



Northeast Branch
American Society for Microbiology



Fourth Joint Annual Meeting

**Microbiology:
The Exploration Continues**



Sheraton Portsmouth Harborside Hotel
Portsmouth, NH
April 8 & 9, 2019

Session Faculty & Presenters

Raffi Van Aroian, PhD
Professor, UMASS Medical School
Program in Molecular Medicine
Worcester, MA

Andrew Berens, MBA, MLS(ASCP), SM
Assistant Supervisor, Microbiology
Boston Medical Center
Boston, MA

Monique Bidell, PharmD, BCPS
Pharmacist, Infectious Disease
Massachusetts General Hospital
Boston, MA

Henry S. Bishop, Microbiologist
DPDx Team, Parasitic Diseases Branch
Centers for Disease Control and Prevention
Atlanta, GA

Amy Bositis, RN, MSN
Director of Clinical Programs
Greater Lawrence Family Health Center
Lawrence, MA

Christopher M. Bositis, MD, AAHIVS
Clinical Program Director, HIV and Viral Hepatitis
Greater Lawrence Family Health Center
Lawrence, MA

Catherine Brown, DVM, MSc, MPH
State Epidemiologist, State Public Health Veterinarian
Massachusetts Department of Public Health
Jamaica Plain, MA

Janice Bryant, BA, Field Epidemiologist Supervisor
Division of STD Prevention
Massachusetts Department of Public Health
Jamaica Plain, MA

Kate Buchacz, PhD
Team Leader Epidemiology Research Team
Division of HIV/AIDS Prevention,
Centers for Disease Control and Prevention
Atlanta, GA

Maureen Collopy, MT(ASCP), MPH
BT Coordinator
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Concord, NH

Brandon Dionne, Pharm D, BCPS-AQ ID, BCIDP, AAHIVP
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Ramy Elshaboury, PharmD, BCPS-AQ ID
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Boston Health Care for the Homeless Program,
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David de Gijssel, MD, MSc, FID
Geisel School of Medicine at Dartmouth
Dartmouth-Hitchcock Medical Center
Lebanon, NH

Traci Green, PhD, MSc
Associate Professor Emergency Medicine
Associate Director and Senior Scientist, Injury Prevention
Research Center, Boston Medical Center,
Boston University School of Medicine;
Adjunct Associate Professor of Emergency Medicine,
Adjunct Associate Professor of Epidemiology,
Alpert School of Medicine, Brown University

Elizabeth Hohmann, MD
Associate Professor of Medicine/Infectious Disease
Chair and Physician Director, Partners IRB
Harvard Medical School
Brigham & Women's Hospital
McLean Hospital
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Boston, MA

Sanjat Kanjilal, MD, MPH
Instructor, Harvard Medical School
Assistant in Medicine, MGH
Associate Medical Director, Clinical Microbiology
Brigham & Women's Hospital
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Sheryl Lyss, MD, MPH, CAPT
US Public Health Service
Transmission and Molecular Epidemiology Team
HIV Incidence and Case Surveillance Branch
Division of HIV/AIDS Prevention
Centers for Disease Control and Prevention
Atlanta, GA

Nancy S. Miller, MD
Interim Chief, Laboratory Medicine
Medical Director Clinical Microbiology
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Jeffrey Pearson, PharmD, BCIDP
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Elizabeth A. Talbot, MD
Associate Professor
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NH Department of Health and Human Services
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Kerran Vigroux, BS, MPH
Director of Health and Human Services
City of Lowell Health Department
Lowell, MA

Alyse G. Wurcel, MD, MS
Assistant Professor Tufts Medical Center
Department of Medicine
Division of Geographic Medicine and Infectious Diseases
Tufts University School of Medicine
Department of Public Health and Community Medicine
Boston, MA

Keynote Address

The Enemy of My Enemy is My Friend: Using Nematode-pathogenic Bacteria to Cure Pathogenic Nematodes

Monday April 8

6 - 7pm

Raffi Van Aroian, PhD



Bacillus thuringiensis (Bt) is the most successful and leading biologically-produced insecticide globally, accounting for 70% of the market. It is highly safe and effective as an insecticide and the crystal proteins it makes are safe enough and effective enough to be expressed in food crops that we eat (corn, soybean, rice). We have found Bt crystal proteins, related to the ones that kill insects, that target nematodes. Our hypothesis is that these can be used to safely and effectively treat large animals infected with gastrointestinal (GI) parasitic nematodes.

