



**NACMID**

Northeast Association for Clinical  
Microbiology and Infectious Diseases

**NACMID's *Thirty Sixth Annual Meeting* presents:**

# Keeping Current and Sailing with the Tides of Change in Clinical Microbiology



***UMass Lowell Inn & Conference Center***

***50 Warren Street***

***Lowell, MA***

***September 25 & 26, 2023***

# Session Faculty & Presenters

**Esther Babady, PhD, D(ABMM), FIDSA, FAAM**

Chief, Clinical Microbiology Service  
Director, Clinical Microbiology Post-Doctoral Fellowship Program  
Professor and Attending, Dept Pathology & Laboratory Medicine  
Memorial Sloan Kettering Cancer Center  
New York, NY

**Dana Powell Baker, MBA, MS, MLS(ASCP)<sup>CM</sup>**

Manager, Academic Partnerships  
Association of Public Health Laboratories (APHL)  
Silver Spring, MD

**Sankha “Bobby” Basu, MD, PhD**

Director, Clinical Microbiology  
Tufts Medical Center  
Boston, MA

**Andrew Berens, MBA, MLS(ASCP)<sup>CM</sup>, SM<sup>CM</sup>**

Business Development Manager, Northeast  
COPAN Diagnostics  
Murrieta, CA

**Stephen M. Brecher, BS, MS, PhD**

Associate Professor, Pathology & Laboratory Medicine  
Boston University School of Medicine  
Medical Director, Microbiology (Retired)  
VA Healthcare Boston  
Boston, MA

**Jeffrey Cies, PharmD, MPH, BCPS-AQ ID, BCPPS, FCCP, FCCM, FPPA**

Senior Medical Science Liaison  
BioMerieux  
Salt Lake City, UT

**Mert Corbaci, PhD**

DNN Applications Engineer  
MetaSystems Group, Inc.  
Medford, MA

**Shoolah Escott, MS, MT(ASCP)**

Biosafety, Biosecurity and Bioterrorism Preparedness Trainer  
CDC and MA State Public Health Laboratory (Retired)  
Boston, MA

**Marilyn Bibbs-Freeman, PhD, D(ABMM)**

Deputy Director, Division of Consolidated Lab Service  
Committee Chair, Diversity, Equality, and Accessibility  
Association for Public Health Labs (APHL)  
Silver Spring, MD

**James T. Griffith, PhD, CLS(NCA)**

Chancellor Professor Emeritus (Retired)  
University of Massachusetts- Dartmouth  
Managing Partner, Forensic DNA Associates  
North Dartmouth, MA

**Sanjat Kanjilal MD, MPH**

Associate Medical Director, Microbiology  
Brigham and Women’s Hospital  
Lecturer, Dept. of Population Medicine  
Harvard Medical School & Harvard Pilgrim Healthcare  
Institute  
Boston, MA

**Nancy S. Miller, MD**

Clinical Professor, Pathology & Lab Medicine  
Boston University  
Chief & Vice Chair, Pathology & Lab Medicine  
Medical Director, Clinical Microbiology & Molecular  
Diagnostics  
Boston Medical Center  
Boston, MA

**Marisa C. Nielsen, PhD**

Assistant Professor, Pathology & Lab Medicine  
Boston University  
Assistant Director, Clinical Microbiology  
Boston Medical Center  
Boston, MA

**Amanda Suchanek, PhD**

Medical Science Liaison  
BioMerieux  
Salt Lake City, UT

**Phyu Thwe, PhD, D(ABMM), MLS(ASCP)<sup>CM</sup>**

Associate Director, Infectious Disease Testing  
Montefiore Medical Center  
Assistant Professor  
Albert Einstein College of Medicine  
Bronx, NY

**Stephen Vella, PhD**

Medical Science Liaison  
BioMerieux  
Salt Lake City, UT



**Masking is optional for this event.** Please rest assured that NACMID and the conference center will comply with all recommended cleaning and sanitation procedures to best ensure your health and safety!



**Vaccination against COVID-19 is HIGHLY RECOMMENDED for attendance to this event.** The pandemic may be over, but vaccines continue to be our best tools against COVID-19. For a list of vaccine clinics near you go to: [www.vaccines.gov](http://www.vaccines.gov)



For updates and information regarding current and upcoming meetings, follow us on social media: **Northeast Association for Clinical Microbiology and Infectious Disease**

# HOW TO REGISTER FOR NACMID 2023??

## It's so easy, an AI Chatbot can do it!

A Hey Google Bard! How can I register for the 2023 NACMID conference?

