

# Michigan Society of Histotechnologists 2018 Annual Scientific Symposium

Follow the Science and Gather at the Annual Scientific Symposium in Muskegon, Michigan. All signs point to the Holiday Inn Muskegon-Harbor, located near shopping and other attractions. Join us Friday evening for a fun sign-painting workshop before getting down to business on Saturday when the science begins! Don't miss the exhibits and be sure enter your name for the exhibitor raffles...must be present to win!

## Registration Info

Complete and mail the enclosed form or  
Register online at [mihisto.org](http://mihisto.org)  
Online payments are secure via PayPal.

**Early Bird Special!** Register on or before May 25<sup>th</sup>, save \$40.

**Student Members in NAACLS programs** receive reduced symposium fees.

**Awaiting Funds:** Register now and mark the "Awaiting Funds" box on the registration page. Payment due on or before June 2.

Questions: [meeting@mihisto.org](mailto:meeting@mihisto.org)

## Location

**Holiday Inn Muskegon-Harbor**  
939 Third Street  
Muskegon, Michigan 49440

MSH Group Rates: Double Queen Room (5 max per room) or King Rooms (3 max per room): **\$119.99**  
Group rates valid May 31<sup>st</sup>, 2018–June 3<sup>rd</sup>, 2018  
All reservations must be made on or before **May 15<sup>th</sup>, 2018** to receive group discount. Reservations made after this date will be subject to prevailing hotel rate and availability.

**Reservations:** 231-722-0100 x 3 - Ask for the Michigan Society of Histotechnologists group block.  
Online: [Holiday Inn Muskegon-Harbor](http://Holiday Inn Muskegon-Harbor) – Code: MSH

## FRIDAY JUNE 1, 2018 7:00 PM - 9:00 PM

Gather Friday evening to enjoy the camaraderie of friends you haven't seen in a while or meet some new friends! Create a "Gather" sign to decorate your own space. This workshop will be led by Jodi Koster, a local artisan and co-owner of the *Yankee Pedlar* located in Grand Haven, Michigan. Painting is involved, so dress appropriately. Light appetizers and adult beverages will be served. Must register by May 15 to reserve your spot. Fee: \$35.00

## SATURDAY JUNE 2, 2018

### Registration, Exhibit Preview & Continental Breakfast Workshops I

8:00 AM - 9:00 AM  
9:00 AM - 10:00 AM

#### #1 The Art of Embedding

**Julie Eusebio**

Leica Biosystems - Buffalo Grove, Illinois

Embedding is a critical step to obtaining good sectioning and making the proper diagnosis. The Art of Embedding offers three things to consider:

- Orientation of tissues according to types and sizes
- Troubleshooting, ability to identify inappropriate placement of tissue in molds
- Using proper media, most commonly used paraffin.

#### #2 The Name of the Stains

**Jean Mitchell, BS, HT (ASCP)**

Newcomer Supply - Middleton, Wisconsin

Harris, Gomori, Van Gieson and many others are common stains and names spoken daily by histologists in their every-day working laboratory environment. But what do we really know about the names and these people we talk about every day? I will explore a name, add a face and detail the history to "the name of the stains" that have been our friends for many years without proper introduction. Isn't it about time we really got to know them better.

### Exhibits & Break

10:00 AM - 10:45 AM

SATURDAY JUNE 2, 2018

Workshops II

10:45 AM - 12:15 PM

**#3 Grossing Technology for Clinical and Research Histology Laboratory**

**Izak Dimenstein, MD, PhD, HT(ASCP)**

Grand Rapids, Michigan

This workshop is a guide on grossing technique details, such as preservation, filtration, inking, sampling, and orientation for embedding. Embedding automation will be discussed. The grossing techniques of selected gynecological, gastroenterological, and urology specimens will be presented by using examples taken from the grossing table. Grossing diverse types of skin specimens (shave, punch, excision, and other) require special attention. Renal, muscle, and nerve biopsy grossing techniques will also be discussed. Participants will become more familiar with grossing so-called

'routine' specimens. Bone grossing is presented for summarization of the pre-analytical phase of specimen processing principles in histology laboratory.

