



Clinical Science Trumpet

Newsletter of the Association
of Clinical Scientists

Final Program and Meeting Schedule

Vol 33, No 2
April
2013

Annual
Meeting in
Boston, MA
May 22-25, 2013

Final
Program

Announcement
of new
Young Fellows
Section and first
time event at
Annual Meeting

Proposed Bylaws
Amendment

Meeting
Registration
Form

The 133rd Meeting of the Association of Clinical Scientists will be held in Boston, Massachusetts on May 22 to 25, 2013. The headquarters will be the Omni Parker House Hotel, located in downtown Boston. The meeting will be hosted by the Harvard Vanguard Medical Associates. Dr. Juliana Szakacs, Chair of the Program Committee, cordially invites you to attend this outstanding conference. The program theme will be *Advances in Molecular / Genetic Diagnostics and Pediatric Pathology*.

In addition to a session on the meeting theme, other sessions on Thursday afternoon, Friday morning and all day Saturday will include reviews and research papers from the Sections on Clinical Biochemistry and Biotechnology, Molecular Biology and Genetics, Clinical Immunology and Microbiology, Therapeutics and Toxicology, Clinical Informatics, Cell and Tissue Pathology, and Clinical Science in Practice. The annual surgical pathology tutorial will include a session on dermatologic pathology. The Friday morning half day session will include a tour of several research laboratories at the Brigham & Women's Hospital.

The Program Committee, Dr. Juliana Szakacs, Chair, Dr. Kilmer McCully, Dr. Kyle Kurek, Dr. Nina Tatevian, and Dr. Robert Hunter, has done a splendid job assembling an outstanding program.

The Claude P. Brown Memorial Lecture will be delivered by Kyle C. Kurek, MD on "Cartilage Tumor Syndromes – Genetic Discovery to New Tumor Paradigms."

New for this year is a poster session to be held Saturday, May 25. This session was conceived to be primarily for residents and fellows, but members may request consideration for posters. Abstracts submitted for poster presentation should so state, and those selected for poster presentation will also have 5 minutes in the first oral session on Saturday in which to present two slides about their poster so that meeting attendees can have a preview of the posters they may wish to view.

The following individuals will receive awards at this meeting: Gold Headed Cane: John Savory; Clinical Scientist of the Year: Clive R. Hamlin; Diploma of Honor: Vincent A. DeBari; and Young Clinical Scientists: Lori M. Millner (Innovation and Science), Frederick G. Strathmann (Technology Development), and Kristine Konopka and Joshua Bornhorst (Clinical Applications).

Social events will include the Association's annual reception and banquet on Friday evening, and the annual musicale and art show on Saturday evening, featuring chamber music and an exhibition of art, photographs, and handicrafts by members and guests.

**Association of
Clinical
Scientists**

**Officers and
Executive
Committee**

Roland Valdes, Jr
PhD President

Kilmer McCully,
MD
Vice-President

Charles D Hawker
PhD, Secretary

Roger L Bertholf
PhD, Treasurer

Robert L Hunter Jr
MD, PhD,
Director of
Scientific Sections

Nina Tatevian
MD, PhD, Editor-
in-Chief

**Other Members of
the Executive
Committee:**

Vincent A DeBari,
PhD

Magali J Fontaine
MD, PhD

Dani S Zander MD

**The Association's
address is 6431
Fannin, MSB
2.292, Houston,
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tel 713 234 6387;
fax 713 500 0732;
e-mail
clinsci@sover.net;
website: www.clinicalscience.org**

**Advances in Molecular / Genetic Diagnostics and
Pediatric Pathology**
133rd Meeting of the Association of Clinical Scientists
in Boston, Massachusetts, May 22 – 25, 2013

Headquarters: Omni Parker House Hotel

Host: the Harvard Vanguard Medical Associates

CME Sponsor: The College of American Pathologists

Wednesday, 22 May
(Omni Parker House Hotel)

- 2:00 pm Meeting registration desk opens (lobby)
- 2:30 pm Educational Accreditation Committee meeting (Gardner Room)
- 3:30 pm Executive Committee meeting (Gardner Room)
- 5:30 pm Editorial Board reception (Stowe Room)