View other drafts

Sure, here are the steps on how to register for the 2023 NACMID conference:

1. Go to the NACMID website: <https://nacmid.org/>
2. Click on the "2023 Conference" tab.
3. Click on the "Register" button.
4. Create an account or log in to your existing account.
5. Select the type of registration you want (attendee, exhibitor, or sponsor).
6. Enter your personal information and contact details.
7. Select the sessions you want to attend.
8. Choose your payment method and pay the registration fee.

Early Bird Pricing is available until August 15th, 2023. You can save 10% on the registration fee if you register during this period.

Here are the registration fees for NACMID members and non-members:

Type of Registration	NACMID Member	Non-Member
Two-Day	\$160 (Early Bird: \$144)	\$200 (Early Bird: \$180)
One-Day	\$110 (Early Bird: \$99)	\$130 (Early Bird: \$117)

Export to Sheets

I hope this helps! Let me know if you have any other questions.

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Bard may display inaccurate or offensive information that doesn't represent Google's views.

Go to [www.NACMID.org/2023-conference](http://www.NACMID.org/2023-conference) to sign up for this year's meeting!



**Sign up prior to August 15, 2023 for Early Bird pricing!**

# Keynote Address:

Monday September 25, 2023 @ 6:00 PM

## Clinical Case Conundrums

**Keynote Speakers:** *Nancy S. Miller, MD*  
*Marisa C. Nielsen, PhD, D(ABMM)*



This will be an interactive case-based forum. Come test your knowledge with challenges like: when technology isn't enough, when anatomic pathology meets clinical pathology, diagnostic red herrings and when the bugs don't read the books. Sharpen your microbiology wits and get ready to learn and enjoy!

**Nancy S. Miller, MD**, is Chief and Vice Chair for Laboratory Medicine and serves as the Medical Director for Clinical Microbiology and Molecular Diagnostics at Boston Medical Center. She is also a Clinical Professor in the Department of Pathology & Laboratory Medicine at Boston University Chobanian & Avedisian School of Medicine. She earned her M.D. with distinction in research from SUNY-Stony Brook. She completed her residency in Anatomic and Clinical Pathology, and fellowship training in medical microbiology all at Johns Hopkins Medical Institutions. She is a pathologist and clinical microbiologist with more than two decades of experience in infectious disease diagnostics, patient care, outbreak response and preparedness. She advises and leads translational research including development of in-vitro infectious diseases diagnostics and comparative evaluation studies, and is immersed in the challenges of diagnostic microbiology and process improvement every day.

**Marisa C. Nielsen** received her B.S in Microbiology and her M.S. in Environmental Microbiology from University of Arizona. She spent nearly a decade working in clinical microbiology before deciding to pursue her PhD at University of California, Irvine. Afterwards, she completed her Clinical Microbiology Fellowship at University of Texas, Medical Branch. She is a certified Specialist in Microbiology by the American Society for Clinical Pathology and a board-accredited Diplomate of the American Board of Medical Microbiology. Her interests range from microbiome research to infectious diseases diagnostics and microscopy, with a specific focus on pathogens acquired from environmental exposures. Currently, she is an Assistant Professor for Pathology and Laboratory Medicine at Boston University Chobanian and Avedisian School of Medicine, as well as the Assistant Director for Clinical Microbiology at Boston Medical Center.

### ***Wine and Cheese Reception & Keynote address: Both are FREE***

Please join us for a reception, hosted by the Vendors in the Exhibit Hall following Monday's Workshops, from 4:30-6:00pm. We will be serving Wine & Cheese, soft drinks and cold beer, and hot and cold hors d'oeuvres. ***The Keynote Address will*** be from 6:00-7:00 pm. **THESE EVENTS ARE FREE HOWEVER YOU MUST REGISTER SEPARATELY IF NOT ATTENDING A WORKSHOP and/ or GENERAL SESSION.** For questions about registering, please email [rebecca.zaffini@gmail.com](mailto:rebecca.zaffini@gmail.com) or [Cynthia.Astolfi@steward.org](mailto:Cynthia.Astolfi@steward.org)