**#4 Update on Digital Pathology**

**J. Mark Tuthill, MD**

Henry Ford Health System - Detroit, Michigan

Digital Pathology continues to be developed by vendors and deployed in health systems in support of patient care, education, and research. In 2017, the FDA, for the first time, approved a system for primary diagnosis. This session will address the current state of digital pathology using practical examples and recommendations for system selection and deployment.

Awards Lunch/Annual Business Meeting & Exhibitor Fair

12:15 PM - 1:30 PM

Workshops III

1:30 PM - 3:00 PM

**#5 Kidney Biopsies in Histology**

**Sarah Britton, MS, HTL(ASCP)<sup>CM</sup>**

Beaumont Hospital - Royal Oak, Michigan

Medical kidney biopsies are crucial to the diagnosis of disease in pathology. The diagnosis requires not just routine histology but Immunofluorescence and Electron Microscopy. This presentation will discuss triaging of kidney biopsies to ensure adequate material for each study. Time will be spent reviewing the commonly required stains on kidney biopsies: PASH, PASM, Masson Trichrome, DIF. A review of normal kidney histology and changes seen in kidney disease will be discussed.

**#6 PD-L1 and MMR biomarkers: An overview of their biology and utility in the pathology lab.**

**Julian Boggiano, PhD**

Roche Diagnostics Corporation - Tucson, Arizona

An overview of the tumor microenvironment and PD-L1 biology will be presented, followed by information on the PD-L1 testing landscape and assay interpretation. In addition, mismatch repair (MMR) testing in colorectal cancer (CRC) will be discussed along with some examples of IHC staining.

Exhibits & Break

3:00 PM - 3:30 PM

Workshops IV

3:30 PM - 4:30 PM

**#7 Help! I need some antibody, Help! Not just any antibody...**

**Rachel Workman, MS, HTL(ASCP)**

Mercy Health St. Mary's - Grand Rapids, Michigan

Learn to validate single and dual antibody stains for your laboratory and compliance with CAP. Where do I start? What controls or tissues do I use? How many slides are required? How do I pick a protocol to use?

**#8 BxChip<sup>TM</sup>**

**Alysia Styck, HT(ASCP)<sup>CM</sup>**

Lumea - Orem, Utah

Goodbye with the old, in with the new. Improve patient care, with a new approach to processing prostate core biopsies. In this presentation, we will discuss prostate biopsies through current histology techniques comparatively to a new system, BxChip<sup>TM</sup>. BxChip<sup>TM</sup> is a tissue array designed to hold six needle core biopsies; resulting in higher quality slides for your pathologist, less waste, and more savings for your histology department.

# Symposium Registration

Fees include workshop selections, all breaks, and lunch.

Complete & mail the form below **OR** Register online at [www.mihisto.org](http://www.mihisto.org)

Name: \_\_\_\_\_ Certifications: \_\_\_\_\_

Email (required for mihisto.org member account log-in) \_\_\_\_\_

Phone: \_\_\_\_\_  Home  Cell  Work

## Primary Mailing Address

Home  Work

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ Province/State: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

Work Facility: \_\_\_\_\_

## Membership Status

- Current MSH Member (includes honorary)
- New member - I would like to join today (\$25.00)
- Student Member
- Non-Member - I don't wish to join

## Registration Fees:

- Member  
*Exclusive Member Early Bird Discount!*  
Before May 25 ..... \$100.00  
After May 25 ..... \$140.00
- Renew 2018-2019 membership ..... \$25.00
- NAACLS Student Member ..... \$25.00
- Non-Member ..... \$150.00
- Friday Night Activity ..... \$35.00

## Program Selections (select one for each session)

Workshops I  1 or  2

Workshops II  3 or  4

Workshops III  5 or  6

Workshops IV  7 or  8

Lunch (included in registration)  Will Attend  Will Not Attend

## Payment information (US Funds)

Awaiting Funds

Check Enclosed

Total: \$ \_\_\_\_\_

Make checks payable to: MICHIGAN SOCIETY OF HISTOTECHNOLOGISTS

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



Michelle Martin  
301 Lavender Street  
Monroe, Michigan 48162

*MSH Annual Scientific Symposium  
June 2, 2018*

**The place to be!**

**Holiday Inn  
Muskegon-Harbor**



*Follow the Science*