For these studies, we employ two general strategies. We test *in vitro* parasitic nematodes isolated from infected hosts with various crystal protein preparations and formulations. Upon confirmation and optimization of activity *in vitro*, we then test these *in vivo* in animals infected with these parasites. We use a combination of fecal egg counts and GI worm burdens to assess the efficacy of Bt crystal protein treatments. An important aspect of our work is developing APIs with crystal proteins that can be produced cheaply, easily, and massively.

We will present our data on the efficacy of Bt crystal proteins against GI parasitic nematodes. To date, we have found *in vitro* that every GI nematode parasite is sensitive to nematode-active -Bt crystal proteins. Our *in vivo* results have also been superb, showing complete or near complete cure of parasites in rodents, pigs, dogs, and horses. We are currently working on improving formulations for both monogastric animals and ruminants.

We find that Bt crystal proteins hold great promise as new and effective anti-helminthics for large animals and humans.

Free: No Registration Required

Wine and Cheese Reception -

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. This is a free event with no registration required.

The Keynote Address will follow.

At A Glance: Monday April 8

***Workshops 1 and 2 Run from 8am to 4:30pm
Workshop 3 Runs from 8:30am to 4:30pm***

7-8:30a

Registration

8a-12p

Workshop 1
Intestinal Parasites of Public Health Importance
Henry Bishop, CDC

8a-12p

Workshop 2
Antibiotics-Back to the Basics
*Jeffrey Pearson, PharmD, Brandon Dionne, PharmD, Ramy Elshaboury, PharmD,
Ronak Gandhi, PharmD, Monique Bidell, PharmD*

8:30a-12:30p

Workshop 3
**Epidemics Within the Opioid Epidemic:
The Infectious Disease Consequences**

*Amy Bositis, RN, Christopher Bositis, MD, Janice Bryant, BA, Kate Buchacz, PhD
David de Gijzel, MD, Jessie Gaeta, MD, Traci Green, PhD, H. Dawn Fukuda, ScM,
Sheryl Lyss, MD, Nancy Miller, MD, Kerran Vigroux, MPH, Aysse Wurcel, MD*

9a

EXHIBITS OPEN

9a-10a

Workshops 1&2 Coffee in Exhibit Hall

9:45a-10:15a

Workshop 3 Coffee in Exhibit Hall

12p-2p

Lunch in Exhibit Hall
Staggered times

2-4:30p

Workshops 1, 2 and 3 conclude

4:30-6:00p

Wine and Cheese Reception in Exhibit Hall
free event

6-7p

Keynote Address
free event

At a Glance: Tuesday April 9

General Sessions

- 7am to 8am **Registration**
- 8am to 9am **DPDx Interesting Cases: Applying Telemedicine for Parasitology**
Henry Bishop, CDC
- 9am to 10am ***Coffee in the Exhibit Hall***
- 10am to 11am **Next-Generation Antibiotics and Their Next-Generation Challenges,**
Sanjat Kanjilal, MD
- 11 to 11:15am **Business Meeting**
Cynthia Astolfi, President of NACMID and Gregory Repucci, President of NEB-ASM
- 11:15a-12:15p **Student Presentations**
- 12:15p-2:15p ***Lunch in Exhibit Hall***
- 12:30p-1:30p **Poster Judging**
(students, stand by your posters)

NACMID TRACK 1

- 2:15-5:00p **Integration & Use of the Sentinel Lab Protocols**
*Maureen Collopy, MT(ASCP), MPH, Andrew Berens, MBA, MLS(ASCP), SM,
and Catherine Brown, DVM, MSc, MPH*