# **At A Glance: Monday September 25**

**Workshop 1: 8am to 12pm and 2-4:30pm**

**Workshops 2&3: 8am-12pm (1/2 day)**

**Workshops 4&5: 2-4:30pm (1/2 day)**

7-8a	Registration	Main Lobby
8a -12p (cont. 2p-4:30p)	<p><b>Workshop 1 (FULL DAY)</b></p> <p><b>Diagnostic Medical Parasitology Review</b> <i>Lynne S. Garcia, MS, CLS, FAAM (LSG &amp; Associates)</i></p> <p><b>Sponsored by Medical-Chemical Corporation</b></p>	
8a -12p	<p><b>Workshop 2 (HALF DAY)</b></p> <p><b>Antibiotics for Students and Others – You Pick the Ending!</b> <i>Stephen Brecher, BS, MS, PhD (BU School of Medicine, VA Healthcare Boston)</i></p> <p><b>Sponsored by Cepheid</b></p>	
8a -12p	<p><b>Workshop 3 (HALF DAY)</b></p> <p><b>BLOCK 1: AI-Assisted Automated Digital Microscopy in Microbiology</b> <i>Dr. Mert Corbac, PhD (Metasystems)</i></p> <p><b>Sponsored by Metasystems</b></p> <p>-----</p> <p><b>BLOCK 2: Manual to Molecular to MALDI (A Round Table Discussion)</b> <i>Stephen Vella, PhD</i> <i>Jeffrey Cies, PharmD, MPH, BCPS-AQ ID, BCPPS, FCCP, FCCM, FPPA</i> <i>Amanda Suchanek, PhD</i></p> <p><b>Sponsored by bioMerieux</b></p>	
9:00 – 10:00a	<p>Coffee in Exhibit Hall</p> <p>Exhibits Open – <b>Please take time to visit the vendors</b></p>	Exhibit Hall
12:00 – 2:00p	Lunch with vendors	Exhibit Hall
2:00 – 4:30p	<p><b>Workshop 1 Continues</b></p> <p><b>Diagnostic Medical Parasitology Review</b></p>	
2:00 - 4:30p	<p><b>Workshop 4 (HALF DAY)</b></p> <p><b>The Evolution of Molecular Diagnostics for Infectious Diseases</b> <i>Dr. Esther Babady, PhD, D(ABMM) (Memorial Sloan Kettering Cancer Center)</i></p> <p><b>Sponsored by Roche Diagnostics</b></p>	
2:00 – 4:30p	<p><b>Workshop 5 (HALF DAY)</b></p> <p><b>An Ode to the “Cord” – Mycobacterial Diagnostic Testing Review</b> <i>Dr. Phyu Thwe, PhD, D(ABMM), MLS(ASCP) (Montefiore Medical Center)</i></p>	
4:30 – 6:00p	Wine and cheese, hot hors d’œuvres	Exhibit Hall
6:00 – 7:00p	<p><b>Keynote speakers</b></p> <p><b>Clinical Case Conundrums</b> <i>Dr. Nancy S. Miller, MD (Boston Medical Center)</i> <i>Dr. Marisa C. Nielsen, PhD, D(ABMM) (Boston Medical Center)</i></p>	

# Monday- September 25, 2023

## Workshop 1 (8:00am to 12:00pm & 2:00 to 4:30pm) - FULL DAY

### **Diagnostic Medical Parasitology Review**

*Lynne S. Garcia, MS, CLS, FAAM (LSG & Associates)*

Sponsored by **MCC** MEDICAL CHEMICAL CORPORATION

The program will provide updated information on test names, ordering, specimen collection (including the single vial/molecular testing option), processing, testing, and reporting (limitations/interpretation). Challenges related to personnel shortages will also be addressed. Pros and cons for the O&P examination, fecal immunoassays, molecular options (limited/pending more comprehensive systems), and special stains for the coccidia and microsporidia will be reviewed. Organism morphology, pathogenicity, prevalence, and clinical relevance will also be included for the protozoa, helminths, and blood parasites. A practical approach to testing will be emphasized, including the importance of test result report comments. **Level: Intermediate**

Objectives:

- Discuss changes in processing, testing, and reporting
- Review STATS vs routine testing
- Discuss endemic changes (populations, neglected tropical diseases, geography)
- Review organism updates (diagnosis, pathogenicity – protozoa, helminths, blood parasites)
- Discuss routine vs molecular methods (including potential panels and organisms detected)
- Discuss laboratory reporting and the importance of report comments

## Workshop 2 (8:00am to 12:00pm) – HALF DAY

### **Antibiotics for Students and Others – You Pick the Ending!**

*Dr. Stephen Brecher, BS, MS, PhD (BU School of Medicine, VA Healthcare Boston)*

Sponsored by  Cepheid.

