The 135th Meeting of the Association of Clinical Scientists will be held in Salt Lake City, Utah on May 13 to 16, 2015. Charles D. Hawker, PhD and the members of the Program Committee cordially invite you to attend this outstanding conference to be hosted by the Department of Pathology of the University of Utah School of Medicine and ARUP Laboratories. The host venue is the Little America Hotel (see below). The Thursday and Saturday sessions will be held at the hotel, whereas the Friday morning lectures and tour will be at ARUP Laboratories. Tour participants will be able to see ARUP’s world class automation systems as well as several leading edge technologies in specialized laboratories.

**THURSDAY HIGHLIGHTS**

The program theme will be Clinical Applications of Next Generation Technologies. The entire first day will be devoted to next generation sequencing and similar new technologies. The Claude P. Brown Memorial Lecture will be presented by Mary P. Bronner, MD, Director of the Anatomic Pathology and Oncology Divisions of the Department of Pathology and the Carl J. Kjeldsberg Professor of Pathology at the University of Utah. Her presentation is entitled “Circulating Tumor DNA: Disruptive Technology in Cancer.”

**FRIDAY HIGHLIGHTS**

The Friday morning highlights are described to the left. On Friday afternoon, attendees will have an optional bus tour of downtown Salt Lake City with box lunches, culminating in a tour of the Natural History Museum of Utah (nhmu.utah.edu), an architectural marvel and a case study in “green” design created by community generosity and housed at the Rio Tinto Center. This world class museum opened in the fall of 2011 to rave reviews. The five levels are arranged in a manner that allows one to start at the top and gradually descend; exploring all that is of particular interest on each level, and ending with a walk over and under massive dinosaur skeletons.
Registration Now Open for the Annual Meeting

RECEPTION AND BANQUET
The Association’s annual reception and banquet will be held on Friday evening in the elegant Savoy Salon in the Grand America Hotel across the street from the Little America. In addition to the presentation of the Association’s annual awards, the banquet will include a lecture by Will Bagley, a noted Western historian, author of more than 20 books, and a frequent speaker. His topic will be “Voices from the Dust: How Forensic Pathology and Archeology Help Historians Understand the Past.”

SATURDAY HIGHLIGHTS
Saturday morning will feature split tracks for Anatomic and Clinical Pathology. The clinical track will feature several presentations on mass spectrometry, in addition to submitted abstracts, whereas the anatomic track features presentations on breast pathology and gastrointestinal pathology along with submitted abstracts. The Saturday afternoon session includes submitted abstracts on a variety of current topics.

LUNCHEON SESSIONS
There will be outstanding luncheon seminars on Thursday and Saturday that registrants will definitely want to attend. On Thursday, Carl T. Wittwer, MD, PhD, the inventor of the Light Cycler and one of the world’s most prominent scientists in the PCR field, will speak on “The Evolution of Molecular Diagnostics: Past Present, and Future.” On Saturday, Edward R. Ashwood, MD, President and CEO of ARUP Laboratories, will speak on “The Impact of the FDA’s Initiative to Regulate Lab-Developed Tests.”

HOTEL INFORMATION
The Headquarters Hotel is the Little America Hotel. This 3-star/4-diamond facility has been beautifully refurbished and is an ideal venue for our meeting. Located in the downtown area and a short ½ mile walk or TRAX ride to many restaurants and attractions, this wonderful hotel features Salt Lake’s largest indoor/outdoor swimming pool, a large fitness center with sauna and whirlpool, retail shops, a business center, the Lucky H Bar and Grill, the Coffee Shop, and the Lobby Lounge. Among the many services there is complimentary in-room Wi-Fi access. All rooms have coffee makers and most have refrigerators. The conference rate for standard rooms is $139, single or double, plus taxes, which currently total 12.72%. Online reservations can be made through a link on the Association’s website.

Little America Hotel
www.saltlake.littleamerica.com
500 South Main Street, Salt Lake City, UT 84101
Telephone 800-281-7899

PRICING INFORMATION
Registration for the 135th Annual Meeting is now open on the Association’s website at: (Please provide URL).

$275 Full Meeting Registration for Associate or Emeritus Fellows, Residents, Trainees, and Fellows
Includes one ticket to the reception and banquet, but does not include luncheons

$0 One-day Registration for Speakers
Does not include luncheons, reception and banquet

$40 Thursday Luncheon
Speaker: Carl Wittwer

$40 Saturday Luncheon
Speaker: Ed Ashwood

$50 Friday Afternoon Tour (optional)
Natural History Museum of Utah
Includes box lunch

$95 Additional Ticket to Annual Reception and Banquet on Friday evening

$0 Saturday Evening Musicale and Art Show
Includes wine and cheese reception
Activities of the Auxiliary

The Auxiliary of the Association of Clinical Scientists promotes and provides a forum of support, camaraderie and entertainment for Association members’ family, friends and guests in attendance at the annual meetings. All are welcome to participate in these optional events of the Auxiliary.

WEDNESDAY, MAY 13

5:30 pm Auxiliary Reception
   (Garden Room, Grand America Hotel)
   Complimentary

6:30 pm Combined Reception
   (Garden Room, Grand America Hotel)
   Auxiliary members to be joined by spouses or significant others for drinks or dinner. All charges are responsibilities of individuals.

THURSDAY, MAY 14

9:30 am Tour of Temple Square and
   the LDS Family History Library
   Reservations requested: patti@pattihawker.com
   Free transport by TRAX three stops North on Green Line or Blue Line

3:30 pm High Tea in the Grand America Hotel
   Reservations required: patti@pattihawker.com

FRIDAY, MAY 15

9:00 am Leadership Meeting of the Auxiliary
   (Private Dining Room, Coffee Shop)

12:45 pm Afternoon Tour of the
   Natural History Museum of Utah
   Box lunch provided
   Registration and ticket required

SATURDAY, MAY 16

No formal organized activity.
Suggestions include:
- Shopping at City Creek Centre in downtown Salt Lake City (use TRAX Green Line or Blue Line two stops North)
- Visiting Utah Museum of Fine Arts (Taxi)
- Mountain excursion to Park City Historic Main Street (Requires a car)

Auxiliary President:
Patti Hawker
patti@pattihawker.com
(760) 636-3815
**PRELIMINARY PROGRAM**  
Subject to change. All events at Little America Hotel unless otherwise noted.

**WEDNESDAY, MAY 13, 2015**

- **2:30 pm**  Meeting Registration Opens (Lobby)
- **3:00 pm-5:10 pm**  Executive Committee Meeting  
  (Casper Room)
- **5:30 pm-6:30 pm**  Welcome Reception  
  (Olympus Room)  
  Complimentary
- **6:30 pm**  Combined Reception  
  (Garden Room)  
  *Individuals responsible for charges*

**THURSDAY, MAY 14, 2015**

**Clinical Applications of Next Generation Technologies Session (Ballroom A)**

- **7:30 am**  Meeting Registration Opens (Ballroom A Foyer)
- **7:50 am**  President’s Welcome  
  *Kyle C. Kurek*
- **8:00 am**  Claude P. Brown Memorial Lecture: Circulating Tumor DNA: Disruptive Technology in Cancer  
  *Mary P. Bronner*
- **8:45 am**  A Primer on Next Generation Sequencing  
  *Kyle C. Kurek*
- **9:15 am**  NGS in Genetics, Exome, and Gene Panels  
  *Pinar Bayrak-Toydemir*
- **9:45 am**  Role of a Genetic Counselor  
  *Chris Mille*
- **10:05 am**  Coffee Break
- **10:20 am**  Getting Genetic and Molecular Tests Coded and Reimbursed  
  *Elaine Lyon*
- **10:50 am**  NGS in Solid Tumors  
  *Wade Samowitz*
- **11:20 am**  NGS in Hematological Malignancies  
  *Todd Kelley*
- **11:50 am**  NGS Variant Interpretation in Genetics  
  *Rong Mao*
- **12:05 pm**  NGS Variant Interpretation in Oncology  
  *Allie Grossman*
- **12:20 pm**  Adjourn for Luncheon

**Luncheon Seminar (Arizona Room)**

- **12:30 pm**  The Evolution of Molecular Diagnostics: Past, Present, and Future  
  *Carl Wittwer*

**Clinical Applications of Next Generation Technologies Session (Ballroom A)**

- **1:30 pm**  Informatics and Software Support for NGS Testing  
  *Brendan O’Fallon*
- **2:00 pm**  NGS Testing in Immunology  
  *Attila Kumanovics*
- **2:30 pm**  NGS Testing in Infectious Diseases  
  *Robert Schlaberg*
- **3:00 pm**  Coffee Break
- **3:15 pm**  CAP Oversight of NGS Testing  
  *Karl Voelkerding*
- **3:45 pm**  Submitted Abstracts  
  15 minutes each

**Evening Activities**

- **7:00 pm**  Musicale Rehearsal (Olympus Room)
- **7:00 pm**  Awards Committee Meeting (Casper Room)
- **7:00 pm**  Optional Free Activity  
  Attend the weekly rehearsal of the Mormon Tabernacle Choir at the LDS Church’s Conference Center
- **8:00 pm**  Nominating Committee Meeting (Casper Room)
FRIDAY, MAY 15, 2015

Session and Tour at ARUP Laboratories

6:55 am   Bus Loads  
(Outside south lobby doors)
7:10 am   Bus Departs Hotel
7:30 am   Check-In  
(ARUP Laboratories main lobby)  
Required for HIPAA compliance
7:40 am   Continental Breakfast
8:00 am   Introduction  
Edward Ashwood
8:05 am   The Structure of an Academic Reference Laboratory  
Peter Jensen
8:30 am   15 Minute Papers  
ARUP Fellows and Staff
9:45 am   Overview and Explanation of the Tours of ARUP  
Charles Hawker
9:55 am   Coffee Break
10:15 am   Tour of ARUP Automation and Selected Laboratories
11:50 am   Reboard Bus for Return to Hotel

Natural History Museum of Utah Tour
Box lunch provided at bus; Registration fee and ticket required

12:45 pm   Bus Loads
1:00 pm   Bus Departs Hotel
1:15 pm   Natural History Museum of Utah Tour
4:30 pm   Reboard Bus for Return to Hotel

Evening Activities

6:00 pm   Annual Reception  
(Savoy Salon, Grand America Hotel)
7:00 pm   Awards Banquet and Presentation  
(Savoy Salon, Grand America Hotel)

SATURDAY, MAY 16, 2015

Clinical Pathology Track (Arizona Room)

8:00 am   Overview of Clinical Mass Spectrometry  
Alan Rockwood
8:30 am   Mass Spectrometry in the Clinical Microbiology Lab  
Adam Barker
9:00 am   Mass Spectrometry in Biochemical Genetics  
Marzia Pasquali
9:30 am   Mass Spectrometry in Endocrinology  
Joely Straseski
10:00 am   Coffee Break
10:15 am   Various 15 Minute Presentations
12:00 pm   Adjourn for Luncheon

Anatomic Pathology Track (Idaho Room)

8:00 am   Diagnostic Dilemmas in Gastrointestinal Pathology  
Mary Bronner, Kajsa Affolter, and Erinn Downs-Kelly
10:00 am   Coffee Break
10:15 am   Various 15 Minute Presentations
12:00 pm   Adjourn for Luncheon

Luncheon Seminar (Wyoming Room)

12:20 pm   The Impact of the FDA’s Initiative to Regulate Laboratory Developed Tests  
Edward Ashwood

Afternoon Session

1:15 pm   PAM50 Gene Assay for Breast Cancer  
Philip Bernard
1:45 pm   Inflammatory Pathways Sculpt Microbial Communities  
Jason Kubinak
2:15 pm   Submitted Presentations
3:00 pm   Coffee Break
3:15 pm   Submitted Presentations

Evening Activities

5:00 pm   Annual Business Meeting (Arizona Room)  
Kyle C. Kurek, presiding
7:30 pm   Musicale and Art Show (Olympus Room)
Greetings, and welcome to the ACS President’s column. I want to highlight some of the great things that are happening in the Society.

As you are well aware, our annual meeting is fast approaching. The Program Committee, chaired by Dr. Charles Hawker, has done an outstanding job of programming the wealth of molecular and genetic diagnostic knowledge at the University of Utah and ARUP Labs. A highlight will be the Thursday sessions on clinical applications of next generation technologies, including the Brown Memorial Lecture by Dr. Mary Bronner on circulating tumor DNA diagnostics, and a luncheon lecture by Dr. Carl Wittwer, pioneer inventor of novel PCR-based technologies, including Real-Time PCR and other innovations that have revolutionized the practice of our clinical laboratories. A tour of the ARUP Labs, rehearsal concert of the Mormon Tabernacle Choir, and visit to the Natural History Museum of Utah will make this a must attend event for everyone. I hope to see you at the opening reception.

The Annals are experiencing such a great success that they have been expanded to six issues per year in 2015. Congratulations to our Editor, Dr. Nina Tatevian. We look forward to hearing more about the expanded format at the annual meeting.

We are in the process of reorganizing and revitalizing our committees, with the goal of having fewer, more active committees. Two of the most important changes are the addition of the Young Fellows Section, and the expansion of the Membership & Mentoring Committee. Our goal is to ensure that all new members are paired with a current ACS mentor to provide a personal contact in the Society. If you would like to become a mentor, contact Peter Hu, Vice President and Chair of the M&M Committee (pchu@mdanderson.org). You will be receiving email notifications about committee assignments shortly, and expect further communications from your Chairs prior to the meeting. If you would like to serve on a committee, please let me know.

I hope everyone is enjoying the new format of the Trumpet. We are indebted to Charlie Hawker for all of his work on this newsletter. Since no one person could do all that he has done for us as Secretary, we have created a new position of Newsletter Editor. I am pleased to announce that Dr. Lori Millner of the University of Louisville has agreed to serve as our first Editor.

Finally, the Executive Committee has been busy working with ASCP to continue to streamline and improve our administrative functions. I sincerely appreciate everyone’s hard work, and your continued patience. Although many of the initial bugs have been fixed, should you encounter a problem, please pick up the phone and call. There is always someone available to assist with membership renewals and receipts, meeting registration and information, and general ACS questions.

It is an honor to serve all of you as president. If you have any comments, concerns, or ideas, feel free to contact me directly (kyle.kurek@ucalgary.ca).

Sincerely,

Kyle Kurek
Association of Clinical Scientists Committees 2014-2015

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Shahanawaz Jiwani, MD
Kamisha Johnson-Davis, PhD
Lori Millner, PhD
Trevor Pitcher, PhD
Eric Rosenbaum, MD

SPECIAL APPOINTMENTS
Editor of Annals:
Nina Tatevian, MD, PhD
CME Coordinator:
Roger L. Bertholf, PhD
Editor of Trumpet Newsletter:
Lori Millner, PhD
Manager of Association Website:
Charles D. Hawker, PhD, MBA
Delegate to Intersociety Pathology Council:
Dani S. Zander, MD
Delegate to College of American Pathologists:
Juliana G. Szakacs, MD

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Annina McCully, Past-President
Charlotte Cannon, Secretary
Adrienne Hopfer, Treasurer
Becky Hunter, Historian
Association of Clinical Scientists hopes to see you in Salt Lake City!

May 13-16, 2015

Register today at Please Provide URL