

Wisconsin and Illinois Society for Histotechnologists

2024 Annual Symposium

MAY 10-11



illinoishistology2017@gmail.com

www.illinoishistologysociety.org

Welcome! The Wisconsin and Illinois Society for Histotechnologists invites you to experience and celebrate the First Bi-State WE/ IL 2024 Spring Symposium and Vendor Show on May 9 - 11 at the Holiday Inn and Suites in Elgin, IL.

A few new events and workshops:

- Paint and Wine Histo Style – Thursday night 6-8 pm ALL WELCOME
<https://paintthetown.com/shop/painting-and-wine-histo-style/>
Register online by Deadline May 6, 2024
 - Joint Commission general session
 - CAP general session.
 - Kahoot! Histology Jeopardy – online/virtual/general session – up to 100 players
Game code TBA in May
- [T-shirts etc. order online. https://histologystuff.etsy.com/](https://histologystuff.etsy.com/)
- And more.... We are offering 2 days of CEU-approved lectures on a variety of topics.

Register for 1 day \$100 or 2 Days \$150

– with membership included

Ask About our 50% Discounts for students enrolled in a histology school/training program

The Holiday Inn Elgin Hotel & Suites Chicago Northwest

<https://www.holidayinn.com/redirect?path=rates&brandCode=HI&localeCode=en®ionCode=1&hotelCode=CHIEL&checkInDate=09&checkInMonthYear=042024&checkOutDate=11&checkOutMonthYear=042024&PMID=99801505&GPC=ISH&cn=no&viewfullsite=true>

Reserve your room by clicking on the above link or calling by April 25, 2024.

The group rate is \$115 or \$125 +tax

Reserve by calling: 1-847-488-9000

Group Code: ISH

mention our group: Illinois Society for Histotechnologists block

The Holiday Inn Elgin Hotel & Suites Chicago Northwest caters to business and leisure travelers with deluxe amenities and services; including complimentary Wi-Fi, HDTVs, and mini fridges in all guest rooms. We offer several dining options featuring Bennigan's Irish Restaurant and Pub, breakfast in Crystals and room service.

WI / IL Spring Symposium

2024 Educational Program

Friday AM

7:00-8:00			Registration - <i>Coffee/beverage/snacks provides</i>	
8:00 - 8:15	GB		PRESIDENT'S WELCOME	JULIE TREJO
8:15-9:15	GB L-1	1 hr	Understanding Ethics Guidelines	Donna G. Chuddley, AAS, BS, CLA, HT(ASCP)QLS
9:15-10:15	GB L-2	1 hr	"A Coroner's Perspective: Forensic Pathology with a Focus on Histology"	Jacquie Purcell - Coroner

VENDOR BREAK 10:15-11:00

11:00 - 12:00	GB L-3	1 hr	The Joint Commission's Laboratory Accreditation Program	Sharon Hibbe, MPH
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Awards Luncheon 12:00-1:00

Friday PM

Afternoon Workshops 1:00-4:45 pm

Break with vendors 3:00-3:45

1:00 - 2:30	C 1A	2	Have HTL, Will Travel	Stacey Geskermann
3:00 - 4:30	C 1B	2	What could <i>possibly</i> go wrong?	Dr. Stephen Ruby
1:00 - 2:30	SV 2A	2	The Crucial Role of Histotechnologists in Dermatopathology in Complex Skin Specimens **WET WORKSHOP**	Dr. Vida Ehyae
3:00 - 4:30	SV 2B	2	If I Only had a Brain	Donna G. Chuddley and Deloris Carter HT(ASCP)
1:00 - 2:30	GB #3	3	From Biopsy/Necropsy to Diagnosis - Invaluable Special and IHC Stains	Dr. Maggie Highland
3:00 - 4:30				

Wine and Cheese Reception and Vendor Auction!!!

