

# MICHIGAN SOCIETY of HISTOTECHNOLOGISTS

## ANNUAL SCIENTIFIC MEETING

**May 15 & 16, 2009**

**Radisson Hotel & Conference Center**

**Livonia, MI**

*“Your Island of Knowledge”*



***Celebrating our 36<sup>th</sup> Anniversary***

*View the program and register online at  
[www.mihisto.org](http://www.mihisto.org)*

Michigan Society of Histotechnologists  
Rachel Fowler, Registrar  
3079 Hickory Nut Lane  
Kalamazoo, MI 49004

*Celebrating our 36<sup>th</sup> Anniversary*



# MSH MEMBERSHIP REGISTRATION FORM 7/1/09-6/30/10

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

Certification(s): \_\_\_\_\_

## Home Address

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

City: \_\_\_\_\_

State/Province: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Home telephone: \_\_\_\_\_

Home fax: \_\_\_\_\_

Home email: \_\_\_\_\_

## Work Address

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

Department: \_\_\_\_\_

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

City: \_\_\_\_\_

State/Province: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Work telephone: \_\_\_\_\_

Work fax: \_\_\_\_\_

Work email: \_\_\_\_\_

May we include you in our Members' Directory?

Yes \_\_\_\_\_ No \_\_\_\_\_

## Questions?

### Registration / Payment

Rachel Fowler  
269.598.6228  
[rachel.fowler@charter.net](mailto:rachel.fowler@charter.net)

### Program

Paula Bober  
586.435.5840  
[p\\_bober@comcast.net](mailto:p_bober@comcast.net)

### Vendors / Exhibits

Sandra Wilkins  
586.435.5840  
[wilkinss@michiganurology.com](mailto:wilkinss@michiganurology.com)

## Welcome.....

The Michigan Society of Histotechnologists invites you to our 36<sup>th</sup> Annual Scientific Meeting. This year, as always, we have many interesting topics to choose from, presented by many histotechnologists from our own Michigan society along with pathologists from local hospitals.

Thomas Haas, D.O., who has presented workshops at many state and national meetings on numerous topics, will be joining us from Janesville, Wisconsin. Dr. Haas is the Chair of Pathology at Mercy Health Systems in Janesville, President-elect of the Wisconsin Society of Pathologists, member of the Wisconsin delegation to the CAP House of Representatives, on the joint CAP/NSH Histotechnology Committee, and is a pathology consultant for Newcomer Histology Supply in Middleton, Wisconsin. We are excited to have with us this year, presenting a tissue identification workshop and our General Session.

We are also offering information on good laboratory practice (GLP) regulations, Mohs surgery, job seeking, basic special staining, cytogenetics, and more.

Looking for a new piece of equipment or a new stain for your lab? Be sure to stop and see the vendors during their exhibit hours on Friday and Saturday.

Make time to visit this year's educational exhibits. These are MSH member-created poster or computer-based presentations displayed in the exhibit hall that will be judged for winning content and design.

And for a little fun, come to our Luau Banquet on Friday evening. Learn to hula, join in on the limbo contest, and just relax after a long day of learning! We hope to see you there!

## Meeting Location & Accommodations

**Radisson Hotel and Conference Center- Livonia**  
17123 North Laurel Park Drive  
Livonia, MI 48152  
(734) 464-1300  
[www.radisson.com](http://www.radisson.com)

**SINGLE OR DOUBLE ROOMS: \$99.00** (Convention rate)

Reservations must be made prior to May 1, 2009. Mention the MSH to qualify for the convention rate.

Directions to hotel:

I-275 to exit 170 (6 Mile Road East); left at North Laurel Park Drive.

## General Information

- ❖ If you are awaiting funds please register **NOW!!** Simply mark the **AWAITING FUNDS** box on the registration form. Full payment is due by May 8, 2009.
- ❖ **Online registration with payment via PayPal is available. Go to [www.mihisto.org](http://www.mihisto.org) and click on "Register Now" under the News and Events section.**
- ❖ Confirmation notices will NOT be mailed. You will be notified if there are any questions concerning your registration.
- ❖ Registration fees include membership dues for the upcoming year (July 1, 2009 through June 30, 2010). If you are a current member, Member rates apply, otherwise Non-Member rates apply. We will no longer accept dues for 2008/2009 this late in the year.