NEB ASM-TRACK 2 (Emerging Topics)

- 2:15-3:30p **Fecal Transplant for *C. difficile* colitis.....and more?**
Elizabeth Hohmann, MD
- 3:30-4:45p **Global TB Updates Relevant to US Microbiologists**
Elizabeth Talbot, MD

Course Description

Workshop 1 (8am to 4:30 pm)

Intestinal Parasites of Public Health Importance

Henry Bishop, CDC

While most of Microbiology tends to be moving towards PCR and other rapid diagnostic testing, Parasitology in most U.S. labs has continued to be a very manual, morphology-based skill that many labs are losing due to loss of experienced technologists and a decline in parasitic diseases. Join Henry S. Bishop, a founder of the CDC's DPDx Team, to learn many key morphological features of common intestinal parasites identified in Diagnostic Microbiology/ Public Health Labs. A mission of DPDx is to keep the discipline of morphology, as it relates to parasitology, alive. Be sure to attend in order to find out the most up-to-date nomenclature, testing methods, and best practices for processing specimens for intestinal parasitology exams. Attendees will also learn about a service that the DPDx Team provides to laboratories world-wide, free of charge.

Objectives:

- Learn acceptable types of specimens for testing
- Learn processing methods for specimens
- Learn key morphologic features of common intestinal parasites.

Level: Basic-Intermediate

Sponsored by Meridian

Workshop 2 (8am to 4:30pm)

Antibiotics-Back to the Basics

*Jeffrey Pearson, PharmD, Brandon Dionne, PharmD, Ramy Elshaboury, PharmD
Ronak Gandhi, PharmD, Monique Bidell, PharmD*

This workshop will focus on the use of antibiotics in the inpatient setting and how microbiology and culture results impact patient care. Over the course of the day, the most commonly encountered antibiotic classes will be discussed, including their mechanism of action and mechanisms of resistance. Along with a primer on antibiotics, this workshop will also provide a variety of patient case scenarios that demonstrate the clinical use of antibiotics and how microbiology and antimicrobial susceptibility testing play a key role in treatment.

Level: Intermediate



Workshop 3 (8:30am-4:30pm)

Epidemics Within the Opioid Epidemic: The Infectious Diseases Consequences



Northeast Branch
American Society for Microbiology



NEW HAMPSHIRE
DEPARTMENT OF
HEALTH AND
HUMAN SERVICES



Massachusetts
Department of
Public Health

Presented as part of the 4th Annual Meeting of the Northeast Association for Clinical Microbiology and Infectious Disease and the Northeast Branch of the American Society for Microbiology jointly, with the New Hampshire Department of Health and Human Services and the Massachusetts Department of Public Health

PROGRAM:

- 8:30 AM Welcome and Introductions
- 8:40 AM **Diagnostic Microbiology in the Ongoing Opioid Epidemic: A Case-Based Approach**
Nancy S. Miller, MD
- 9:45 AM Break
- 10:15 AM **Case Study, The Lawrence/Lowell HIV Outbreak of 2015-2018, Lessons Learned**
Federal, state, local and community investigators and responders
Amy Bositis, RN MSN, Christopher M. Bositis, MD, AAHIVS, Janice Bryant, BA, Kate Buchacz, PhD, H. Dawn Fukuda, ScM, Sheryl Lyss, MD, MPH, Kerran Vigroux, BS, MPH
- 11:45 AM **Underlying Factors and Evidence-Based Response**
Traci Green, PhD, MSc
- 12:30 PM Lunch
- 2:00 PM **Syndemics: Homelessness, Incarceration, Viral Hepatitis, Other Infections**
Alysse G. Wurcel, MD, MS, Jessie M. Gaeta, MD, Kate Buchacz, PhD, Sheryl Lyss, MD, MPH
- 3:15 PM **Epidemiology and Surveillance: Complexity and Need for Information**
David de Gijzel, MD, MSc, Sheryl Lyss, MD, MPH, Kate Buchacz, PhD
- 4:30 PM Adjourn

OBJECTIVES: Participants will be able to:

- Describe microbiological, clinical, public health and social factors related to the opioid epidemic and the resultant impact on infectious disease incidence and patient management.
- Identify how these factors affect practice and patient outcomes.
- List measures that they and colleagues might advocate or implement to reduce the impact.

The Bureau of Infectious Disease and Laboratory Sciences, Massachusetts Department of Public Health, designates this live educational activity for a maximum of 6.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Massachusetts Medical Society through the joint providership of The Bureau of Infectious Disease and Laboratory Sciences, MA Department of Public Health and the Northeast Association for Clinical Microbiology and Infectious Disease, the Northeast Branch of the American Society for Microbiology, and the New Hampshire Department of Health and Human Services. The Bureau of Infectious Disease and Laboratory Sciences, MA Department of Public Health is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians

This program has been offered by The Bureau of Infectious Disease and Laboratory Sciences, Massachusetts Department of Public Health. A maximum of 6.0 contact hours for this program will be provided in accordance with the regulations governing continuing education requirements for the following Massachusetts Boards of Professional Licensure: Board of Registration in Nursing (CMR 244 5.00), Board of Registration of Social Workers (258CMR 31.00 et seq), Board of Mental Health Professions (262CMR 7.00), Board of Certification of Health Officers (241CMR 4.03), Board of Registration of Sanitarians (255CMR 5.02).

Pharmacists may receive up to 6.0 *AMA PRA Category 1 Credit*[™] in accordance with 247CMR 4.00.

General Sessions Tuesday April 9, 2019

7am to 8am

Registration

8am to 9am

DPDx Interesting Cases: Applying Telemedicine for Parasitology

Henry Bishop

CDC's DPDx Team reviews exciting and interesting case studies that have been submitted to the Parasitic Diseases Branch Diagnostic Team at the CDC in Atlanta, GA. Actual cases will be presented with reveal as to how identification was made. Henry will discuss the service that the DPDx Team provides to laboratories world wide, free of charge, and how assistance from the Team can be had if a laboratory needs the service.

Level: Beginner-Intermediate

9am to 10am

Coffee in the Exhibit Hall

10am to 11am Next-Generation Antibiotics and Their Next-Generation Challenges

Sanjat Kanjilal, MD

Recent investments by the FDA have spurred the development of new antibiotics to treat increasingly drug-resistant Gram negative pathogens and otherwise difficult to treat Gram positive pathogens. In this talk, we will discuss information related to these new agents that is critical to the clinical microbiologist. Topics will cover their pharmacology, clinical indications, approved and off-label antibiotic susceptibility testing modalities and mechanisms of resistance.

Level: Advanced

11 to 11:15am

Business meeting (*Cynthia Astolfi and Gregory Repucci*)

11:15a-12:15p

Student Presentations

12:15p-2:15p

Lunch in Exhibit Hall

12-1:30p

Poster Judging

NACMID: TRACK 1

2:15-5:00p

Integration & Use of the Sentinel Lab Protocols

*Maureen Collopy, MT(ASCP),MPH, Andrew Berens, MBA,MLS(ASCP),SM,
and Catherine Brown, DVM, MSc, MPH*

In today's Microbiology Laboratory, technology and sample-to-answer platforms are becoming very common. This is great for patient care but may put technologists at risk for exposure. In this session, participants will learn to integrate the ASM guidelines into their laboratory protocols to quickly rule-out potential agents of bioterrorism while working harmoniously with the technology available to avoid potential exposures. Participants will learn how to go about creating a Guidelines Committee and also talk about the challenges faced with undertaking such a project and remaining compliant to the sentinel guidelines.