**Thursday, 23 May (Omni Parker
House Hotel) Kennedy Room**

Session A
Advances in Molecular & Genetic Diagnostics
Chairs: Roland Valdes, Jr., & Juliana Szakacs

- 7:45 am Welcome. Roland Valdes Jr., President of the Association; Juliana G Szakacs and Kyle Kurek, Co-chairs of Program Committee
- 8:00 am [1] Claude P. Brown Memorial Lecture: Cartilage Tumor Syndromes- Genetic Discovery to New Tumor Paradigms. Kyle Kurek, Boston, MA
- 8:30 am [2] Individualizing Genetic Testing Decisions in a Large Multi-Specialty Group Practice. Susan Pauker, Boston, MA
- 8:45 am [3] Mapping the Undiscovered Country: Counsyl's 100,000 Pan-Ethnic Clinical Screens. Eric A. Evans, Stanford, CA
- 9:00 am [4] Boston Children's Hospital Whole Genome Sequencing Pilot Project. David T. Miller, Boston, MA
- 9:15 am [5] Chromosomal Microarray Analysis in Pediatric Disease Diagnostics and Clinical Research. Yiping Shen, Boston, MA
- 9:30 am [6] Clinical Genomics in Pediatric Oncology. Katherine Janeway, Boston, MA
- 9:45 am [7] Whole Exome Sequencing for Classical and Nonclassical Mendelian Contributions to Autism. Timothy Yu, Boston, MA
- 10:00 am [8] Urine Proteomics for Discovery of Diagnostic Markers of Human Disease. Alex Kentsis, Boston, MA
- 10:15 am Refreshments

Session B

Advances in Pediatric Pathology Diagnostics
Chairs: Robert E. Brown & Nina Tatevian

- 10:30 am [9] New Entities in Vascular Anomalies . Harry Kozakewich, Boston, MA
 - 10:45 am [10] Paucicellular Specimens - Cytopathology and Electron Microscopy Can Save the Day in Diagnosis of CNS Pathology. Meenakshi B. Bhattacharjee, Houston, TX
 - 11:00 am [11] Eosinophilic Esophagitis in Pediatric Population: an Update. Nina Tatevian, Houston, TX
 - 11:15 am [12] Pediatric Tumors with EWS Gene Rearrangements - A Pathologic and Molecular Review. Sanda Alexandrescu, Boston, MA
 - 11:30 am [13] Neonatal Intrahepatic Cholestasis Associated with Citrin Deficiency (NICCD). John Hicks, Houston, TX
 - 11:45 am [14] Cystic Fibrosis or CFTR-Related Metabolic Disease (CRMS) a Diagnosis Obtained from Newborn Screening? Sidney M Hopfer, Farmington, CT
 - 12:00 pm [15] Newborn Screening for Severe Combined Immunodeficiency (SCID): A Pilot Study. Patricia Slev, Salt Lake City, UT
 - 12:15 pm [16] Pediatric Medical Renal Disease: 25 Year Retrospective Review at Texas Children's Hospital. Karen Eldin, Houston, TX
 - 12:30 pm [17] Villin Immunohistochemistry is an Optimal Method for Diagnosing Microvillous Inclusion Disease. Nick Schillingford, Boston, MA
- Luncheon sponsored by the Sections on
Clinical Science in Practice and
Clinical Molecular Biology & Genetics
Brandeis/Holmes Room
Chair: Roland Valdes, Jr.**
- 12:45 pm [18] Chronic Traumatic Encephalopathy in Athletes and Veterans. Ann C. McKee, Boston, MA
 - 1:55 pm Adjournment

