

Michigan Society of Histotechnologists 2019 Annual Scientific Symposium

Location

Comfort Inn & Suites and Conference Center
2424 South Mission Street
Mt Pleasant, Michigan 48858

Reservations: 989-772-4000. Rooms are limited!
Mention "MSH2019" to receive MSH Symposium group rate of \$129.

SPECIAL CASINO RATE!

Additional rooms available at Soaring Eagle Casino and Resort for \$149 with free shuttle to Comfort Inn!

Reservations: 877-232-4532 or online at <http://www.soaringeaglecasino.com>.
Code "MSH053119"

Questions: SpringSymposium@mihisto.org

FRIDAY MAY 31, 2019 7:00 PM - 9:00 PM

Enjoy an evening of cultural enrichment as members of the Saginaw Chippewa Indian Tribe provide traditional storytelling and dance. Participate (optional) in a dance performed by the Anishinabe performers. Proceeds from the \$10 donation go to the MSH Scholarship fund and offers you the chance to win a 50-50 raffle - must be present to win! Light appetizers and adult beverages will be served. This event earns the attendee one CEU in cultural diversity!

SATURDAY JUNE 1, 2019

Registration, Exhibit Preview & Continental Breakfast

8:00 AM - 9:00 AM

Workshops I

9:00 AM - 10:00 AM

#1 Bits and Pieces of Pathology

Ada Feldman, M.S., HT/HTL(ASCP)^{cm}
Anatech Ltd—Battle Creek, Michigan

The science of pathology has a diverse language of terms. This presentation will define terminology such as hyperplasia, metaplasia and dysplasia as well as the different terms used in cancer diagnosis (e.g., well differentiated adenocarcinoma). Examples of various pathologies and the terms used to identify them will be given for multiple organ systems. 1 CEU

#2 Basics in IHC

Leah Hartman, B.S.
MilliporeSigma—Rocklin, California

Let's take a step back and revisit the fundamentals of immunohistochemistry. This workshop will take a detailed look at the techniques involved in IHC and the different components that go into building an immunostain. We will start by understanding the process of tumor formation and then dive into the interaction between the tissue, antibodies and detection. This talk is designed for beginners in the field or for those who would like to brush up on their IHC knowledge. 1 CEU

Workshops II

10:45 AM - 11:45 AM

#3 Digitalization and Automation in Grossing Technology: Perspectives and Prospects

Izak Dimenstein, MD, PhD, HT(ASCP)
Grand Rapids, Michigan

While clinical pathology laboratories operate on an almost automatic basis, and histology laboratory tissue processing is automated, the automation of grossing technology is lagging. The goal is to use digitization for digitalizing the histology laboratory environment. The digitization of gross room operations is still a field for improvement despite the progress in the implementation of templates and speech recognition. This and the concept of a procedural approach to gross digital pathology at different stages of the diagnostic process, including the gross section close-up images directly corresponding to the microscope slide will be discussed. Automation in grossing is the most difficult area of implementation, options will be discussed in detail. 1 CEU

#4 Automated IHC/ISH Slide-Staining Systems: History, Functionality, Pitfalls and Cautions

Joseph D. (Joe) Myers, M.S., CT(ASCP)QIHC
Clearwater, Florida

This presentation is intended to provide an overview of the historical development of automated IHC/ISH slide-staining instruments, outline the mechanical functionalities, discuss potential pitfalls and provide a few cautionary notes. Participants will be provided with an overview of the technical capabilities and limitations of all commercially available systems, as well as the financial implications of operating such instruments. Special consideration will be given to the importance of conducting objective evaluations and gaining a 'healthy mistrust' of these instruments after implementation. Handout material, including comparison tables and a list of recommended reading will be provided. 1 CEU

SATURDAY JUNE 1, 2019

General Session I

11:45 AM - 12:45 PM

Time is Money

Douglas Runyon

StatLab Medical Products

Reimbursements are ever decreasing while costs are increasing. Laboratories should take the time, even if it is annually to do a cost analysis to ensure spending is under control. Just a little time could save some labs thousands of dollars. This could lead to extra time and money for labs to purchase items to improve quality and/or workflow. .5 CEU

Eugene Lipow

Nitro Biomedical

Equipment downtime is frustrating and interrupts workflow. This discussion includes the most basic understanding of how the rotary microtome operates and the basic concept of refrigeration in the cryostat. The emphasis of these two ideas with the provision of maintenance tips for operational reliability will allow for uninterrupted quality of sectioning in both desktop and refrigerated rotary microtomes. .5 CEU