This workshop will take you on a journey from the discovery of antibiotics, through the golden years of new antibiotics, to the emergence of antibiotic resistance (super bugs), to the paucity of new antibiotics, and the possibility of a world without antibiotics. We will discuss the why and how of the multitude of changes in antibiotic testing over the past 45 years and simplify testing and understanding test results. We will use multiple methods of engagement, including case reports, group discussions and anecdotal stories. The workshop will end with a discussion of the newest technologies in antibiotic susceptibility testing, and we can discuss how they may help improve patient care. This can lead to a discussion of cost, time to results, communication of results, and patient outcomes. **Level: Basic-Intermediate**

Objectives:

- Learn about life before antibiotics and the impact of penicillin, especially during WWII, had on the survival of humans and animals.
- Discuss what went wrong the year I graduated from college in Microbiology in 1967, the Surgeon General said we can close the book on Infectious Diseases.
- Understand the reasons for changes in antibiotic susceptibility testing breakpoints, especially with respect to the emergence of antibiotic resistance.
- Discuss and explore future options in antibiotic susceptibility testing and issues that will arise such as genotypic vs phenotypic results that may differ.

## Workshop 3 (8:00am to 12:00pm) – HALF DAY

### **BLOCK 1: AI-Assisted Automated Digital Microscopy in Microbiology**

*Dr. Mert Corbaci, PhD (MetaSystems)*

*Sponsored by*



In the last few decades, automated digital microscopy has emerged as a prominent technology to assist in detection and diagnosis of diseases in many fields. Although the adoption of digital microscopy has been relatively slow in microbiology, it brings many advantages. Digital microscopy can provide a more efficient workflow, reduce the need for storing slides, provide ease of access to relevant information, and improve the working conditions of microbiologists. With the proliferation of artificial intelligence in the recent years, digital microscopy gained more popularity. The addition of AI assisted analysis provides high detection accuracy of microorganisms, reduced human error, time savings and high throughput. This presentation will discuss the advantages of AI-assisted automated digital microscopy in microbiology, as well as its limitations and current challenges. **Level: Intermediate**

Objectives:

- Discuss the current state of digital microscopy in the field of microbiology
- Understand the advantages and limitations of AI assisted analysis in digital microscopy
- Discuss the future outlook for slide digitization and artificial intelligence in microbiology

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### **BLOCK 2: Manual to Molecular to MALDI (A Round Table Discussion)**

*Stephen Vella, PhD*

*Jeffrey Cies, PharmD, MPH, BCPS-AQ ID, BCPPS, FCCP, FCCM, FPPA*

*Amanda Suchanek, PhD*

*Sponsored by*



The laboratory tools available to clinicians and scientists have evolved at breakneck pace over the years. In this session, we will discuss how the evolution of laboratory methodology has and will affect laboratory workflow, antimicrobial stewardship, and ultimately patient care. Specifically, we will highlight the progression from manual testing strategies, to the introduction of rapid molecular methods to MALDI-TOF, and what this changing landscape means for the future of the clinical microbiology field.. **Level: Intermediate**

Objectives:

- Understand the unique and important roles of manual and rapid molecular testing in the laboratory
- Gain a technical understanding of MALDI-TOF and where the technology fits in the laboratory
- Understand how different members of the care team (laboratorians, pharmacists) can benefit from evolving technology

