Georgia Society for Histotechnology Symposium
April 12 – 14, 2013
Oceanside Inn and Suites
Jekyll Island, GA

The Wave of the Future

Key Speakers and topics:
Vinnie Della Speranza - Advanced Breast Pathology
Jeff Gordon – Cancer in Hollywood
Lamar Jones/William DeSalvo – Quality Management
Wanda Jones – Microtomy
Ely Klar – Histological tissue identification
Robert Lott – HT Certification Readiness
Tom Peters – “leadership Pickles”
Jack Ratliff – Laser Microtomy

40th Anniversary Celebration

Representatives from leading manufacturers will be demonstrating and explaining the newest technology/equipment of our field.

Families can enjoy a beachfront pool, hot tub, and children’s playground.

Local attractions include: the Georgia Sea Turtle Center, Millionaire Village, the Fishing Pier, and beautiful beaches.

**Friday April 12, 2013**

8:00-5:00  WS #1: HT (ASCP) Certification Readiness Workshop  
           -Robert Lott, HTL (ASCP)

1:30-5:00  WS#2: Laser Microtomy: The Future of Soft and Hard Tissue Histology  
           -Jack Ratliff, B.A

**Vendor Reception 7:00–9:00**

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**Saturday April 13, 2013**

8:30-12  WS#3: Quality Management Process in Histology.  
        -Lamar Jones, BS, HT (ASCP)  
        -William DeSalvo, BS, HTL (ASCP)

1:30-5:00  WS#5: Breast Cancer Overview: A Discussion of the Epidemiology, Diagnosis, and Technical Challenges of Breast Tissue Workups in the Histology Laboratory  
           -Vinnie Della Speranza, MS, HTL (ASCP), MT

**Awards Luncheon 12:00–1:30**

8:30-12:00  WS#4: Microtomy: What is Beneath the Sections?  
           -Wanda Grace– Jones, HT (ASCP)

2:00-4:00  WS#6: Values Based Leadership with “The Leadership Pickles”  
           -Tom Peters, MT (ASCP)

**GSH Membership Meeting 5:15**

**Campfire on the Beach 9:00**

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**Sunday April 14, 2013**

8:30-12:00  WS#7: Human Tissues: Histological Identification of the Major Tissue Types  
           -Elizabeth (Ely) Klar, MS

8:30-12:00  WS#8: Cancer in Hollywood  
           -Jeff Gordon, BS of microbiology

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**Vendor representatives will be available in the Vendor Room throughout the weekend.**
Friday April 12, 2013

WS#1 HT(ASCP) Certification Readiness Workshop - The CAT Exam  
CEU: 6 Hours  
Workshop Instruction Level I

This workshop is designed to help the certification eligible candidate organize and study for the ASCP Board Of Certification Histotechnician (HT) exam. A thorough overview/explanation of the Computer Adaptive Testing (CAT) exam process and a review of the subject matter along with many sample questions will be presented.

A study outline, which uses subject matter criteria published by the Board of Certification, as well as study hints will be shared. Extensive handout materials are included for each attendee. This workshop is designed to be most helpful to the student in an OJT (On-the-Job Training) setting or in a self-study situation. Students that are currently enrolled in or have recently completed a directed curriculum based training program will also benefit from this presentation. In addition, those preparing for the Histotechnologist (HTL) exam will also find this workshop useful.

- Robert Lott, HTL (ASCP)

WS#2 Laser Microtomy: The Future of Soft and Hard Tissue Histology  
CEU: 3 Hours  
Workshop Instruction Level I-II