## Friday, May 15, 2009

11:00 AM - 12:00 PM **REGISTRATION & EXHIBITS**

12:00 PM - 2:00 PM **AFTERNOON WORKSHOPS I**  
(Choose one from below)

**Workshop #1 Tissue Identification for the Histotechnologist**  
*Thomas Haas, D.O.*  
*Mercy Health Systems, Janesville, WI*

This workshop will concentrate on the histology of various tissues, organs, and organ systems in the human body, with an emphasis on normal tissue appearance on the H & E stain, and on various additional "special" stains (both immunohistochemical and non-immunohistochemical) commonly used in the average histopathology laboratory. The emphasis will be on tissue identification under the microscope. Both gross and histologic pictures will be presented.

**Workshop #2 Artifacts in Histology**  
*Scot Marsh, HT(ASCP)QIHC*  
*Kathy Smieszny, BS, HT/HTL(ASCP)QIHC*  
*Leica Microsystems Inc., Bannockburn, IL*

This workshop will talk about artifacts that are produced in tissue even before fixation and take participants through all the areas of histology where specimens could become damaged. During this workshop we will utilize the latest Education Series from Leica Microsystems as a reference tool that will be provided to the participants during the workshop. **Maximum number of participants: 25.**

2:00 PM - 2:30 PM **BREAK & EXHIBITS**

2:30 PM - 4:30 PM **AFTERNOON WORKSHOPS II**  
(Choose one from below)

**Workshop #3 Pre-clinical Histopathology in a Regulated Research Environment: Fundamentals and Strategies for Success in Good Laboratory Practice**  
*Bradley A. Ritter, BS, RQAP-GLP*  
*Carrie L. Schray, MA, HT(ASCP)<sup>CM</sup>*  
*Borgess Research Institute, Portage, MI*

The United States Food & Drug Administration regulates pre-clinical research for drugs and devices intended to treat human conditions. These regulations may seem intimidating at first, but the right approach can make all the difference. This workshop will take a closer look at what good laboratory practice (GLP) regulations are, how they are applied and the necessary tools for achieving and maintaining compliance in a histopathology laboratory.

**Workshop #4 Utility of Immunohistochemistry in Lesions of Breast and Prostate**  
*Mitval Amin, M.D.*  
*William Beaumont Hospital, Royal Oak, MI*

Prostate carcinoma in men and breast carcinoma in women are two of the most common cancers diagnosed in the United States. We will discuss normal anatomy and histology of the breast and prostate gland, selective benign diseases, malignant lesions and the role of immunohistochemistry in the diagnosis of some of these lesions. Diagnosing minimal carcinoma on needle biopsies can be challenging and frequently requires use of immunohistochemical markers to facilitate this process, especially to differentiate these foci of minimal cancers from its benign mimics. A common example is the absence of staining with basal cell markers such as p63 and cytokeratin 903 in foci of prostatic carcinoma. Similarly foci of breast carcinoma also lack basal cell layer and show absence of staining with p63 and smooth muscle myosin. Breast carcinomas routinely need receptor studies that provide critical information regarding further treatment and possible prognosis. Another instance where immunohistochemistry plays a significant role is in determining the site of primary tumor when dealing with a biopsy of a metastatic carcinoma from an unknown primary. Different panels of markers may be utilized to help arrive at a conclusion. Immunohistochemistry is an integral and invaluable component of present day histopathology laboratories, requiring technical expertise in test performance and interpretation.