## Workshop 4 (2:00pm to 4:30pm) – HALF DAY

### **The Evolution of Molecular Diagnostics for Infectious Diseases**

*Dr. Esther Babady, PhD, D(ABMM) (Memorial Sloan Kettering Cancer Center)*

Sponsored by 

Molecular diagnostic tests have evolved significantly in the last thirty years. From being performed exclusively in specialized, high-complexity laboratories to now also being available as CLIA-waived, point-of-care and at-home tests that can be performed on anyone's kitchen counter. This wide-range of molecular tests, with varying degrees of complexity, opens up unprecedented opportunities for clinical laboratories to build a significant tests menu for the molecular diagnosis of infectious diseases. This workshop will review the history and evolution of molecular diagnostics tests and discuss how they revolutionized the diagnosis of many infectious diseases. Additionally, novel and advanced diagnostic tests, including host-response markers and next-generation sequencing methods, will be discussed to round up the continued evolution of molecular diagnostic tests in infectious diseases. **Level: Intermediate**

Objectives:

- Describe examples of early laboratory-developed molecular tests for infectious diseases
- Discuss examples of early commercial molecular tests and their impact on infectious diseases
- Describe the evolution and current state of molecular tests for infectious diseases
- Discuss the development and utility of advanced molecular tests for infectious diseases

## Workshop 5 (2:00pm to 4:30pm) – HALF DAY

### **An Ode to the “Cord” – Mycobacterial Diagnostic Testing Review**

*Dr. Phyu Thwe, PhD, D(ABMM), MLS(ASCP) (Montefiore Medical Center)*

In this workshop, we will cover THREE main areas of Mycobacteriology testing – stain(s), identification, and susceptibility. Having our discussion based on cases, we'll first discuss different types of AFB staining scenarios. Secondly, we will cover different testing methodologies for identification of Mycobacteria, which will make up the bulk of this workshop. Then, lastly, we will touch on susceptibility testing. **Level: Basic-Intermediate**

Objectives:

- Understand an overview of Mycobacterial from staining
- Understand the evolution and application of AFB testing and identification methodologies
- Discuss a brief overview on susceptibility

# **At A Glance: Tuesday September 26**

**Lecture 1: 8-9am**

**Lectures 2 & 3: 10am-12pm**

**Lecture 4: 3:15-5pm**

**Please be sure to attend the NACMID business meeting from 3:00-3:15!**

7:00-8:00a	Registration	Main Lobby
8:00-9:00a	<p><b>For Students: Beyond the Bench: Career Paths in Clinical Microbiology</b>  <i>Esteemed Speaker Panel</i>  <i>Moderated by: Shoolah Escott, MS, MT(ASCP)</i></p> <p>-----</p> <p><b>For Professionals: DEIA (Diversity, Equity &amp; Inclusion) in the Laboratory Setting</b>  <i>Dana Powell Baker, MBA, MS, MLS(ASCP)<sup>CM</sup> (APHL)</i>  <i>Marilyn Bibbs-Freeman, PhD, D(ABMM)</i></p> <p><b>Sponsored by APHL</b></p>	
9:00-10:00a	Coffee break – Please take time to visit vendors in Exhibit Hall	Exhibit Hall
10:00a-12:00p	<p><b>Lecture 2:</b>  <b>Fungal Infections: Still Ignored</b>  <i>James T. Griffith, PhD, CLS(NCA) (DNA Associates, UMass Dartmouth)</i></p>	
10:00a-12:00p	<p><b>Lecture 3:</b>  <b>Garbage In, Garbage Out: Why Collection Devices Matter and Why You Should Use Them!</b>  <i>Andrew Berens, MBA, MLS(ASCP)<sup>CM</sup>, SM<sup>CM</sup> (Copan Diagnostics)</i></p> <p><b>Sponsored by COPAN Diagnostics</b></p>	
12:00-2:00p	Lunch with Vendors and Student Posters	Exhibit Hall
2:00-3:00p	Student Presentations	
3:00-3:15p	NACMID Business meeting – <b>Please join us, all are invited!</b>	
3:15-5:00p	<p><b>Lecture 4:</b>  <b>Clinical Case Files: Microbial Detection or Pathogen Deception?</b>  <i>Dr. Sanjat Kanjilal MD, MPH (Brigham &amp; Women’s Hospital)</i>  <i>Dr. Sankha “Bobby” Basu MD, PhD (Tufts Medical Center)</i></p>	

## Lecture 1 (8:00am to 9:00am)

### STUDENT TRACK:

#### Career Paths in Clinical Microbiology

*Esteemed Speaker Panel*

*Moderated by: Shoolah Escott, MS, MT(ASCP)*

*Organized and Brought to you by NACMID*

What can you do with a degree in Biology, Microbiology, Medical Laboratory Science, Biomedical Engineering, etc.? Come find out what other careers former and current Clinical Microbiologists have ventured into. Bring your curiosity with you as this will be an open panel discussion with time for Q&A for each panel member.

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### PROFESSIONAL TRACK:

#### DEIA (Diversity, Equity, Inclusion & Accessibility) in the Laboratory Setting

*Dana Powell Baker, MBA, MS, MLS(ASCP)<sup>CM</sup> (APHL)*

*Marilyn Bibbs-Freeman, PhD, D(ABMM)*

*Sponsored by* 

In today's rapidly evolving scientific landscape, fostering diversity, equity, inclusion, and accessibility (DEIA) within laboratory settings has become increasingly crucial. This presentation explores the profound impact that DEIA initiatives can have on promoting scientific excellence, innovation, and societal progress. By embracing and valuing diverse perspectives, experiences, and backgrounds, laboratories can effectively leverage the collective talents and insights of their teams, leading to enhanced problem-solving capabilities and increased connection to the populations they serve. **Level: Basic-Intermediate**

#### Objectives:

- Describe the importance of incorporating fair and unbiased practices in hiring, promotion, and resource allocation
- Discuss practical strategies and best practices for promoting DEIA in laboratory settings
- Describe the benefits of creating diverse teams in STEM and lab communities

**\*\* Any attendee may attend whichever track they'd like based on their interest.**

### Lecture 2 (10:00am to 12:00pm)

#### **Fungal Infections: Still Ignored**

*James T. Griffith, PhD, CLS(NCA) (Forensic DNA Associates, UMass Dartmouth)*

Fungal infections, long ignored, have risen to the attention of the World Health Organization so much so that action is recommended. These circumstances exist in the U.S. as well and represent an opportunity for American clinical microbiology laboratories to re-assert the importance of specimen collection, initial characterization and actual identification of isolates as we once did. This session will look at the obstacles as well as the possible solutions to the problem facing us in the service of our patients, as well as the most pressing fungal agents and the infections they cause.

**Level: Intermediate**

#### **Objectives:**

- Describe the current global concerns about fungal infections
- Discuss the current and future importance of scaled-up clinical laboratory identification of fungi
- Describe how invasive fungal diseases are associated with immunocompromised patient conditions

### Lecture 3 (10:00am to 12:00pm)

#### **Garbage In, Garbage Out: Why Collection Devices Matter and Why You Should Use them!**

*Andrew Berens, MBA, MLS(ASCP)<sup>CM</sup>, SM<sup>CM</sup> (Copan Diagnostics)*

*Sponsored by*  **Copan**  
innovating together

This session will focus on 3 areas in the clinical microbiology laboratory. First, we will discuss specimen collection devices for infectious disease diagnosis; specifically, liquid-based microbiology (LBM) collection devices and how they compare to older, traditional non-LBM devices. Collection devices for several specimen types will be discussed. Second, we will focus on how LBM collection devices allow for a more streamlined and efficient automated workflow for microbiology culture analytics. Lastly, we will explore the use of artificial intelligence (AI) software applications to assist in the interpretation of culture results.

**Level: Basic-Intermediate**

#### **Objectives:**

- Understand liquid-based microbiology (LBM) collection devices and how they can be used in the clinical microbiology laboratory.
- Discuss how LBM products can lead to the implementation of automation in microbiology.
- Explore how AI is used with culture interpretations to assist microbiologists in more rapidly and efficiently reporting and working up of cultures in the laboratory.

# Tuesday- September 26, 2023

## Student Presentations (2:00pm to 3:00pm)

All welcome to presentations of selected student posters. For students: In order to present a poster at NACMID, please email Kristin at [Kipper31@comcast.net](mailto:Kipper31@comcast.net)

## NACMID Business Meeting (3:00pm-3:15pm)

***Cynthia Astolfi (NACMID President)***

All invited to join for newest updates, messages and awards before our last lecture of the conference.