The Veterinary sector will highlight several pathogens which could potentially be used as bio-threat weapons that naturally occur in animals and can be transmitted to humans. Using case studies, BT agents which may be found in routine clinical specimens submitted to diagnostic laboratories will be demonstrated.

Level: Intermediate

NEB ASM: TRACK 2 (Emerging Topics)

2:15-3:30p

Fecal Transplant for *C. difficile* colitis.....and more?

Elizabeth Hohmann, MD

C difficile colitis will be reviewed, as an initial target/exemplar for beneficial manipulation of the human microbiome in disease states. Results and lessons learned from Mass General Hospital's oral capsule FMT program will be reviewed and other interesting illness targets for microbial modulation and "work in progress" will be discussed. Safety, regulatory and ethical issues related to microbial manipulation will be touched upon.

Level: Intermediate

3:30-4:45p

Global TB Updates Relevant to US Microbiologists

Elizabeth Talbot, MD

The purpose of this session is to strengthen clinical microbiologists' knowledge of the global tuberculosis epidemic and current efforts toward control. We will ensure basic understanding of TB epidemiology and focus on novel strategies to diagnose and manage TB. Topics will include rapid molecular methods but also advances in sample management and new approaches for active and latent TB diagnosis.

Level: Advanced

*NACMID and NEB ASM Would like to thank
the following 2018 supporters
Without you, we would not be possible:*

Platinum Level

Beckman Coulter Microscan
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Thank You To:

***Meridian Bioscience, Inc. for Sponsoring our
Parasitology Workshop-2019!***



CALL FOR POSTERS

***This Joint Meeting Provides an Excellent
Opportunity for Poster Presentations
Of Your Latest Student Or Investigator Research
If Your Organization has Posters,
We Invite You to Display Them.***

***Please Contact:
Donna Piacitelli at
dpiacitell@mmc.org
or
Roger Greenwell at
rgreenwell@worcester.edu***

WE WELCOME YOUR POSTER PRESENTATION

The organizing committee of the 4th Joint Meeting of the Northeast Branch ASM & NACMID is pleased to offer you the opportunity to share your work with fellow colleagues. Research may be previously unpublished or papers given at the national meeting. Please use the official Abstract Submission Form by typing or pasting a clean copy of your presentation abstract in the box below. The abstract will be reproduced as submitted. Please use regular font (no smaller than 10) for the content, and leave a blank line between the title and the content. Presenters must be registered for the meeting. Student posters will be judged and prizes awarded (awards announced at meeting). Additionally, 3-4 students will be selected to give 10-15 minute oral presentations on Tuesday, April 9th from 11:15am-12:15 pm. Check the box below to be considered for an oral presentation along with your poster. Students selected for oral presentations will be informed by Monday, March 18th.

Example:

Title: The Strain From Spain.
Authors: D. Quixote and S. Ponza,
 University of Iberia

**Please complete and mail (or email) this form by
 Friday, March 8th, 2019 to:**

Dr. Roger S. Greenwell, Worcester State University
 Dept. of Biology, 486 Chandler St., 310J Science & Tech Building
 Worcester, MA 01602

Email: rgreenwell@worchester.edu

A multiple-drug resistant isolate of

Please exhibit posters: Monday 4/8/19 8am-7pm and Tuesday 4/9/19 8am-5pm (**Posters judged Tuesday 12:30 to 1:30pm**)

Name <i>(Last)</i>	 <i>(First)</i>	 <i>(Middle Initial)</i>
Affiliation:	Student: Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]	
Address:	Considered for Oral Presentation? Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]	
City:	State	Zip Code
Phone: (Day time)	E-mail	

Abstract Category Preference (e.g. Clinical, Biotechnical, Environmental, etc.)
4th Joint Meeting of Northeast Branch ASM & NACMID Abstract Submission Form (please use a font ≥ 10 pt)

Northeast Association for Clinical Microbiology and Infectious Disease

We invite you to become involved! Join a Committee, Help out at our Annual Meeting Become a Contributor !!