6:00 PM - 9:00 PM **Luau Banquet – Dinner & Dancing**  
*Come learn the hula and join the limbo contest!*

9:00 PM -? **HOSPITALITY SUITE**  
*Provided by STAT Lab*

## Saturday, May 16, 2009

7:30 AM - 8:30 AM **CONTINENTAL BREAKFAST, REGISTRATION & EXHIBITS**

8:30 AM - 10:30 AM **MORNING WORKSHOPS**  
(Choose one from below)

**Workshop #5 Job Seeking and Interviewing**  
*Peggy A. Wenk, BA, BS, HTL(ASCP)SLS*  
*William Beaumont Hospital, Royal Oak, MI*

Are you a histotech, looking for a better position? Are you a graduate of a histotech training program, looking for your first histology job? Are you a supervisor, trying to find the best applicant for your open position? This talk will address: the steps needed to fill a position (why does it take so long?); wording in want ads; information needed on application forms; different types of resumes as well as their advantages and disadvantages; CV (curriculum vitae); cover letter; interview questions (good, bad, and illegal); interview portfolio; networking.

**Workshop #6 Codependency Can Be Good: The Mohs Surgeon and Histotechnologist Achieving Perfection**  
*Kent J. Krach, M.D., FAAD, FACMS*  
*Midwest Skin Cancer Surgery Center, Clinton Twp., MI*

Briefly reviewing of the microscopic anatomy and function of the skin, we will expand on the epidemiology of the most common of all human cancers, basal cell and squamous cell carcinoma of the skin. We will discuss treatment options for skin cancer, concentrating on the gold standard treatment of Mohs micrographic surgery. This discussion will center on various frozen section tissue processing techniques, and how these differ from the Mohs technique. The talk will highlight the close interaction between the Mohs surgeon and the Mohs histotechnologist, and how this working relationship allows for cure rates ten times higher than other treatment options. Mohs surgery, while technically complex, conserves normal tissue allowing for optimal cosmetic outcomes with 99% cure rates. After reviewing the Mohs process step by step the discussion will cap off with clinical case studies and outcomes demonstrating the power of this technique.

**Workshop #7 Basic Special Staining**  
*Josh Fink, HTL(ASCP)*  
*William Beaumont Hospital, Royal Oak, MI*  
*Diana Miller*  
*Capital Area Career Center, Lansing, MI*  
*Katrina Newell, HT(ASCP)*  
*Crittenton Hospital, Rochester, MI*

This workshop will introduce many special stains used in today's histology labs. The theory behind the stains, steps to each procedure, troubleshooting and end results will be discussed. This is an ideal workshop for newer techs in the field and seasoned veterans who are looking for a refresher.

10:30 AM - 11:00 AM **BREAK & EXHIBITS**

11:00 AM - 1:00 PM **GENERAL SESSION**  
*(Included with registration)*

**Great Cases from Small Places**  
*Thomas Haas, D.O.*  
*Mercy Health Systems, Janesville, WI*

In many hospitals, there is no communication or connection between the work done by histotechnologists, the interpretations and recommendations by pathologists, and the final diagnosis and treatment of the patient by clinicians. Oftentimes, the histotechnologist is not encouraged to attend "Tumor Boards" or other peer-review situations involving patient care. This can be frustrating to those involved in the "behind the scenes" work of the laboratory, and tends to squelch understanding, interest, and learning on the part of the histotechnologist, when no feedback or integration of "why" certain stains and investigative laboratory techniques were ordered. This seminar will explore a number of different pathologic cases and their final diagnoses, beginning with patient information, progressing through the reasoning behind the ordering of special stains, immunohistochemistry, flow cytometry and other pertinent laboratory methods.

***Thank you to all of our exhibitors and sponsors for your continued support.***

**Saturday continued...**

**1:00 PM - 2:30 PM**

**AWARDS LUNCHEON and ANNUAL BUSINESS MEETING**  
(Included with registration)

This is an opportunity for MSH members to enjoy lunch together, get an update on what is occurring in the society, and recognize those that are receiving awards.

**2:30 PM - 4:30 PM**

**AFTERNOON WORKSHOPS**  
(Choose one from below)

**Workshop #8 Automation in Histology: Past, Present, & Future**  
*Theresa M. Ford, Director of Marketing*  
*Sakura Finetek USA, Inc.*

The histology department in a clinical laboratory has always been the last on the list – the last to be automated and the last to be recognized and awarded funding for automation. In 2009 with the most recent trend toward personalized medicine bringing the focus on histology as the discipline with the key to appropriate and individualized therapy, where is the money?, where is the support?, what is available?

