

2023 WCLN Conference:
***"Critical Thinking in the
Age of Microwave Testing"***

**A WCLN Conference for Wisconsin
Laboratory Professionals**

Conference Date:
April 4, 2023

Conference Location:
**Wintergreen Conference Center
and Clarion Hotel & Suites
Wisconsin Dells, WI 53965**

Questions ?
Contact Erin Bowles

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Phone:
608-224-4251

P.A.C.E.® Credit:

P.A.C.E.® credit will be available for the conference and a certificate of participation will be granted as continuing education. The WSLH is an approved provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program.

Vendors:

Product vendors have not been invited to this conference; commercial product solicitation or demonstration will not be included.

Special Needs:

In compliance with the Americans with Disabilities Act (ADA), individuals requiring special accommodations must notify the program coordinator no later than two weeks prior to the date.

No Fee:

This conference is offered at no charge to participants, with lunch and breaks provided.

Target Audience:

This conference is intended for Wisconsin laboratory professionals who wish to increase their knowledge of critical thinking that is necessary when using various rapid or automated organism identification methods. Bench technologists, as well as laboratory leadership are encouraged to attend.

Audience Participation:

We encourage audience participation during the conference. Please plan to share your experiences and best practices, participate in discussions, and ask questions in order to get the most value from the conference.

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Conference:**
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the Age of
Microwave Testing"***



**A WCLN Conference for
Wisconsin Laboratory
Professionals**

April 4, 2023

Hosted by:

**Wisconsin State Lab of Hygiene
Communicable Disease Division
2601 Agriculture Dr., P.O. Box 7904
Madison, WI 53718**

Program:

As organism identification has moved away from culture methods to more rapid automated molecular and other technologies, it sometimes can feel that microbiology is similar to putting food in a microwave, pushing a button, and getting out a hot cooked meal. We've all heard "lab testing is so easy a trained monkey can do it", or "organism identification doesn't require the expertise in microbiology and critical thinking that it once did".

In actuality, critical thinking skills and a strong microbiology foundation may be more important than ever. This conference will explore why critical thinking is an essential skill that must be utilized when using non-culture based technologies for organism identification. We will share case studies that demonstrate the pitfalls of some of the current technologies and help you determine when and why you should question the results you are getting. We will have a panel discussion encouraging audience participation on the best ways to teach and assess critical thinking skills.

Finally, we will conclude the day with the presentation of the 2023 Peter A. Shult award.

Faculty:

Heather Alvarez, MS, CLS(ASCP),
Laboratory Manager, Prairie Ridge Health,
Columbus

Jorn Bansberg, BS, MLS(ASCP)^{CM},
Microbiology Lead, Vernon Memorial Hospital,
Viroqua

Eric Beck, PhD, D(ABMM),
Clinical Laboratory Director of Microbiology, ACL
Laboratories, West Allis

Tim Block, BS, MLS(ASCP),
Laboratory Manager, Froedtert West Bend
Hospital, West Bend

Zachary Lunak, PhD, HTL, MLS(ASCP),
Clinical Associate Professor, Director
Undergraduate Lab Programs, Biomedical
Sciences Department, University of Wisconsin
Milwaukee

Faculty (cont.):

Erik Munson, PhD, D(ABMM),
Assistant Professor, College of Health Sciences,
Marquette University, Milwaukee

Thomas Novicki, PhD, D(ABMM), Clinical
Microbiologist, Marshfield Labs

Ray Podzorski, Ph.D., D(ABMM), Microbiology
Director, St. Mary's Hospital, Madison

Megan Selle, BS, MLS(ASCP)^{CM},
Microbiology Supervisor, ThedaCare, Neenah

Alana Sterkel, PhD, D(ABMM), SM(ASCP)^{CM},
Associate Director, Wisconsin State Laboratory of
Hygiene, Madison

Jahna Voigt, BS, MLS(ASCP)^{CM}, Microbiology
Lead, Marshfield Laboratories, Marshfield

Draft Agenda:

- 7:45 Check-in and Refreshments
- 8:10 Welcome and Introductions
- 8:20 The Importance of Critical Thinking in
Organism Identification Using Current
Technology
- 9:00 Critical Thinking with Vitek, Microscan and
Phoenix Automated Systems
- 10:00 Break
- 10:15 Critical Thinking with MALDI-TOF
Technology
- 11:15 Critical Thinking with Multitest Syndromic
Panels
- 12:00 Lunch
- 1:00 Critical Thinking with Rapid Waived and
Non-waived Molecular Tests
- 2:00 Break
- 2:15 Training and Assessing Critical Thinking
Skills
- 3:15 Peter A. Shult Award
- 3:25 Final Thoughts
- 3:30 Adjourn

Moderator:

Erin Bowles, BS, MLS(ASCP)
Clinical Laboratory Network Coordinator,
Wisconsin State Laboratory of Hygiene,
Madison

Registration Deadline:

March 24, 2023

Registration Information:

There is no fee for this conference, but pre-registration by close of business **March 24, 2023** is required. A reminder letter of registration for the conference will be sent via e-mail prior to the conference date.

To Register:

Register online:

<https://survey.alchemer.com/s3/7206774/4-4-23-WCLN-Conference>

- A confirmation of registration will be sent immediately via e-mail. Unfortunately, many laboratory security systems block the confirmation email.
- If you do not receive an immediate e-mail confirmation, please check your junk/blocked email. If you don't find your confirmation there, email erin.bowles@mail.slh.wisc.edu to ensure we received your registration.