Friday 5-7 pm

Suppliers of Histology products will show the latest in instrumentation and supplies. Exhibits will be open on Friday and Saturday during morning & afternoon breaks. Attendees can collect vendor bucks while visiting the exhibits on Thursday. This “vendor money” can be used to bid on fantastic gifts on Friday from 5-7pm at the annual Vendor Auction/ Wine & Cheese reception. Also, take a moment to thank our suppliers for their support. Without them we could not provide these educational opportunities.

Saturday AM

7:00-8:00

Registration - *Coffee/beverage/snacks provides*

8:00-9:00	GB L-4	1 hr	Yoga	Maureen Doran
9:15 - 10:15	GB L-5	1 hr	Histology Jeopardy - Kahootz	Ray Ortiz

Last VENDOR BREAK 10:15-11:00

11:00 - 12:00	GB L-6	1 hr	“CAP Quality Solutions, Why the CAP is the Best Choice”	CAP - Earle "Smitty" Collum MD FCAP
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Lunch 12:00 - 1:00 pm

Saturday PM

Afternoon Workshops 1:00 - 4:30

Break from 2:45 - 3:00 pm

1:00 - 2:30	GB #4	3	Conquer the Chemical Hazards in Histology	Maureen Doran
3:00 - 4:30				
1:00 - 2:30	SV #5	3	"Hunting the Big Four - The Diagnosis of Breast, Lung, Prostate and Colon Carcinoma"	Dr. Thomas Hass
3:00 - 4:30				
1:00 - 2:30	C #6		Leadership - If you Want to Change the Lab	Sharon Lang
3:00 - 4:30				

LECTURE ABSTRACTS

GB L-1 1 hr Understanding Ethics Guidelines

Donna G. Chuddley, AAS, BS,
CLA, HT(ASCP)QLS

For this hour we will look at what professionalism and medical ethics mean in the histology lab in both preclinical and clinical settings. Patient and animal safety will be discussed as far as the regulations of HIPAA, 21 CFR, IACUC and IRB. We will look to some examples of conflict of interest and discuss behaviors; professional vs. unprofessional as well as microaggressions.

GB L-2 1 hr "A Coroner's Perspective: Forensic Pathology with a Focus on Histology"

Jacque Purcell, Coroner and
Dr. Kristin Escobar Alvarenga,
Forensic Pathologist

Forensic Pathology is an ever-advancing science made up of a multitude of disciplines. This presentation will focus on the discipline of histology. We will delve into a discussion about the science of death investigations throughout the United States, and will examine the differences between a Coroner and a Medical Examiner system. We will discuss the challenges created by the lack of death investigation standards from state-to-state as well as from county-to-county. The presentation will include a variety of death investigations grouped by the manners of death: natural, accident, suicide, homicide and undetermined. There will be a specific focus on case studies of deaths that include histological studies. We will also have a discussion regarding the challenges of using histology in smaller, more rural counties with limited resources. Finally, we will discuss the future of histology at the coroner's office level and 'the dream scenario' of making changes for the better.

GB L-3 1 hr The Joint Commission's Laboratory Accreditation Program

Sharon Hibbe, MPH

Learn about The Joint Commission's laboratory accreditation program and how we are different from other accrediting agencies. Hear about our patient centric approach to the accreditation process and learn about tools and resources to support continuous survey readiness.

C 1A 1.5 Have HTL, Will Travel

Stacey Geskermann

Learn the truth about working as a travel histotech. Is it all instagram travel worthy photos and amazing paychecks? Discover the tricks to finding housing and how your permanent residence affects your taxes. Discuss the pros and cons of the travel life and if traveling is right for you.

C 1B 1.5 What could *possibly* go wrong?