## Lecture 4 (3:15pm to 5:00pm)

### **Clinical Case Files: Microbial Detection or Pathogen Deception?**

*Dr. Sanjat Kanjilal, MD, MPH (Brigham & Women's Hospital)*

*Dr. Sankha "Bobby" Basu, MD, PhD (Tufts Medical Center)*

It's only a month away from Halloween, and some bugs have changed into their costumes early! In this talk, we will discuss a few interesting clinical cases where the causative pathogen was not anticipated. We'll break down the key elements of the cases, including how clinical and laboratory findings may have led us down the wrong path, but how we ultimately solved the case. We hope these cases are not only enjoyable and educational, but also consider how our own experience and biases may contribute to these diagnostic dilemmas. Trick or treat!. **Level: Intermediate**

Objectives:

- Some bugs read the textbooks: Appreciate common presentations of uncommon pathogens
- Some bugs don't read the textbooks: Appreciate uncommon presentations of common pathogens
- You may hold the key: Understand the clinical microbiology laboratory's critical role in challenging cases
- Encapsulate your knowledge: Understand how virulence factors such as capsules can vary between strains and impact both the patient as well as our diagnostic workup

# Conference Location & Parking

We are pleased to announce a new venue for NACMID 2023 this year. The **UMass Lowell Inn & Conference Center** was selected to be the host venue for the Northeast Association for Clinical Microbiology and Infectious Diseases 2023 Conference.

## Conference Center Address:

*UMass Lowell Inn & Conference Center  
50 Warren St.  
Lowell, MA 01852*

We do not have a room block this year at the hotel. For hotel accommodations, please book a room at one of the surrounding hotels. Some suggestions below:

Residence Inn by Marriott Tewksbury/ Andover  
1775 Andover St  
Tewksbury, MA 01876  
(978) 640-1003

Sonesta Select Boston Lowell Chelmsford  
30 Industrial Ave E  
Lowell, MA 01852  
(978) 458-7575

**Free on-site parking is offered to all NACMID attendees and vendors on event days.** Please see map below to ensure you park in the correct location to avoid any parking charges. **Enter garage from UMass Lowell I&CC parking lot- DO NOT enter the garage from the Warren Street entrance.**



For ADA requirements and special food arrangements, please contact Marty Wilson at least two weeks before the meeting: [ashland254@comcast.net](mailto:ashland254@comcast.net)

# CONFERENCE REGISTRATION!

## **\*\*CONSIDER AN INSTITUTION PASS\*\***

***NACMID offers your institution the opportunity to purchase an institution pass for the Workshops and General Sessions***

### **The Institution Pass covers:**

- ✓ Workshops and General Sessions
- ✓ All Breaks
- ✓ Two lunch tickets (different days or same day)
- ✓ ASCP CMLE's for both attendees

The **institution pass** allows two people from one institution to share a two-day registration. They can each come separate days or they can both come on the same day. **Please indicate on the registration form the name and day each person will be attending.**

Registration materials (including name badges, masks, and attendance certificates) will be ready for each participant on the day of their arrival. We hope this will provide you with more flexibility in scheduling people to attend Our Annual Meeting.

## **YOU MAY NOW REGISTER ONLINE AT:**

**[www.NACMID.org/2023-conference](http://www.NACMID.org/2023-conference)**

### **Pricing is as below:**

<b>Registration Options</b>	<b>NACMID Members</b>	<b>Non-members</b>	<b>Students**</b>
<b>Institution Pass</b>	\$195/ two attendees		
<b>Two Day Registration (one person)</b>	\$160	\$210	\$0
<b>One Day Registration (one person)</b>	\$110	\$145	\$0

**\*\* To classify as a “Student” for free admission, you must be currently enrolled full-time in an associate’s or bachelor’s Medical Laboratory degree program or other AS/ BS life science/ healthcare degree field in which Clinical Microbiology is relevant. Student ID and proof of degree program required at check-in the day of the event. Formal employer-based clinical laboratory structured training programs also apply- with proof of enrollment. For questions about eligibility please reach out to [rebecca.zaffini@gmail.com](mailto:rebecca.zaffini@gmail.com)**

NACMID would like to extend a huge thank you to our vendors and speaker James Griffith for sponsoring student participation at this year’s event, making it possible for us to provide free admission to students (a first for us!). NACMID and our incredible partners remain committed to providing you with exceptional, local education in Microbiology at an affordable price. Please help us keep it free for students by adhering to our above student eligibility criteria.

