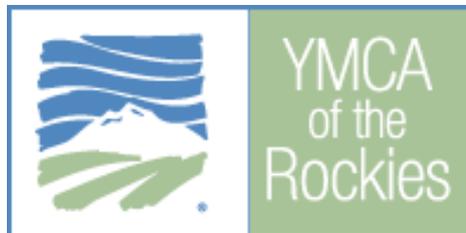


2010 SYMPOSIUM

INSIDE

PROGRAM	2
PROGRAM CONTINUED	3
MEETING ROOMS	4
NOMINATIONS FOR 2010 CSH AWARDS	4
RESERVATION INFO	5
MAPS & DIRECTIONS	6
REGISTRATION & MEMBERSHIP RENEWAL FORM	7

SYMPOSIUM IN ESTES PARK



Location:

YMCA of the Rockies
2515 Tunnel Road
Estes Park, CO 80517

Ph: (800) 777-9622

www.ymcarockies.org



Registration: Friday: 12:00 - 1:00
Saturday: 7:00 - 8:00

Exhibitors: Friday: 2:30 - 4:30
Saturday: 9:30 - 5:00

Friday, April 23rd

12:00 - 1:00 Registration
1:00 - 2:30 Class 1
2:30 - 3:00 Break in the exhibitor area
3:00 - 4:30 Class 2
5:00 - 7:00 Social in the exhibitor area

Saturday, April 24th

7:00 - 8:00 Registration
8:00 - 9:30 Class 3-A or 3-B
9:30 - 10:00 Break in the exhibitor area
10:00 - 11:30 Class 4-A or 4-B
11:30 - 1:00 Lunch in Exhibitor Area/CSH business meeting

1:00 - 2:30 Class 5-A or 5-B
2:30 - 3:00 Break in the exhibitor area
3:00 - 4:30 Class 6-A or 6-B

Deadlines:

Hotel Reservations - March 6, 2010
CSH Pre-registration - April 9, 2010

ESTES PARK

- Base elevation 7,522 feet.
- Founded in 1859 by Joel Estes
- Population 5,413
- Rocky Mountain National Park
- Trail Ridge road elevation 12,183 feet

SESSION 1: FRIDAY AFTERNOON, APRIL 23, 2010**1:00 PM - 2:30 PM, Presentation****1 Digital Pathology – Whole Slide Imaging and Analysis (1.5 CEU credit hours)**

Dr. G. David Young, DVM, DACVP, DABT, Pathologist

Digital pathology is a fast emerging component of the pathology workspace. Whole slide imaging offers the ability to observe and quantify areas of interest on much larger sample sizes, including an entire tissue sample. Quantitation is typically either morphologic (e.g. cellular hypertrophy or tissue infiltrates) or biomarker expression with special stains (e.g. in-situ hybridization or immunohistochemistry). Quantitation requires that a pathologist or biologist either designate a region of interest or provide highly specific tissue staining prior to the computer calculating the results. This step can be particularly challenging in cases with large and morphologically intricate areas of tissue, or when tissue staining is nonspecific. The pathologist needs to be able to identify regions to include or exclude, and then task the computer to find all similar regions and classify the tissue. Smart tissue finding algorithms for automated identification of regions of interest isolates these regions and then additional specific algorithms can then be utilized in measuring protein expression in nuclear, membrane, or cytoplasm components. They can also be used to identify morphological changes, such as angiogenesis or amyloid plaque, or other objects that require quantification. Scanning, tissue pattern recognition and analysis algorithms are all parts of the digital pathologist toolbox and can aid researchers in obtaining precise, reproducible and quantitative data from tissue specimens.

2:30 PM - 3:00 PM, Break**3:00 PM - 4:30 PM, Presentation (1.5 CEU credit hours)****2 Pediatric Pathology**

Dr. Megan Dishop, M.D., Pathologist, Denver Children's Hospital

Abstract currently unavailable, but may be posted later on the CSH website.