Join us as we take a look at the evolution of microtomy from a simple razor blade, where the first histological sections were produced as part of the development of the light microscope; to the present day and not so distant future where non-contact infrared lasers represent the next and possible final frontier of histology! Our journey begins with the creation of the earliest microtomy devices and their evolution to the present day. We will identify current methods and equipment used to section a wide variety of soft and hard tissue histology specimens in support of undemineralized bone, biomaterials and medical device implants. We will then turn our focus to compare and contrast current conventional methods and equipment with that of non-contact infrared lasers that have been designed for sectioning, micro-structuring and imaging of biological tissue and various materials. Specific tissue preparation techniques for both hard and soft tissue types will be discussed and attendees will also learn of Optical Coherence Tomography (OCT) and how this three-dimensional imaging technology, combined with laser micro-sectioning, provides both the flexibility of 2-D and 3-D cutting and making laser microtomy highly suitable for a wide range of applications in life sciences and materials research. It has taken over 300 years of research, development, and technological innovation, but the future of soft and hard tissue histology is finally here!

-Jack Ratliff, B.A.

Saturday April 13, 2013

WS#3 Quality Management Process in Histology - Creating a Quality Chain in Histology  
CEU: 3 Hours  
WS Instruction Level II

Creating and Implementing a Quality Process can be overwhelming and often difficult. There are several critical steps that need to be addressed in order to create consistent and reliable results. Implementing a Quality Management Process is very much like creating a strong chain and the chain is only as strong as the individual links. Discussion will concentrate on Pre-Analytical Process (fixation, dissection and processing), Method Validation (process and staining) and Process Improvement (defect reduction). Learn how to set up the proper Quality Control and Quality Assurance check points to maintain improvement gained.

There will be time for open discussion of participants’ issues.

-Lamar Jones, BS, HT (ASCP)
-William DeSalvo, BS, HTL (ASCP)

WS#4 Microtomy: What is Beneath the Sections?  
CEU: 3 Hours  
Workshop Instruction Level I-II

Microtomy is a highly skilled level of expertise for every histotechnician and histotechnologist. The proper tissue section preparation can affect the final outcome for a diagnosis of a patient’s tissue specimen both in frozen sections and paraffin sections. What actually happens during the microtomy process? How thick is really ‘too thick’? Why are certain tissues sectioned at specific microns in thickness? What role do levels, serial sections and step sections really play in cutting the tissue sections for microscopic slide preparation? This workshop will explore fixation, proper embedding and effective microtomy of most tissue specimens along with trouble shooting techniques.

-Wanda Grace – Jones, HT(ASCP)

WS#5 Breast Cancer Overview: A Discussion of the Epidemiology, Diagnosis, and Technical Challenges of Breast Tissue Workups in the Histology Laboratory  
CEU: 3 Hours  
Workshop Instruction Level II

The modern clinical histology laboratory is often under great pressure to provide a diagnosis on breast samples as quickly as possible. This is largely due to the emotional nature of breast cancer and the patient’s anxiety when a lesion is discovered. Few if any other disorders strike so directly to the core of a woman’s sexual identity and the lack of real progress in survival rates strikes fear in all of us. Unfortunately for the lab, breast samples pose particular challenges that make rapid turnaround even more difficult and today, prognosis and therapeutic decisions rest largely on information generated from the biopsy sample. This talk will provide an overview of the epidemiology of breast cancer including factors thought to predispose a woman to this illness. The evolution of diagnostic and treatment strategies as they impact the laboratory will be discussed as well as the technical challenges of ensuring that maximum diagnostic and prognostic information is achieved from the sample. Lastly, the current regulations for the handling of breast specimens will be reviewed along with available options for prognostic markers staining.

-Vinnie Della Speranza, MS, HTL (ASCP), MT

WS#6 Values Based Leadership with “The Leadership Pickles”  
CEU: 1.5 hours  
Workshop Instruction Level II

A training session that includes materials developed by Bob Farrell to present a fresh, fun look at three keys of outstanding leadership. In addition, attendees will complete an interactive exercise to help understand the impact of their value system, and the value systems of their work teams, on all workplace decisions. The 1.5 hour session includes DVD Video, PowerPoint, and interactive discussion. A “leadership pickles” survey will be completed by each participant, and a follow-up e-mail will be sent to each attendee ~60 days post-conference, to help reinforce the leadership skills from the session.