# Call For Student Presentations!!

**ATTENTION  
STUDENTS!**

Are you a student with a relevant study or poster to present?

Let us know, and we look forward to talking more!

**Top winners receive a prize!**

If interested in presenting, please email  
[Kipper31@comcast.net](mailto:Kipper31@comcast.net)



*\*\*No poster or study? That's ok- students can still attend for free! Please register online as a student (verification required)- [www.nacmid.org/2023-conference](http://www.nacmid.org/2023-conference)*

## **PLEASE REMEMBER**

**TO RENEW YOUR NACMID MEMBERSHIP THIS YEAR!**

### **BIG NEWS!!**

**Just like in 2022, WE ARE OFFERING **FREE MEMBERSHIP** for 2023 as well!! Sign up today!**

**Become a member for free at [www.NACMID.org/membership](http://www.NACMID.org/membership)  
(membership alone does not grant entry to NACMID 2023... but will get you a nice discount!)**

TAKE ADVANTAGE OF THE EDUCATIONAL BENEFITS  
THAT WE HAVE TO OFFER, AT RATES FAR LOWER THAN OTHER  
ORGANIZATIONS.

**CONSIDER THE BENEFIT OF CONTINUING EDUCATION AND NETWORKING IN  
PROXIMITY TO YOUR HOME AND PLACE OF EMPLOYMENT!**

See [www.NACMID.org](http://www.NACMID.org) for more information.

# BECOME A

# MEMBER

## JOIN TODAY!



**Do you love Microbiology?**

**Do you like putting together events?**

**Do you like networking and making lasting friendships?**

**Want to see what joining a BOD is all about with no commitment?**

**Come learn more about joining NACMID's Board of Directors!!**

***BOD intro Breakfast***  
***Tuesday, September 26 @ 7am***

**FREE! As space is available**

**RSVP to: [Shoolah@gmail.com](mailto:Shoolah@gmail.com)**

**No experience or job title required. Open to anyone interested in increasing awareness and education for Clinical Microbiology in the Northeast!!**

# Northeast Association for Clinical Microbiology and Infectious Disease

NACMID was organized in the spring of 1983 and formally incorporated as a non-profit organization on July 1, 1983. The purpose of the association is to promote scientific knowledge of clinical microbiology and infectious diseases. **All board members and committee members are volunteers who donate their time to furthering education and passion for Microbiology professionals in New England and New York. Interested in volunteering with us? See one of the members below for more information.**

NACMID serves all of New England and New York and membership is open to anyone interested in Clinical Microbiology and Infectious Disease. Annually, all states come together for a two-day program featuring General Sessions of various topics.

Continuing changes in our field, including the work environment, government regulations, technology, and newly emerging pathogens, make continuing education for all microbiologists a necessity. We are proud to provide high quality, low-cost continuing education to laboratory professionals. We provide ASCP Continuing Medical Laboratory Education (CMLE) units to participants of all local and annual meetings.

Membership in NACMID is open to anyone interested in Clinical Microbiology or Infectious Disease. Please join or renew your membership today by going to [www.NACMID.org/membership](http://www.NACMID.org/membership)

## NACMID Executive Board 2023:

President	Cynthia Astolfi
Treasurer	Maureen Collopy
Secretary	Rebecca Zaffini

## Committee Membership Chairs 2023:

Continuing Education	Debra St. George
Development	Shoolah Escott
Exhibits	Donna Piacitelli
	Andrew Berens
Finance	Shoolah Escott
Program	Cynthia Astolfi
Future Sites	Martha Wilson
Internet	Rebecca Zaffini
Local Arrangements	Martha Wilson
Membership	Kristen Palladino
Publications	Andrew Berens
Proctor	Colleen Dolan
Registration	Kristen Palladino
	Rebecca Zaffini
Social Media Marketing	Ashley Gasinowski

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2022 supporters. Without you,  
we would not be possible!!***

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*Accelerate Diagnostics*  
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*Biocartis / Immunexpress*

THANK YOU



**NACMID**  
15 Hamilton Street  
Dover, NH 03820



**NACMID: THIRTY SIXTH ANNUAL MEETING**  
*UMass Lowell Inn & Conference Center*  
*50 Warren St.*  
*Lowell, MA 01852*



Visit us on Facebook at Northeast Association of Clinical Microbiology and Infectious Disease. Like us!