim
- Mission: Contribute to the sustained advancement of clinical microbiology laboratory practices across all settings, ensuring equitable access to accurate, timely and quality infectious disease diagnostic tests, irrespective of economic status, race, ethnicity, gender, sexual orientation or geographic location.
- Activities and Deliverables
  - Data Dissemination: Facilitate the dissemination of data through publications in journals, identifying suitable outlets for sharing our group's work.
  - Share Recommendations: Identify and provide recommendations to address gaps, needs, and challenges related to lab equity.
  - Guidelines: Create guidelines for improving lab equity, aiming to overcome barriers and identify strategies for engaging stakeholders effectively.
  - Building a Network: Establish a "lab equity" network to connect and support individuals dedicated to advancing laboratory equity.



# CPHM Web and Communications Overview

Jan. 2024



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# Overview

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## How Scicomm Partners with CPHM

- Web presence.
- Advocating for Policies that support our CPHM community.
- Newsletter communication.
- Bugs & Drugs Volunteer Writer team.
- Additional CPHM publications, events and initiatives.

# Website

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## ASM.org's Taxonomic Structure Allows Content to Be Filtered by Clinical Topics & Audiences

- [Clinical and Public Health Microbiology](#): 10,363 pageviews.
- [Clinical Infections Browse by page](#): 2,554 pageviews.
- [Medical Laboratory Professional](#): 1,335 pageviews.
- [Clinician](#): 225 pageviews.

Note: Content displayed in reverse chronological order—newest relevance.

Browse by pages can be filtered further by sub topic, content type and year.

Date Range: Jan 1, 2023–Dec. 31, 2023

# CPHM 1,579 pageviews since April 2023

- **Strategic storytelling:** Emphasizes ASM’s support of a strong community of medical and public health microbiologists.
- Promotes the essential, life-saving impact of the CPHM community.
- **Featured content:**
  - **Committee Intro:** Intro to CPHM committee/mentors.
  - **Priority Action Items:** 5 dynamic “I Want To” bullet points.
  - **New Content:** Automatically updated feed highlighting CPHM articles, webinars and laboratory guidelines.
  - **How to Get involved:** Featured Volunteer opportunities.
  - **Advocating for CPHM Issues:** Easy access to policy statements on current issues impacting the CPHM community.



#### Our Work

ASM is home to a strong community of medical and public health microbiologists who play a critical role in the detection and characterization of human and animal pathogens. We support our members by advocating for evidence-based policy and scientific funding, providing access to protocols and guidelines covering optimal procedures for a variety of clinical microbiology techniques, verification protocols and safety requirements and publishing authoritative research in the field.

#### I Want To:

- [Browse guidelines, verification protocols and IGCP templates.](#)
- [Access Cumitech consensus reports.](#)
- [View 2023 Breakpoint Implementation Toolkit.](#)
- [Publish with the Journal of Clinical Microbiology.](#)
- [Publish with Clinical Microbiology Reviews.](#)

- **How to Advance Your Career:** Links to CPHM careers, CPEP and ABMM.
- **Workforce Shortages:** Describes how ASM is addressing shortages in the CPHM workforce—Highlights Weber State and Workforce Shortage Survey.

<https://asm.org/Clinical-Public-Health-Microbiology>

# CPHM Careers

4,492 pageviews since April 2023

- **Strategic storytelling:** Introduces CPHM professionals to the field and supports them on their professional journey. From early to late career, we provide resources and mentorship to help CPHM professionals excel.
- **Featured content:**
  - **Background:** Why laboratory testing is essential to healthcare.
  - **Committee Intro:** Intro to Clinical Microbiology Mentoring Subcommittee.
  - **Quiz:** Is a Career in Clinical or Public Health Microbiology Right for You?
  - **Downloadable Flyer:** For distribution at job/career fairs. Info about available positions—includes info about job requirements, occupational outlook and salaries.



## Our Work

We support a global network of clinical and public health microbiology professionals who are dedicated to saving patient lives through the detection and management of infectious diseases. From early to late career, we provide resources and mentorship to help you excel in the field. Take our quiz to find out if a career in CPHM is right for you. Gain access to professional development resources and start networking with the CPHM community today.

## I Want To:

- Learn about a day in the life at the bench.
- Access Careers Salary Survey.
- Meet CPHM Mentors.
- Network with CPHM professionals.
- Register for a CPHM Webinar and CE credit.

- **Getting Started:** Link to job board to find open positions.
- **Apply:** for a Training programs or Certification Exam.
- **Advance Your Career:** Fellowships (CPEP) and certifications (ABMM).