Lunch/Annual Business Meeting & Exhibitor Fair

12:45 PM - 2:00 PM

General Session II

2:00 PM - 3:00 PM

Microscopic Interpretation of Immuno-Stained Slides in the Context of Initial Procedure Validation and Ongoing Quality Control

Joseph D. (Joe) Myers, M.S., CT(ASCP)QIHC

Clearwater, Florida

This workshop is intended to provide participants with an overview of how immuno-stained preparations should stain and why various staining patterns are observed. Understanding how protein-expression reactivity is employed within clinical/diagnostic and investigative/research pathology and why there's more to IHC than whether cells 'turn brown' will be outlined in detail. The seminar is presented by an individual trained as a cytotechnologist—where interpretation of cyto/histo-morphologic features of stained preparations is of paramount importance—and who possesses over 30 years of experience in IHC/ISH. 1 CEU

Exhibits & Break

3:00 PM - 3:30 PM

Workshops III

3:30 PM - 4:30 PM

#5 Gynecologic Pathology: The Impact of Immunohistochemistry and Molecular Pathology

Amy Lynn, MD

Promedica Toledo Hospital—Toledo, Ohio

Topics within this workshop will include the evolution of our approach to cervical neoplasms and the assistance of this evolution by immunohistochemistry. How BRCA testing has changed our understanding of ovarian carcinoma and the relationship of endometrial carcinoma and Lynch Syndrome will be discussed. 1 CEU

#6 Liver Biopsies in Histology

Sarah Britton, MS, HTL(ASCP)^{CM}

Beaumont Hospital—Royal Oak, Michigan

Medical liver biopsies frequently require more than just routine H&E staining to make a diagnosis. This presentation will discuss reasons why liver biopsies are performed. Time will be spent reviewing the commonly required stains on liver biopsies: PASH, Masson's Trichrome, Iron and Copper. A review of normal liver histology and changes seen in liver disease will be discussed. 1 CEU

Can't attend in person? Be a virtual attendee!

Presentations will be live streamed—so you can attend remotely! New, enhanced broadcasting equipment will make online learning easy. Simply indicate "I will attend online" when you register. Access codes will be emailed to participants 5 days prior to the meeting.

Cover photo: Mark Hutchins, University of Michigan 2005, "Van Gogh's Skin"; Mouse BCC

2019 Symposium Registration

Fees include workshop selections, all breaks, and lunch

Complete & mail this form **OR** Register online now at www.mihisto.org

Name: _____ Certifications: _____

Primary contact info Home Work

Street Address: _____

City: _____ Province/State: _____ Postal Code: _____

Email _____ Phone: _____

Work Facility: _____

Fees:

- PROFESSIONAL MEMBER (includes honorary)
Exclusive Member Early Bird Discount!
Before May 25 \$100.00
After May 25 \$140.00

RENEW 2019-2020 MEMBERSHIP \$25.00

NAACLS STUDENT MEMBER..... \$25.00

NON-MEMBER 150.00

NEW MEMBER—join now and pay member rates!
..... \$25.00

Friday Event \$10.00

Program Selections (check one for each session)

Workshops I 1 or 2

Workshops II 3 or 4

Workshops III 5 or 6

I will attend in person

I will attend online

Payment information (USD)

Make checks payable to: MICHIGAN SOCIETY OF HISTOTECHNOLOGISTS

Check Enclosed \$ _____

Awaiting funds (due on or before June 1).

Mail to: Rachel Fowler, MSH Registrar, 7141 Dorval Rd, Kalamazoo, MI 49009

Questions: SpringSymposium@mihisto.org

A microscopic image of tissue, likely stained with hematoxylin and eosin (H&E), showing cellular structures. A red overlay is applied to the image, highlighting specific areas. The red overlay is a semi-transparent red shape that covers the left side of the image, containing text. The text is white and reads: "MICHIGAN SOCIETY OF HISTOTECHNOLOGISTS", "SOARING TO NEW HEIGHTS", "JUNE 1, 2019", "COMFORT INN & SUITES CONFERENCE CENTER", and "Mt. Pleasant, Michigan".

MICHIGAN SOCIETY OF
HISTOTECHNOLOGISTS

SOARING TO
NEW HEIGHTS

JUNE 1, 2019

COMFORT INN & SUITES
CONFERENCE CENTER

Mt. Pleasant, Michigan

Michelle Martin
301 Lavender Street
Monroe, Michigan 48162