- Tom Peters, MT (ASCP)

Sunday April 14, 2013

WS#7 Human Tissues: Histological Identification of the Major Tissue Types  
CEU: 3 Hours  
Workshop Instruction Level II

The histological features of the different types and categories of tissues will be described to facilitate identification of human tissues and organs. The four major types of tissues; epithelium, connective tissue, muscle and nervous tissue will be discussed in detail. Specific characteristics such as cell types, structural organization, membranes, fibers and extracellular matrices will be discussed as well as how these tissues function in their respective organs. During the workshop participants will have the opportunity to observe the different types of tissues and organs in the human body via the use of microscopes and slides. After the conclusion of the workshop, participants should acquire sufficient knowledge of the structural and histological differences between the tissues and have a better understanding of the individual functions of these tissues in the human body.

-Elizabeth (Ely) Klar, MS

WS#8 Cancer in Hollywood  
CEU: 3 Hours  
Workshop Instruction Level II

Mr. Thad Mycosis Fungoides? Humphrey Bogart had esophageal carcinoma? In this workshop, we will take an investigative approach to the fascinating world of celebrity diagnoses and examine each case from a pathological point of view. We will travel through Hollywood history to learn exactly what conditions have affected people in the starlight and then examine the occurrence, curability, and diagnostic characteristics of each disease type. In particular, we will look at identifying histological characteristics and a specific immunophenotype for every tumor we encounter along the way. After this workshop, you will be able to use these famous faces to remember key diagnostic features for a wide array of tumors, including lymphomas, melanomas, and carcinomas.

-Jeff Gordon, BS of microbiology
GSH REGISTRATION FOR 2013 MEETING
APRIL 12-14, 2013
Oceanside Inn and Suites, Jekyll Island, Georgia

Please fill out a form completely for EACH attendee & mail along with check to the address below.

When paying by PayPal you need to mail the form at the same time payment is submitted to assure registration~

NAME____________________________________________________________________________
HOME STREET ADDRESS: ____________________________________________________________
HOME CITY: ___________________ STATE:___________ ZIP:______________________________
HOME PHONE: ________________ EMAIL ADDRESS: ________________________________
EMPLOYER: ________________________________________________________________
WORK STREET ADDRESS: ________________________________________________________
WORK CITY: ______________ WORK STATE: _______ ZIP:____________________________
WORK PHONE: ______________ FAX:_____________________________________________

NONREFUNDABLE REGISTRATION FEE: $35
(includes Awards Luncheon on Saturday and attending vendor reception only)

FEES: Friday, Saturday, Sunday $100 plus $35 registration fee ...... $135.00

EARLY REGISTRATION BY MARCH 1, 2013 ONLY $115.00
Students $50 plus $35 registration fee... .... $ 85 00

EARLY REGISTRATION BY MARCH 1, 2013 ONLY $65.00

STUDENTS: Your instructor must sign here to be eligible for student rates
Name:____________________________________ School Name:_________________________________

YOU MUST CIRCLE WORKSHOPS DESIRED: You can only attend a total of 4 workshops total.
Friday: Workshop #1 Workshop #2
Saturday: Workshop#3 Workshop#4 Workshop#5 Workshop#6
Sunday: Workshop#7 Workshop#8

PLEASE TOTAL Registration fee for all attendees ____ $ 35.00 - nonrefundable
Extra Luncheon tickets #__ ____ $20.00
Workshop Fee ____ $100.00
Student Workshop Fee ____ $50.00
Total _____

Paid by ______________ check__________________ Credit Card via PayPal

MAKE CHECK PAYABLE TO GSH.

NOTE: IF PAYING WITH CREDIT CARD USING PAYPAL PLEASE BE SURE TO MAIL REGISTRATION FORM AT THE TIME OF PAYING ONLINE IN ORDER TO BE REGISTERED.

Shirley Powell, GSH Treasurer
2690 Eatonton Highway
Haddock, GA 31033

Credit Card payments are made by going to www.paypal.com
And send funds to the email address snipes3@windstream.net