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<https://asm.org/Careers-in-Clinical-Public-Health-Microbiology>

# CPHM Newsletter

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Sent the Last Thursday of Each Month.

- 2023 Averages.
  - Open rate: 44.81%.
  - Click rate: 12.29%.
- 2022 Averages.
  - Open rate: 39.66%.
  - Click rate: 8%.
- Number of subscribers since last sent (Dec 2023): 1,422.



# Bugs & Drugs Volunteer Writers

- Team of 6 clinical volunteer writers.
  - Commit to writing 3 pieces per year and helping edit one another's articles.
  - Andrea Prinzi.
  - Peter Gilligan.
  - Rodney Rohde.
  - Thea Brennan-Krohn.
  - Matt Pettengill.
  - Natalie Marshall.
- Team SME: Alex McAdam.
- Editor: Ashley Hagen.
- Space for up to 4 more writers.

Articles & Site Search Performance Page Publish Date (Enter Year) Jan 1, 2023 - Jan 1, 2024

Site Content by Pageviews (delta YoY) Site Searches

Page Title	Date Published	Type	Pageviews...	% Δ
1. Urine Good Hands: Diagnosing UTIs With ...	Feb 8 2021	Article	83,758	-11.6% ↓
2. Identifying Bacteria Through Look, Growth,...	Feb 7 2020	Article	51,102	-25.0% ↓
3. Careers in Microbiology and the Microbial ...	Nov 12 2019	Article	31,431	-25.0% ↓
4. Microbial Origins of Body Odor	Dec 30 2021	Article	30,737	63.4% ↑
5. Scarlet Fever: A Deadly History and How it ...	Jan 24 2023	Article	30,441	-
6. The Great Oxidation Event: How Cyanobac...	Feb 18 2022	Article	29,899	64.8% ↑
7. What You Need to Know About Nipah Virus	April 20 2023	Article	27,491	-
8. History of Yellow Fever in the U.S.	May 17 2021	Article	26,533	-22.6% ↓
9. Three Reasons Fungi Are Not Plants	Jan 6 2021	Article	22,892	-28.7% ↓
10. Phage Therapy: Past, Present and Future	Aug 31 2022	Article	22,284	94.6% ↑
11. How Quorum Sensing Works	June 12 2020	Article	22,025	-1.2% ↓
12. Why Differential & Selective Media Remain...	Sept 25 2020	Article	21,795	-35.0% ↓
13. Old Wives' Tales and Garlic as an Antibioti...	July 19 2019	Article	20,345	-15.2% ↓
14. The Role of Bacterial Biofilms in Antimicro...	March 6 2023	Article	17,098	-
15. How Pathogens Penetrate the Blood-Brain ...	April 17 2020	Article	16,145	-29.9% ↓
16. The 7 Viruses That Cause Human Cancers	Jan 25 2019	Article	15,746	-38.6% ↓
17. Making Sense of Respiratory Viral Panel R...	March 2 2020	Article	15,340	-46.7% ↓
18. Psilocybin and Mental Health: The Magic i...	Feb 10 2023	Article	14,181	-
19. Updating Breakpoints in Antimicrobial Sus...	Feb 22 2022	Article	12,229	-26.1% ↓
20. Revisiting the Great Imitator: The Origin an...	June 17 2019	Article	12,171	-13.5% ↓

Search Term	Total Unique Sear...
1. using cellular nanosponge...	3,976
2. Academy	1,156
3. microbiome	473
4. articles	368
5. fellowship	344
6. microbiology	185
7. *	173
8. travel grant	157
9. webinar	155
10. agar art	141
11. microbe	137
12. abstract	131
13. ngs	131
14. poster	130
15. HIV	122
16. webinars	118
17. bacteria	118
18. gram stain	115
19. salmonella	115
20. microcosm	112
21. training	110

8/20 top performing articles by pageview were written by B&D authors.



# Additional CPHM Content

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- [Career Conversations.](#)
  - **What:** Multi-media audio series (accompanied by article summary) on career advancement in clinical and public health laboratories.
  - **Who:** Members of ASM's Clinical Microbiology Mentoring Subcommittee (CMMS) will invite guests to discuss topics specific to the laboratory.
- [Clinical Microbiology VJC.](#)
- [Antimicrobial Susceptibility Testing Webinar.](#)
- [Guidelines.](#)
  - [Brucella and Ochrobactrum Taxonomic Updates for Laboratories.](#)
  - [The Emergence of mcr-1 Plasmid-Mediated Colistin Resistance.](#)

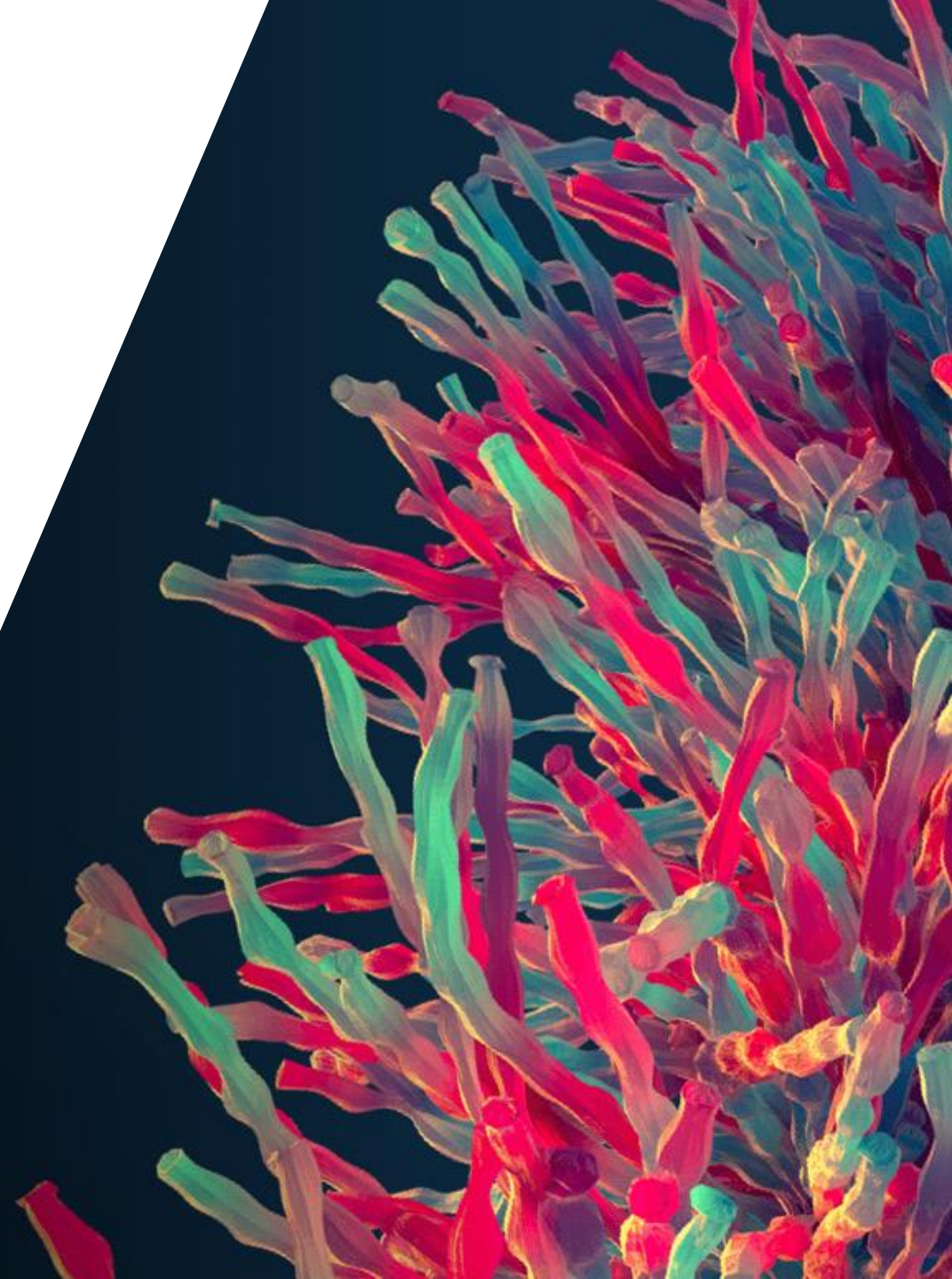


**Thank You!**

Questions? Contact Us.

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- **Ashley Hagen**
- [ahagen@asmusa.org](mailto:ahagen@asmusa.org)
- Scientific and Digital Editor | ASM



# Collaborations with Other Societies

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- Organizations: ACLA, ADLM, AMP, APHL, ASCP, CAP, CLSI, IDSA, SHEA
- Clinical and Policy & Advocacy ongoing collaborations
- ASM Volunteer Representation on External Committees
- ASM Staffer Representation and Liaison on External Committees and Partnership Calls

# Q & A



**Thank You!**

Questions? Contact Us.

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- [clinmicro@asmusa.org](mailto:clinmicro@asmusa.org)