Dr. Stephen Ruby

In this participatory presentation, Dr. Ruby will illuminate the reason why optimal procedures and accurate SOP's are essential for high-quality laboratories. He will demonstrate how to identify weaknesses in procedures and demonstrate creative ways of helping procedure authors identify and correct high-risk steps and improve patient safety

SV 2A 1.5 The Crucial Role of Histotechnologists in
Dermatopathology in Complex Skin Specimens

Dr. Vida Ehyae ****WET
WORKSHOP****

This presentation emphasizes the pivotal role of histotechnologists in dermatopathology, focusing on their influence in diagnosing complex skin conditions. We explore the meticulous techniques required, including the correct orientation of alopecia specimens and bisected tips in excisions to ensure diagnostic accuracy. The essential precision in Mohs surgery specimen orientation for identifying residual cancer at margins is highlighted, underlining the histotechnologist's impact on surgical outcomes. The talk also addresses sectioning techniques in acral nevi, emphasizing the need for perpendicular cuts to dermatoglyphs for precise diagnoses. We delve into the use of special stains, such as Von Kossa for calcium detection in calciphylaxis, and how environmental factors like brightness can affect outcomes. Additionally, the discussion extends to handling rare specimens like the eye and innovative approaches in histology. Participants will engage in hands-on exercises, practicing biopsy and excision techniques on fruit models using dermatology biopsy tools (punch and shave biopsy blades) and exploring grossing and inking methods, enriching their expertise in dermatopathology's evolving landscape.

SV 2B 1.5 If I Only had a Brain

Donna G. Chuddley and Deloris
Carter HT(ASCP)

We hear about stars or family members receiving a diagnosis of dementia or a story about a legendary football hero having Traumatic Brain injury. Many of us participated in the "ice bucket challenge" to help fight ALS. This presentation will provide a basic overview on these subjects. The discussion will start off with slides of the anatomy of the brain, CNS and PNS, both macroscopically and microscopically. Photos of the structures with various special stains and immunohistochemistry used in preparation for the HT and HTL will be demonstrated. Finally pathological diseases will be discussed for a better understanding of what happens when the systems fail.

GB #3 3 From Biopsy/Necrospy to Diagnosis - Invaluable Special
and IHC Stains

Dr. Maggie Highland

This presentation will provide participants examples of biopsy and necropsy cases that require and/or benefit from subsequent staining techniques (special stains or immunohistochemical stains) in order to make accurate diagnoses. The goal is to illustrate the value of both special stain and immunohistochemical stain techniques in assisting the anatomic pathologist with case evaluation and diagnosis. An overview on assessing validity of tissue section stains by light microscopy and specific uses of stains will be covered. In addition, this presentation will provide an overview of transmissible spongiform encephalopathies that impact both animals (e.g. chronic wasting disease, scrapie, bovine spongiform encephalopathy) and humans (e.g. Creutzfeldt-Jakob disease, Kuru), and the importance of immunohistochemistry in surveillance and diagnosis of these diseases in animals.

GB L-4 1 hr Yoga

Maureen Doran

Working in the histology laboratory can be both physically and mentally challenging. Sitting and/or standing for extended lengths of time can cause strains and imbalances in the musculoskeletal system and repetitive motion tasks are taxing on the joints. These challenges coupled with the increased demands on our time can lead to stress. We can't always do much to avoid this, but we can add a little yoga to our daily routines that will help keep our joints and limbs nimble, and avoid excess tension and stiffness at work. Practicing yoga postures has shown to increase circulation, strength, and flexibility and relieve tension. Yoga is different from conventional stretching in that it incorporates breath, static contraction, focus, and concentration with postures that stretch and strengthen the body. In this workshop we discuss how to incorporate yoga stretches in the workplace. We will learn which yoga poses can target specific areas and develop mini yoga routines to meet our needs.

GB L-5 1 hr Histology Jeopardy - Kahootz

Ray Ortiz

Challenge your knowledge of Histotechnology by answering questions on Tissue Processing, Special Stains, Hematoxylin and Eosin, Immunohistochemistry, Molecular Pathology, and Embedding..to name a few subjects. Come and demonstrate your knowledge and you can tell other members that "I WON AT HISTOLOGY JEOPARDY!"