Session C

Research Frontiers: Bench to Bedside
Kennedy Room

Chairs: Robert L. Hunter & Roger L. Bertholf

- 2:00 pm [19] SIDS and Serotonin. Hannah Kinney, Boston, MA
2:30 pm [20] The Tumor Suppressor WTX in Cancer and Development. Miguel Rivera, Charlestown, MA
2:45 pm [21] NUT Midline Carcinoma. Christopher French, Boston, MA
3:00 pm [22] The Future of Cancer Therapy – Targeting the Antecedents of Cancer Cells. Thomas J. Lewis, Boston, MA
3:30 pm Refreshments
3:45 pm [23] The Clinical and Population Genetics of TMPRSS6-Dependent Regulation of Systemic Iron Homeostasis. Mark Fleming, Boston, MA
4:00 pm [24] Pediatric MDS and Bone Marrow Failure. Inga Hofmann-Zhang, Boston, MA
4:15 pm [25] Stem Cell MicroRNA Regulation of Neuroblastoma. John Powers, Boston, MA
4:30 pm [26] Anaplastic Lymphoma Kinase (ALK) Tumor Vaccine in ALK+ Non Small Cell Lung Carcinoma (NSCLC). Roberto Chiarle, Boston, MA
4:45 pm [27] Mutations in *Lrp5* Improve Bone Density and Strength In A Mouse Model of Osteogenesis Imperfecta. Christina M. Jacobsen, Boston, MA
5:00 pm [28] DNA Aneuploidy by Image Cytometry is a Better Marker for Esophageal Adenocarcinoma. Qin Huang, Boston, MA
5:30 pm Adjournment
6:00 pm Young Fellows Section (see full announcement elsewhere)
Beantown Pub, 100 Tremont Street
7:30 pm Musicales rehearsal (organized by Myra L. Wilkerson) - Kennedy Room
7:30 pm Awards Committee meeting (Sidney M. Hopfer, Chair), Gardner Room
8:30 pm Nominating Committee meeting (Magali J. Fontaine, Chair), Gardner Room

Friday, 24 May (The Brigham & Women's Hospital)
(Bus leaves Hotel at 7:15 am)

Session D

Clinical Science in Practice

Department of Pathology, Cotran Conference Room
Chairs: Kilmer McCully & Kyle Kurek

- 8:00 am [29] Back to the Future: Pathology as the Foundation of Care. Jeffrey Alan Golden, Boston, MA
8:15 am [30] Utility of Lean in Clinical Laboratories. Stacy E.F. Melanson, Boston, MA
8:30 am [31] Mutational Profiling of Every Cancer Patient in an Institution. Laura MacConaill, Boston, MA
8:45 am [32] Molecular Diagnostics in Clinical Microbiology. Lynn Bry, Boston, MA
9:00 am [33] Laboratory Automation for High-Throughput Chemistry and Clinical Trials. Petr Jarolim, Boston, MA
9:15 am [34] Using Clinical Laboratory Informatics to Improve the Diagnostic Process. Anand S. Dighe, Boston, MA
9:45 am Refreshments

Session E

Tour of the Research Labs of The Brigham & Women's Hospital
Chairs: Juliana Szakacs & Kyle Kurek

- 10:00 am New Cardiac Biomarker panels in the Clinical Reference Lab for Research. Petr Jarolim, Boston, MA
10:22 am Next Generation Sequencing – Molecular Lab. Neal I. Lindeman, Boston, MA
10:45 am Molecular Microbiology Lab. Lynn Bry, Boston, MA
11:07 am Lean Workflow in the Lab. Stacey Melanson, Boston, MA
11:30 am Bus leaves to return to the Omni Parker House Hotel
12:45 pm Bus leaves the Omni Parker House Hotel for the optional tour of Boston waterfront and Museum of Fine Arts (open to participants and accompanying persons)
5:30 pm Bus leaves to return to the Omni Parker House Hotel

Annual Reception and Banquet
Alcott Room

(7:00 pm, the Omni Parker House Hotel)

- Toastmaster: Roland Valdes, Jr., Louisville, KY
Young Clinical Scientist Award presented by Sidney M. Hopfer to Joshua A. Bornhorst, Little Rock, AR
Young Clinical Scientist Award presented by Sidney M. Hopfer to Kristine E. Konopka, Houston, TX
Young Clinical Scientist Award presented by Sidney M. Hopfer to Lori M. Millner, Louisville, KY
Young Clinical Scientist Award presented by Sidney M. Hopfer to Frederick G. Strathmann IV, Salt Lake City, UT
Diploma of Honor presented by Charles D. Hawker to Vincent A. DeBari, South Orange, NJ
Clinical Scientist of the Year Award presented by Myra Wilkerson to Clive R Hamlin, Cleveland, OH
Gold Headed Cane Award presented by Roland Valdes, Jr. to John Savory, Charlottesville, VA
Banquet address: H. Eugene Lindsey, President and CEO, Atrius Health "Changes in Healthcare under the ACA and the Pioneer ACO"

Saturday, 25 May Omni Parker House Hotel

- 6:15 am Run-for-the-Lilies: 2.5- and 5-mile running/walking event organized by Robert Hunter & Consolato Sergi for the Committee on Athletics
7:00 am Breakfast meeting of the Membership Committee, Kilmer McCully, Chair

Session F

Poster Presentations
Kennedy Room

Chairs: Charles D. Hawker and Joshua Bornhorst

- 8:00 am [35] Mobile Computing Platform with Decision-support Modules for Hemotherapy. Richard Huang, Houston, TX
8:06 am [36] Pigmented Hepatocellular Adenoma: Microscopic and Morphoproteomic Correlates of Testosterone-Associated Oxidative Stress. Jennifer E. Dierksen, Houston, TX
8:12 am [37] Acute Megakaryoblastic Leukemia and Primary Mediastinal Germ Cell Tumor in a Patient with Benzene Exposure. Shakuntala Mauzo, Houston, TX

Session I

Cell & Tissue Pathology

King Room

Chairs: Dani Zander & Myra Wilkerson

- 8:18 am [38] Morphoproteomics Identifies Etoposide Resistance Signature in Neuroendocrine Carcinoma with Therapeutic Alternatives. Kristine Konopka, Houston, TX
- 8:24 am [39] Congenital Nephrotic Syndrome of Finnish Type with Nephtrin Mutation in Fraternal Twins. John Hicks, Houston, TX
- 8:30 am [40] Pigmented Macrophages in Pediatric Colonic Biopsies: Clinical Pathological Correlation. Alyaa Al-Ibraheemi et al, Houston, TX
- 8:36 am [41] Ehlers-Danlos Variant of Periventricular Nodular Heterotopia, and Severe Lung Disease: Report of a Case with Discussion of the Potential Molecular Mechanism. P. M. Rodriguez-Waitkus, Houston, TX
- 8:42 am [42] Lipomatous Hemangiopericytoma of the Sellar Region: Case report and Review of the Literature. Yoshua Esquenazi, Houston, TX
- 8:48 am [43] Antitumoral Effects of Metformin: Proteomics and Genomics of Neuroblastoma Cells. Priya Weerasinghe, Houston, TX
- 8:54 am [44] First Report of *Ehrlichia ewingii* infection involving human bone marrow. M. Brandon Allen, Little Rock, AR

- 1:30 pm [53] Molecular Characterization of Breast Cancer: Clinical Implication on Patients Management. Shahla Masood, Jacksonville, FL
- 2:00 pm [54] Morphoproteomics in Personalized Cancer Therapy: Concept and Proofs of Concept with Response and Resistance Signatures. Robert E. Brown, Houston, TX
- 2:30 pm [55] Sweet Dysgeusia: Is It Paraneoplastic? Bao T. Nguyen, Houston, TX
- 2:45 pm [56] Malaria and the Mitochondrial Connection between Cancer Metabolism and Stemness. Eshel Ben-Jacob, Tel Aviv, Israel
- 3:00 pm Refreshments

Session J

Cell & Tissue Pathology 2

King Room

Chairs: Kathleen A. Allen & Joseph C. Parker

- 3:15 pm [57] Histologic Evidence of Change in Inflammation Due to Isoniazid Hepatotoxicity. Anand Gourishankar, Houston, TX
- 3:30 pm [58] Pediatric Pulmonary Neoplasia: Current Perspectives. John Hicks, Houston, TX
- 4:00 pm [59] Morphoproteomics Characterizes Aberrant Crypt Foci and Adenomatous Polyp Formation in Familial Adenomatous Polyposis: A Case Report with Therapeutic Implications. Alyaa Al-Ibraheemi et al, Houston, TX
- 4:15 pm [60] Clonally Distinct Plasma Cell Neoplasms and Low Grade B-Cell Lymphomas in the Bone Marrow. Daniela Hoehn, New York, NY
- 4:30 pm [61] Cryopreserved Human Amniotic Membrane Scaffold (CAS) to Promote Healing of Iatrogenic Fetal Membrane Defect in A Swine Model. Ramesha Papanna, Houston, TX