**Workshop #9 Cytogenetics One on One**  
*Rima T. Aljundi, M.D.*  
*Michigan Institute of Urology, St. Clair Shores, MI*

The first half of this workshop will focus on the basic terminology of cytogenetics and the techniques used in the cytogenetic laboratory. The second half will discuss the different applications and tests used in the genetic laboratory with emphasis on how these are used in the histology laboratory today, and their similarity to immunohistochemical stains.

**Workshop #10 Excellence in Diagnosis for Ovarian Cancer**  
*Rahima Spanta, M.D.*  
*South Shore Oakwood Hospital, Trenton, MI*

In this workshop you will learn about ovarian cancer, the role of immunohistochemistry for diagnosis and correlation with the H&E stain. We will discuss the most common type of ovarian cancer, supplemented with gross and microscopic pictures. The emphasis will be on the importance of a good section for diagnosis.

**Educational Exhibits**

MSH will again display educational exhibits this year. These are poster or computer-based presentations that feature histology-related information for attendees to experience. They will be located in the exhibit hall and will be on display during vendor exhibit hours. A committee will evaluate the presentations based on content, design, and originality, and ribbons will be awarded to winning presentations.

**Vendor Exhibits and Educational Exhibit Hours**

*Friday, May 15, 2009 11:00 AM – 5:30 PM*  
*Saturday, May 16, 2009 7:30 AM – 11:00 AM*

**2009 SCIENTIFIC MEETING  
REGISTRATION FORM**

**Instructions:** Fill out both sides of this page. Submit it to the Registrar at the address below with payment (or check the Awaiting Funds box below). A late fee of \$20 should be added if your registration is received after May 8. Call the hotel to reserve a room if you plan to stay the night. **Students** pay half registration and receive complimentary program fees. **Faculty, officers and chairpersons** receive full complimentary registration (including program fees). If you are any of these, indicate which sessions you plan to attend and check here.

NAME \_\_\_\_\_

**MEMBERSHIP DUES RENEWAL ONLY** \$20.00   
(fill out other side of page)

**REGISTRATION FEE** (non-refundable)  
Current member \$50.00   
Non-member \$70.00   
Student \$25.00   
Coordinator's signature \_\_\_\_\_

**PROGRAM SELECTIONS**

**Friday, 12:00-2:00 pm**  
Workshops ..... \$40.00 \$ \_\_\_\_\_  
Choose one:  1  2 (25 registrant limit)

**Friday, 2:30-4:30 pm**  
Workshops ..... \$40.00 \$ \_\_\_\_\_  
Choose one:  3  4

**Saturday, 8:30-10:30 am**  
Workshops ..... \$40.00 \$ \_\_\_\_\_  
Choose one:  5  6  7

**General Session:** included with registration Will attend

**Awards Luncheon:** included with registration Will attend   
Dietary restrictions: List: \_\_\_\_\_

**Saturday, 2:30-4:30 pm**  
Workshops ..... \$40.00 \$ \_\_\_\_\_  
Choose one:  8  9  10  
Workshop Total \$ \_\_\_\_\_

**SPECIAL EVENT**

Friday Evening Luau Banquet ..... \$10.00 per person \$ \_\_\_\_\_

**TOTAL FEES**

Registration fee ..... \$ \_\_\_\_\_  
Workshop fees ..... \$ \_\_\_\_\_  
Friday Evening Luau ..... \$ \_\_\_\_\_  
\*LATE FEE (\$20.00, if received after May 8, 2009) ..... \$ \_\_\_\_\_  
**Total fees** ..... \$ \_\_\_\_\_

Awaiting funds (total payment due May 8, 2009)

**Send registration & payment to:**  
Rachel Fowler, MSH Registrar  
3079 Hickory Nut Lane  
Kalamazoo, MI 49004  
269.598.6228  
rachel.fowler@charter.net

**Make checks payable to:**  
Michigan Society of  
Histotechnologists

Online registration also available at [www.mihisto.org](http://www.mihisto.org)