GB L-6 1 hr CAP Quality Solutions, Why the CAP is the Best Choice

CAP - Earle "Smitty" Collum MD
FCAP

The College of American Pathologists (CAP) is the largest organization of board-certified pathologists in the USA. The CAP Laboratory Accreditation Program (LAP) - built on more than a half-century of experience, has been the champion of laboratory excellence. We are recognized as the global leader in improving the quality of services using established performance standards. Our members' mastery of pathology and laboratory medicine supplies the leading-edge science and technology in the checklists, benefitting the clinicians and patients who rely so heavily upon accurate laboratory testing. Through the input of our pathologist members and laboratory professionals around the world, we update our program regularly to reflect the current changes on the front lines of laboratory medicine and technology, as well as the regulatory landscape. When a crisis does emerge, we quickly draw upon our vast expertise to provide the guidance and clarity needed to navigate through the crisis. The CAP Proficiency Testing Program (PT) offers the broadest and deepest menu of analytes and panels for laboratories to test unknown samples and then compare their results with peers as an indicator of quality performance. Taken together, the LAP and PT comprise the CAP Laboratory Quality Solutions. These programs are the Gold Standard for pathology and laboratory medicine throughout the world.

GB #4 3 Conquer the Chemical Hazards in Histology

Maureen Doran

This workshop is designed to assist the participants in identifying chemical hazards in the workplace. There will be a review of information provided by the SDS's along with other resources for technical information. A review of hazard assessment and the routes of exposure will be discussed. The presentation will include discussion of how to adapt exposure controls for your facility and guidelines for appropriate selection of PPE. Case histories of occupational exposures will be used to emphasize the relevance and importance of safety procedures. OSHA guidelines and standards will be referenced. Emphasis will be placed on improving standard operational procedures to provide employees with a safer work environment

SV #5 3 "Hunting the Big Four - The Diagnosis of Breast, Lung,
Prostate and Colon Carcinoma"

Dr. Thomas Hass

"Despite years of research, advances in treatment and technology, and a decline in death rates, cancer in general continues to be one of the leading causes of death in the United States and worldwide. In the United States, the "Big Four" of cancer occurrences and death are lung, breast, colon, and prostate carcinomas. This presentation will deal with cancer statistics and will present and go into detail on the pathogenesis, gross pathology, and microscopic anatomy of each of these four main groups. Included will be the usage of special stain methods (immunohistochemistry and other stains) in the identification of these four major cancer groupings, and brief discussions of staging of the patient. A final section will be devoted to "Cancers of Unknown Primaries (CUP)" and their workup in the pathology laboratory."

C #6

Leadership_If you Want to Change the Lab

Sharon Lang

Leadership is the glue that enables the team to cooperate, persist through challenges, and execute the lab's mission. Using and developing core values through communication we can ensure success as a leader and bring leadership out of your employees.

Please register by Monday, May 5, 2020 to avoid \$30 late fee

You may register at <http://illinoishistologysociety.org/>

OR

Complete the registration form on the next page for individual participation and return with check payable to:

Illinois Society for Histotechnologists

c/o Maureen Doran

304 Nth 15th st

Murphysboro, IL 62966

Questions? Contact Maureen Doran:

618-713-3151

2024 WI / IL Spring Symposium for Histotechnologists Registration Form

Registration fee (non-ISH members)

\$30 Registration fee (non-ISH members)

\$30 Late registration Fee if after May 2

2024 WI/IL Spring Symposium Attendee Registration

\$100 One Full Day

\$150

Two Full Day - *membership included - specify state*

Wisconsin

Illinois

Lunch ticket for half-day attendees or guests

\$15

Fri

\$15

Sat

**** Lunch is provided for all-day attendees***

TOTAL\$ _____

Attendee Name:

Institution:

Work Address:

Work Phone:

Home/Cell Phone:

Home Address:

E-mail Address: