



Clinical Science Trumpet

Newsletter of the Association of Clinical Scientists

Vol 35, No 1 - February 2015

Registration Now Open for the Annual Meeting

May 13-16, 2015 Salt Lake City, Utah

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

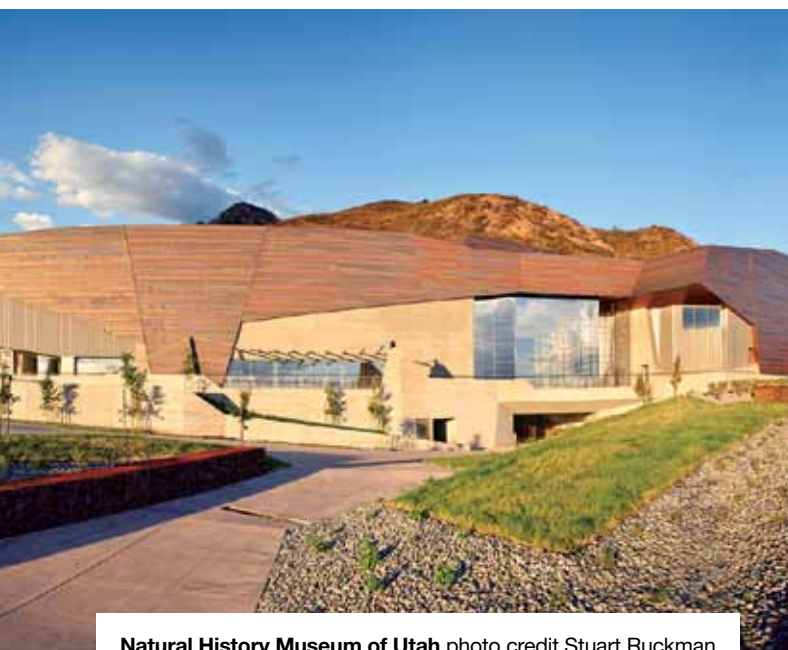
The program theme will be *Clinical Applications of Next Generation Technologies*. The entire first day will be devoted to next generation sequencing and similar new technologies. The Claude P. Brown Memorial Lecture will be presented by Mary P. Bronner, MD, Director of the Anatomic Pathology and Oncology 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."



Mary P. Bronner

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.



Natural History Museum of Utah photo credit Stuart Ruckman

- Registration Now Open for the Annual Meeting
- Activities of the Auxiliary
- Preliminary Program
- President's Column
- Association of Clinical Scientists Committees 2014-2015

Registration Now Open for the Annual Meeting



Will Bagley

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."



Carl T. Wittwer



Edward R. Ashwood

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

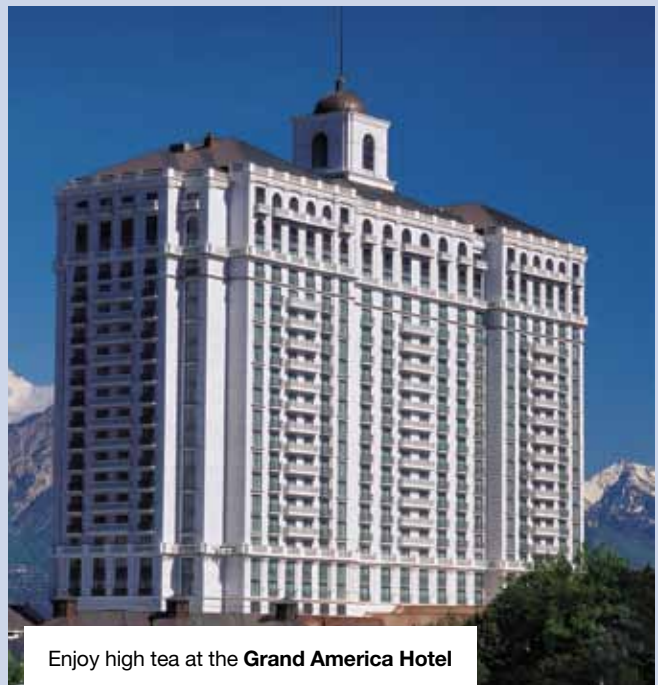
No formal organized activity.

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



Mormon Tabernacle Choir

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
- 8:45am 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)

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 Musicales and Art Show (Olympus 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)



President's Column

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.



Kyle Kurek

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

ATHLETICS COMMITTEE

Armand B. Glassman, MD, Chair
Robert L. Hunter Jr, MD PhD
Consolato Sergi, MD

AWARDS COMMITTEE

Consolato Sergi, MD, Chair
Roger L. Bertholf, PhD
Sol Green, PhD
Sidney M. Hopfer, PhD
Jonathan Krauss, MD
Juliana G. Szakacs, MD
Myra L. Wilkerson, MD

CONSTITUTION AND BYLAWS COMMITTEE

Charles D. Hawker, PhD, MBA, Chair
Vincent A. DeBari, PhD
Laurence N. Demers, PhD
Clive R. Hamlin, PhD
John Lazarchick, MD

EDUCATIONAL ACCREDITATION COMMITTEE (2015)

Roger L. Bertholf, PhD, CME
Coordinator
Charles D. Hawker, PhD
Kamisha Johnson-Davis, PhD
Patricia Slev, PhD

ETHICS AND PROFESSIONAL RELATIONS COMMITTEE

Vincent A. DeBari, PhD, Chair
Donald J. Cannon, PhD
Armand B. Glassman, MD
Yvette S. McCarter, PhD
Martin J. Salwen, MD

HISTORICAL COMMITTEE

Manju Vadmal, MD, Chair
Herbert Derman, MD
Henry A. Diederichs, MD
Charles D. Hawker, PhD, MBA
Jeno E. Szakacs, MD

MEMBERSHIP AND MENTORING COMMITTEE

Peter C. Hu, PhD, Chair
Joshua Bornhorst, PhD
Keri Donaldson, MD, PhD
Magali Fontaine, MD, PhD
Sidney M. Hopfer, PhD
Steven Kroft, MD
Kyle C. Kurek, MD
Amadeo Pesce, PhD
Juliana Szakacs, MD
Roland Valdes Jr, PhD
Myra L. Wilkerson, MD

MUSIC AND ARTS COMMITTEE

Myra L. Wilkerson, MD, Chair
Philip R. Foulis, MD, MPH
Frederick L. Kiechle, MD, PhD
Kilmer S. McCully, MD
Jack W. Snyder, MD, PhD

NOMINATING COMMITTEE

Kilmer S. McCully, MD, Chair
Roger L. Bertholf, PhD
Robert E. Brown, MD
Armand B. Glassman, MD
Robert L. Hunter Jr, MD, PhD
Juliana Szakacs, MD
Dani Zander, MD
Lori Millner, PhD

PUBLICATIONS COMMITTEE

Nina Tatevian, MD, PhD, Chair
Robert E. Brown, MD
Armand B. Glassman, MD
Frederick L. Kiechle Jr, MD, PhD
Vincent A. DeBari, PhD

PUBLIC RELATIONS COMMITTEE

Clive R. Hamlin, PhD, Chair
Kathleen A. Allen, MD
Charles D. Hawker, PhD, MBA
Yvette McCarter, PhD
Michael B. Morgan, MD
Jack W. Snyder, MD, PhD

PROGRAM COMMITTEE (2015)

Charles D. Hawker, PhD, MBA, Chair
Allie H. Grossman, MD, PhD
Kamisha L. Johnson-Davis, PhD
Elaine Lyon, PhD
Wade Samowitz, MD
Patricia R. Slev, PhD
Frederick G. Strathmann, PhD
Edward R. Ashwood, MD (ex officio)
Peter Jensen, MD (ex officio)

YOUNG FELLOWS SECTION

Keri Donaldson, MD, PhD, Chair
Alyaa Al-Ibreheemi, MD
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

OFFICERS OF THE AUXILIARY

Patti Hawker, President
Annina McCully, Past-President
Charlotte Cannon, Secretary
Adrienne Hopfer, Treasurer
Becky Hunter, Historian



Register today at *Please Provide URL*

Association of Clinical Scientists hopes to see you in Salt Lake City!

May 13-16, 2015