4:30 - 6:30 PM, Social**SESSION 2: SATURDAY MORNING, APRIL 24, 2010****8:00 AM - 9:30 AM, Presentations****3-A. Immunohistochemistry Today (3.0 CEU credit hours)**

Ms. Peggy Hansen, Nebraska Medical Center, Omaha, NE

The first half of this workshop will provide the participant a brief history of Immunohistochemistry and discuss the advantages of automation in Immunohistochemistry (IHC). During this session the participants will test their abilities of keeping track like a computer does, and will find out how accurate they are. The second half of this session will review; what is IHC, what IHC is used for, what antibodies and antigens are, how IHC is performed and detections used, how to identify antibody potential and work up a new antibody, what is cross reactivity and background staining, what is an antibody insert and conditions of use for the antibody, control usage, how to titer an antibody and a short review. At the end of this workshop the participant will have a general understanding of automation and a basic understanding of IHC.

3-B Thinking LEAN – Trimming the Fat in Histology (3.0 CEU credit hours)

Mr. Randy Stephens

Today's economic times necessitate that we do more with less. With the given limitations on resources, the general expectation from management is that we improve processes to effectively utilize our current staffing. Increasingly, this may involve undertaking a process improvement project using various improvement methodologies, such as Total Quality Management, Lean, Six Sigma or a combination of the three. The success of these endeavors is dependent on the commitment of senior management, team leaders and team members. This often means that one must challenge current thinking and requires driving Lean principles and a Lean mindset into Histology. Historically, the Histology area of the laboratory has had limited exposure to Lean and many staff are unfamiliar with the basic tools of Lean – process mapping, value stream mapping, spaghetti mapping and 5S. Additionally, developing an implementation and maintenance plan can be challenging - when we have completed mapping the processes and 5S'ing what is next? The goal of this workshop is to explore the tools that are the fundamental building blocks to introducing Lean into your laboratory. We will discuss how we can utilize the various tools, how we link these tools together to create standard work and look for variation in the lab, and ways in which to apply the concepts of level loading and line balancing in histology.

SESSION 2: SATURDAY MORNING, APRIL 24, 2010

9:30 AM - 10:00 AM, Break

10:00 AM - 11:30 PM, Presentations

4-A. Immunohistochemistry Today (continued)

Ms. Peggy Hanson, Nebraska Medical Center, Omaha, NE

4-B Thinking LEAN – Trimming the Fat in Histology (continued)

Mr. Randy Stephens

11:30 PM - 1:00 PM Lunch & CSH Business Meeting

SESSION 3: SATURDAY AFTERNOON, APRIL 24, 2010

1:00 PM - 2:30 PM, Presentations

5-A Insect Histology (1.5 CEU credit hours)

Mr. Damien Laudier, HTL (ASCP). Laudier Histology, New York, NY

Abstract currently unavailable, but may be posted later on the CSH website.

5-B Antibody Challenge: 2010 (1.5 CEU credit hours)

Ms. Kelsey Jones & Ms. Ourhay Shamon, Technical Consultants, Cell Marque

Get a glimpse at how IHC comes into play for a patient. This workshop will be a fun, interactive look at how IHC can be used by pathologists. The discussion will be geared for an audience with an intermediate level of IHC understanding. First we will take a brief look at how to interpret a panel of antibodies, and review the significance of their use. We will move on to explore some of the basic panels, and the markers which are involved. After we have established a solid understanding of basic panels, we will widen our exploration to include some of the more advanced algorithms as well. At this point we will begin the best part, with interactive participation of the audience. We will present real life scenarios accompanied with various clues and staining results, and allow the audience to use their newly acquired knowledge of panel usage to decide what markers might be helpful. At the conclusion of this talk, the audience will have seen for themselves how important IHC can be, and also how panels can be a great tool to assist pathologists with finding an accurate diagnosis.

2:30 PM - 3:00 PM Break

3:00 PM - 4:30 PM, Presentations

6-A Special Stains for Melanoma (1.5 CEU credit hours)

Dr. Whitney High, M.D., Pathologist, CU Dermatopathology Consultants, Denver, CO

Abstract currently unavailable, but may be posted later on the CSH website.

6-B Infectious Disease and Lung Pathology (1.5 CEU credit hours)

Dr Carlyne Cool, M.D., Pathologist, UC Denver, LUH

MEETING ROOMS



All CSH speaker presentations will take place in the Longs Peak lodge. Vendor exhibits, breaks, Friday afternoon social and the business luncheon on Saturday will also be located in the Longs Peak lodge



NOMINATIONS FOR 2010 CSH AWARDS



CSH is accepting nominations for the 2010 awards, which will be presented at the state meeting in Estes Park on April 24th, 2010. Deadline for nominations is 3/5/10. Please submit your nominations for the Monte Thompson award, Histotech of the Year, Vendor of the Year and New Kid on the Block. Please use the online nomination form available on the CSH website, www.coloradohisto.org

If you have any questions regarding nominations or the awards, please contact the CSH awards chairperson, Ms. Andrea De Jager at (303) 404-4152 or email Andrea.X.Dejager@kp.org.

RESERVATIONS

If you intend to reserve a room it is strongly recommended that you make your reservation as soon as possible. Rooms for CSH attendees will be available in the Wind River Lodge. When making reservations attendees will need to use Reservation # 156981. All rooms include a meal plan which is an all you can eat buffet: breakfast, lunch and dinner. **All vacancies will be dropped after Feb. 22nd** at which point there will be no guarantee of securing a room.

Room Options	Group Rate
Double Room	\$117.00



Check-in/Check-out:

Check-in is after 3:00pm. Check-out is by 10:00am.

Online Reservations: www.ymcarockies.org

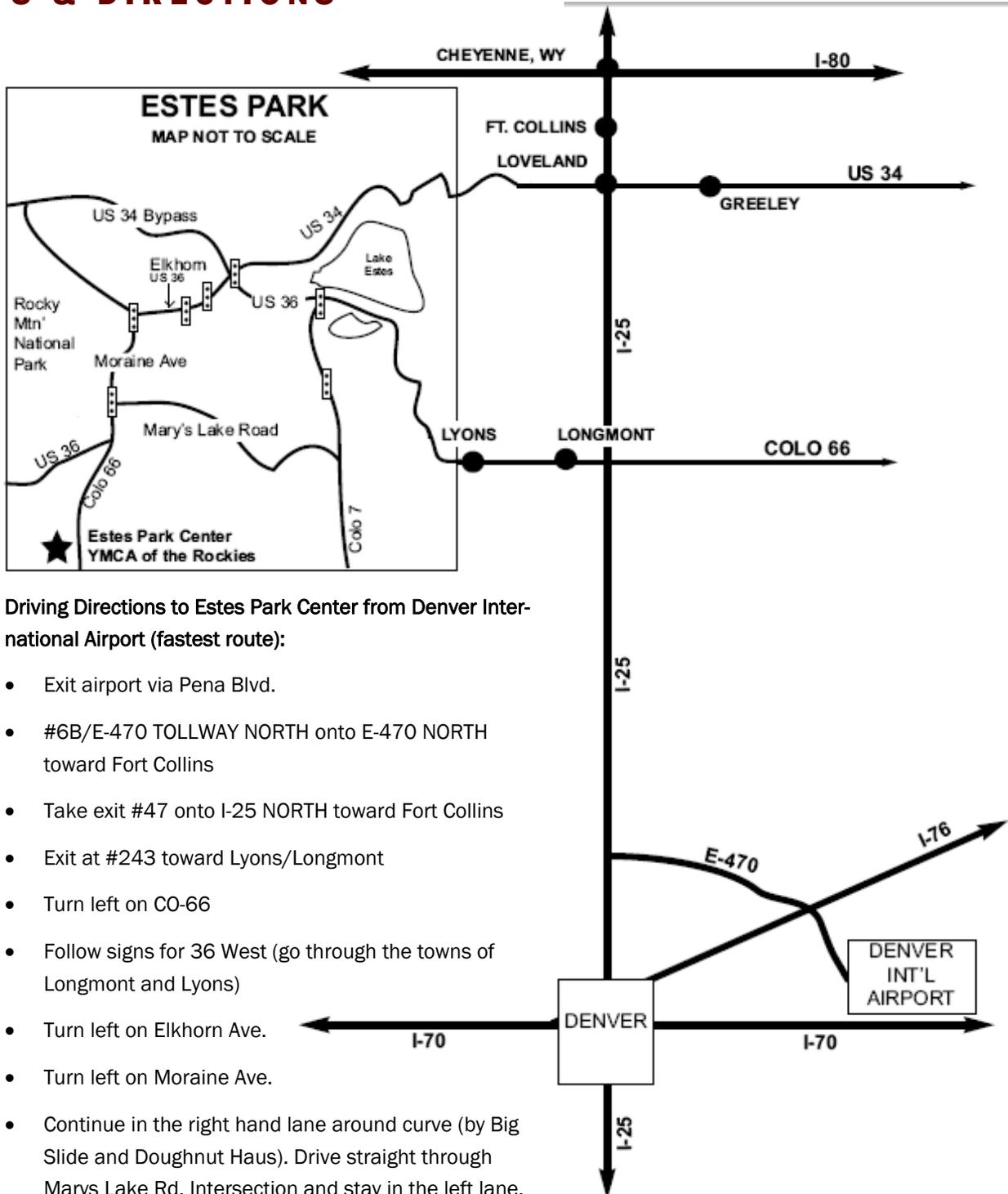
1. Hold your cursor over "Make Reservations" near the top, right of the home page. Click on "Group, Conference, Retreats and Family Reunions".
2. Click on "Group Reservations for Estes Park Center" near the bottom of the next page.
3. Type in **E20858** for the Group ID and **156981** for the password.
4. Click "Log In" and the Group reservation information will appear. Please read the information, and click "Continue"
5. Make a room reservation by filling out your arrival & departure dates and entering the number of people staying in your room. Select the desired room type. A nightly average will appear to the right of each accommodation.
6. To finish the reservation click the reserve button for your desired accommodation. You will then fill out information needed for a confirmation and will be asked for a deposit of 35% of your total stay.



When the reservation is completed you will receive a confirmation number by email. If you do not receive the confirmation number in a timely manner feel free to contact Reservations at 888-613-9622 to request a copy of the confirmation.

If you would like to arrive earlier or stay longer, please make your reservation on-line first for the dates of the group. Then you will need to call the Central Reservations office at 888/613-9622 to add the additional nights to your reservation. Please have your reservation number available when calling.

MAPS & DIRECTIONS



Driving Directions to Estes Park Center from Denver International Airport (fastest route):

- Exit airport via Pena Blvd.
- #6B/E-470 TOLLWAY NORTH onto E-470 NORTH toward Fort Collins
- Take exit #47 onto I-25 NORTH toward Fort Collins
- Exit at #243 toward Lyons/Longmont
- Turn left on CO-66
- Follow signs for 36 West (go through the towns of Longmont and Lyons)
- Turn left on Elkhorn Ave.
- Turn left on Moraine Ave.
- Continue in the right hand lane around curve (by Big Slide and Doughnut Haus). Drive straight through Marys Lake Rd. Intersection and stay in the left lane. US-36 becomes CO-66
- Look for signs-Estes Park Center entrance on your right hand side

2010 CSH COMBINED MEMBERSHIP RENEWAL AND MEETING REGISTRATION FORM

Name: _____

Page 7

Employer: _____

Work Address: _____

City: _____ State: _____ Zip: _____

Work Phone: (____) _____ Work Fax: (____) _____

Work Email: _____

Home address: _____

City: _____ State: _____ Zip: _____

Home Phone: (____) _____ Home Email: _____

Referred By CSH Member: _____

Fees: Membership renewal for 2010-2011 is \$20.00



\$35.00 per session for new or renewed members. Note: A \$20.00 membership/renewal fee must be added to the total in order to receive the discount rate of \$35.00 per session. Details regarding the membership policy can be found on our website at www.coloradohisto.org.

Max charge new or renewed members = \$125.00 (3 session @ \$35.00 + \$20.00 membership)

\$50.00 per session for non-members, Max charge non-members = \$150.00 (3 sessions @ \$50.00)

	New or	
Please check the box next to the presentation(s) you wish to attend.	Renewed Member	Non-Member
	\$35.00/session	\$50.00/session

Session 1	1:00 - 2:30 <input type="checkbox"/> 1	\$ _____	\$ _____
	3:00 - 4:30 <input type="checkbox"/> 2		
Session 2	8:30 - 10:00 <input type="checkbox"/> 3-A or <input type="checkbox"/> 3-B	\$ _____	\$ _____
	10:30 - 12:00 <input type="checkbox"/> 4-A or <input type="checkbox"/> 4-B		
Session 3	1:30 - 3:00 <input type="checkbox"/> 5-A or <input type="checkbox"/> 5-B	\$ _____	\$ _____
	3:00 - 4:30 <input type="checkbox"/> 6-A or <input type="checkbox"/> 6-B		

Membership Renewal: \$20.00 \$0.00

Please mail the completed form and funds to:

CSH Registrar:
c/o John McGinley
2509 Manet Ct.
Fort Collins, CO 80526



Total: \$ _____ \$ _____

- Enclosed is my check for: \$ _____
- Pre-registration only. Funds to follow or will pay the day of the meeting.
- I am unable to attend the meeting, but would like to join or renew my CSH membership for 2010-2011.

Wk Ph: (970) 491-3041 Fax: (970) 491-3542

Online registration available at www.coloradohisto.org

COLORADO SOCIETY OF HISTOTECHNOLOGY

President / Program Chair

Ms. Stacey Langenberg
CU Dermatopathology Consultants
12635 E. Montview Blvd. Suite 160
Aurora, CO 80045
Ph: (720) 859-3559

stacey.langenberg@coloradohisto.org

Vice-President / Awards Chair

Ms. Andrea De Jager
Kaiser Permanente
11000 East 45th Ave.
Denver, CO 80239
Ph: (303) 404-4152
Fx: (303) 404-4161

andrea.dejager@coloradohisto.org

Secretary

Mr. John McGinley
Colorado State University
1173 Campus Delivery
Fort Collins, CO 80523-1173
Ph: (970) 491-3041
Fx: (970) 491-3542

John.mcginley@coloradohisto.org

Treasurer

Ms. Pamela Vizcarra
UCHSC, 12605 E. 16th Ave.,
Campus Box F768
Aurora, CO 80045
Ph: (720) 848-4363
Fx: (720) 848-0927

pamela.vizcarra@coloradohisto.org

Region VII Director

Andrea Grantham, HT(ASCP)
University of Arizona
Dept. of Cell Biology & Anatomy
P.O. Box 245044 Tucson, AZ 85724-5044
Ph: 520-626-4415
Fx: 520-626-2097
Email: algranth@u.arizona.edu

INSIDE...
2010 CSH
SYMPOSIUM
IN ESTES PARK
INFORMATION,
REGISTRATION
AND CSH
MEMBERSHIP
RENEWAL

John McGinley,
CSH Registrar
2509 Manet, Ct.
Fort Collins, CO 80526