Complete and mail this form to NACMID c/o Maureen Collopy
15 Hamilton Street Dover, NH 03820

Name _____

Home Address _____

City _____ State _____ Zip _____ Phone () _____

Preferred mailing address (circle) work home

Hospital/
Business _____

City _____ State _____ Zip _____ Phone () _____

Email _____

Areas of interest and/or professional expertise _____

I would like to know more about duties, functions and time commitments of the position(s) checked below.

I prefer to be contacted by: phone email

COMMITTEES

Continuing Education	Membership
Development	Program
Exhibits	Proctors
Finance	Publications
Funding	Registration
Future sites	Social Media
Internet	Speakers Bureau
Local Arrangements	

ELECTED POSITIONS

President
President-elect
Secretary



NACMID
15 Hamilton Street
Dover NH 03820

NACMID Executive Board:

President	Cynthia Astolfi
President-elect	Beverley Orr
Treasurer	Maureen Collopy
Secretary	Rebecca Zaffini

Committee Chairs:

Continuing Education	Debra St George
Development	Shoolah Escott
Exhibits	Donna Piacitelli
	Howard Lam
	Andrew Berens
Finance	Shoolah Escott
Funding	Cynthia Astolfi
Future Sites	Maureen Collopy
	Martha Wilson
Industry	Alison Marino
	Steve Cook
Internet	Rebecca Zaffini
	Shoolah Escott
Local Arrangements	Maureen Collopy
	Martha Wilson
Membership	Kristen Palladino
Program	Rebecca Zaffini
	Cynthia Astolfi
	Shoolah Escott
Proctors	Colleen Dolan
Publications	Martha Wilson
	William Drenas
Registration	Kristen Palladino
	Rebecca Zaffini
Social Media	Alison Marino
	Ashley Gasinowski

NACMID - the Northeast Association for Clinical Microbiology and Infectious Disease is a non-profit organization dedicated to providing low-cost, high-quality continuing education to Clinical Microbiologists in the 6 New England States and New York.

IMPORTANT!!!

We are Conserving Paper!
Be Sure to Bring **YOUR** Copy of
this Program to the Annual Meeting.

If you receive this in the postal mail, carry it along.
If you receive it via email, please print and carry with
you.

PLEASE REMEMBER

***TO RENEW YOUR NACMID and NEB MEMBERSHIPS
THIS YEAR!***

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

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

***See pages 12, 13, 16 - 20, and 23 for More Information.
Join or Renew with your meeting registration.***

***CONSIDER AN INSTITUTION PASS
for \$195.00***

*NACMID/NEB ASM offers your institution the opportunity
to purchase a pass for the*

Workshops or General Sessions

This pass covers:

Workshops and General Sessions

All Breaks

AND

***One lunch ticket for Monday
and one lunch ticket for Tuesday***

AND

ASCP CEU's

The institution pass allows two people from one institution to share a two day registration, one on Monday and the other on Tuesday, with all the benefits that one person receives when registering for two days. Please indicate on the registration form the name and day each person will be attending.

Registration materials (including name badges 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.

See Registration Page On-Line, for other one-day options.

Northeast Association for Clinical Microbiology and Infectious Disease

NACMID 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.

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 education units (CEUs) to participants of all local and annual meetings.

Membership in NACMID is open to anyone interested in Clinical Microbiology or Infectious Disease. Annual membership is only \$30.00.

In 2019 we are offering free membership to all **new** MT and MLT graduates.

Please join or renew your membership today with the enclosed membership application with the meeting registration form on page 23.

YOU MAY NOW REGISTER ONLINE AT: www.nacmid.org



Title: ___ Mr. ___ Miss ___ Ms. ___ Mrs. ___ Dr.

Name: _____
(first) (middle initial) (last name)

Mailing address: _____

(city) (state) (zip)

Business address: (if different from above)

(city) (state) (zip)

Business Phone: _____ Home phone: _____

FAX: _____ Email: _____

___ Please check if we have your permission to email announcements.
We will NOT give out your email address without your permission; you
will ONLY receive NACMID updates.

- ___ One year \$30.00
- ___ Five years \$125.00
- ___ Life-time membership \$250.00

Please make your check payable to NACMID and mail to :

Maureen Collopy
15 Hamilton Street
Dover, NH 03820



Northeast Branch

American Society for Microbiology

OBJECTIVES

The objectives of the Northeast Branch of the American Society for Microbiology are to promote and advance scientific knowledge and provide fellowship among those in the Northeast Section who are interested in the advancement of Microbiology and related disciplines, and to cooperate with the National Society and with other local branches in the furtherance of these objectives.

MEMBERSHIP

Northeast Branch members do not need to be members of the National ASM. Any student enrolled in an accredited college or university is eligible for Student Membership at a reduced charge. A Membership Form can be found in this brochure or on the NEB website; members can also pay dues when renewing national ASM Membership through eStore.

OFFICERS and COUNCIL

The Council is the governing body of the Northeast Branch, and includes five elected officers, the President, Immediate Past President, President-Elect, Secretary, and Treasurer, along with the National Councilor and four local councilors. The Council exercises general control over Branch affairs and determines policies, arranges meeting programs and other activities, and administers finances. These and other Council positions are held by members who volunteer their time and work to further NEB objectives.

ACTIVITIES

The NEB sponsors/co-sponsors local meetings, symposia, round tables, workshops, and other educational programs, and contributes toward programs such as the Massachusetts State and Regional Science Fairs, Vermont State Fair and Darwin Festival. A Regional Meeting is hosted by the Branch every four years, and includes vendor-sponsored exhibits that provide an excellent opportunity to stay abreast of new clinical diagnostics and other microbiological products. Students can meet and find stimulus from eminent scientists, and can participate in activities by presenting their own research at local meetings in an informal, yet professional atmosphere. NEB often subsidizes the cost of rooms for students presenting papers. One of the most rewarding experiences received from NEB activities is to network and establish contact with fellow microbiologists from other institutions.

Branch news is circulated to the membership via the NEB Newsletter, which announces local and national meetings, elections, functions sponsored by other organizations, national ASM highlights, advertisements for courses, jobs, etc. Anyone is welcome to contact the Branch Secretary about contributing information or articles to the Newsletter.

The NEB web site can be accessed at: <http://northeastbranchasm.org>



MEMBERSHIP RENEWAL FORM

January 1, 2019 – December 31, 2019

Name: ASM Member? ASM Membership No

Preferred Mailing Address

Home/Business Address

Phone (Day) Preferred Email:
Phone (Other) Other Email:

Professional Position:

Specialty:

Primary Area of interest: Biotechnology Education Marketing/Sales
 Clinical/Public Health Industrial Other: _____

Are you interested in any of the following Branch activities? Working on Committees Running for Office

MEMBERSHIP OPTIONS:

Individual (\$ 15.00 annually) Individual (\$ 40.00 / 3 years) Student (\$ 10.00 annually)

Emeritus* (No Charge) *Emeritus membership is defined as a member who is in good standing for 20 consecutive years, and who is retired from their profession.

UPDATE ONLY ENCLOSED (changes can be emailed to NEBranch-ASM@comcast.net)

Renewals postmarked after September 1, 2018 will be effective 9/1/18-12/31/19.

Please renew either with your annual ASM membership or mail this form and dues check (payable to NORTHEAST BRANCH-ASM) to:

Patricia E. Kludt
6 Abigail Drive
Hudson, MA 01749

Date Dues Received: _____

Check No.: _____

September 2018



Northeast Branch
American Society for Microbiology

Northeast Branch-ASM Executive Council:

President	Gregory V. Reppucci
President-Elect	Stefan Riedel
Immediate Past-President	Harvey George
Treasurer	Patricia Kludt
Secretary	Irene H. George
National Councilor	Frank J. Scarano
Local Councilors	Carol L. Finn Roger S. Greenwell, Jr.
Membership Chair	Paulette M. Howarth
Archivist	Emy P. Thomas
Education Representative	Gregory V. Reppucci

NOTES

**Northeast Association for Clinical Microbiology and Infectious Disease
Northeast Branch American Society for Microbiology**



Hotel Information

***The Sheraton Portsmouth Harborside Hotel
250 Market Street, Portsmouth, NH 03801***

is pleased to be the host hotel for the Northeast Association for Clinical Microbiology and Infectious Disease and Northeast Branch American Society for Microbiology Conference.

The overnight rates for the event are listed below. Guest room rates will be offered: **two (2) days prior and two (2) days after** the meeting dates **subject to availability** of guest rooms at the time of reservation.

Call the Sheraton Portsmouth **WELL BEFORE March 15, 2019** at :
603-431-2300, or 866-627-7138.

To receive the GROUP RATE you must **mention NACMID-NEBASM** at the time your reservation is requested.

To guarantee a room, your reservation must be placed no later than **March 15, 2019**. Reservations placed after 5:00PM on the cut-off date will be accepted on a *space available* and *rate available* basis.

Double: \$140.00 King: \$140.00
Includes overnight self-parking.

Rates apply based on the number of adults in each guest room.
All guest room rates are quoted exclusive of applicable state and local taxes which are currently 9%.

Check-in: 3:00 PM Check-out 12:00 PM

Travel Directions:

***The Sheraton Portsmouth Harborside Hotel
250 Market Street, Portsmouth, NH 03801***

Whether North or South Take Exit 7 off Rte 95 in Portsmouth, NH

.

REGISTRATION FORM

Name: _____

Mailing Address: _____
(Street) (City) (State) ((Zip)

Employer/Affiliation: _____
(Street) (City) (State) (Zip)

Telephone: (Home/Cell): _____ (Work): _____

E-mail address:* _____ (Required for Confirmations: sent by email only)

To receive future NACMID or NEB-ASM updates by email, please check here _____

ONLINE REGISTRATION Available at:
www.nacmid.org or use the form below to register by snail mail:

CIRCLE CHOICES: Workshops: Monday April 8 and Symposia: Tuesday April 9, 2019
Includes all lectures, handouts, breaks, lunch, and ASCP CEU's
Pre-registration is encouraged, as space is limited

	NACMID and/or NEB-ASM Member	Non-member	Student
<u>Two Day Registration:</u> Monday and Tuesday	\$160	\$210	\$40
<u>One Day Registration:</u> Monday April 8, 2019 (workshop)	\$110	\$145	\$20
Tuesday April 9, 2019 (symposia)	\$110	\$145	\$20

Institution Pass: Please indicate above the names of each attendee
See page 25 for explanation of Institution Pass

	\$195 (2day)
	\$110 (1day)

PARKING DAY GUESTS: Self parking on site: \$9.00 for the day. \$9.00 (pay upfront)
(Parking at FOUNDRY PLACE: \$1.00/hour (3 blocks walk)

NACMID Membership Application: New (\$30, 1 year)_____ Renewal: (\$30, 1 year)_____

NEB-ASM Membership Application: New (\$15, 1 year)_____ Renewal: (\$15, 1 year)_____

See following pages or above websites for more membership options and information

TOTAL REGISTRATON FEE ENCLOSED: \$ _____

Please Register by March 15, 2019
An additional \$10 fee will be charged for On-Site Registration.

If registering as NACMID: Send this form and check payable to: NACMID to: Kristin Palladino ,
UMass Lowell, 3 Solomont Way, Suite 4, Lowell, MA 01854

If registering as NEB-ASM: Send this form and check payable to: NEB-ASM to:
Pat Kludt, 6 Abigail Drive, Hudson, MA 01749

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



NACMID
15 Hamilton Street
Dover, NH 03820



Northeast Branch
American Society for Microbiology

**NACMID-NORTHEAST BRANCH ASM:
FOURTH JOINT ANNUAL MEETING**