Session G

Clinical Science in Practice

Kennedy Room

Chairs: Vincent A. DeBari & Lori M. Millner

- 9:00 am [45] Lipid Lowering and Anti-Atherosclerotic New Drug Based on Removal of Symbiotic Microbial Action. Maria Lourdes Higuchi, São Paulo, Brazil
- 9:15 am [46] The Eye as a Window to the Pathology of Chronic Diseases. Clement L. Trempe, Boston, MA
- 9:45 am [47] Services Provided by the National Prion Disease Surveillance Center. Clive R Hamlin, Cleveland, OH
- 10:00 am [48] Validation of an Automated Camera System to Identify Patient Name Mislabeled Specimens. Charles D. Hawker, Salt Lake City, UT
- 10:15 am Refreshments

(Sessions H, I, & J are concurrent with Sessions K, L, & M)

Session H

Dermatopathology Slide Seminar

King Room

Chairs: Magali J. Fontaine & Egil Fosslie

- 10:30 am [49] Update on Melanoma: Diagnosis and Management in the Molecular Era. Artur Zembowicz, Boston, MA
- 11:00 am [50] Potential Role of Inflammation and Loss of Sebaceous Glands in Scarring Alopecia. Stephen Lyle, Boston, MA
- 11:30 am [51] Loss of 5-Hydroxymethylcytosine is an Epigenetic Hallmark of Melanoma. Christine Lian, Boston, MA
- 12:00 pm Panel Discussion of member cases. Artur Zembowicz, Stephen Lyle, Christine Lian, Boston, MA

Luncheon sponsored by the Section on Clinical Science in Practice, Brandeis/Holmes Room

Chair: Juliana Szakacs

- 12:15 pm [52] Building the Lab in a Physician Group Practice ACO. Emily Brower, Joe Kimura, and Juliana Szakacs, Boston, MA

1:25 pm Adjournment

Session K

Clinical Pathology / Microbiology

Kennedy Room

Chairs: John Savory & Joseph A. Knight

- 10:30 am [62] From Tragedy to Triumph to Trepidation Antibiotics at Age 70. Stephen Brecher, Boston, MA
- 11:00 am [63] Archaea, Metalloprotease, Mycoplasma Pneumoniae and Plaque Vulnerability. Maria Lourdes Higuchi, São Paulo, Brazil
- 11:30 am [64] Alzheimer's disease a Spirochetosis. Past and Recent Evidences in Favor of Causality. Judith Miklossy, Martigny-Combe, Switzerland
- 12:00 pm [65] Evaluation of Two Respiratory Virus Panel Assays. Frederick L. Kiechle, Hollywood, FL
- 12:15 pm Luncheon recess listed following Session H

Session L
Clinical Science in Practice/ Toxicology
Kennedy Room
Chairs: Frederick L. Kiechle & Philip R. Foulis

- 1:30 pm [66] Case report: Zinc-induced Urinary Retention in a Patient with a Urethral Stricture. John Savory, Charlottesville, VA
1:45 pm [67] Potential Utilization of Serum Concentration to Screen for Alpha 1-Antitrypsin Deficiency. Joshua Bornhorst, Little Rock, AR
2:00 pm [68] Advancements in Analytical Methods for Immunosuppressive Drug Testing. Kamisha L. Johnson-Davis, Salt Lake City, UT
2:15 pm [69] High Prevalence of Multiple Autoimmune Antibodies in Type 1 Diabetes Mellitus Patients. Pai C Kao, Rochester, MN
2:30 pm [70] Subtyping Circulating Tumor Cells in Breast Cancer for Personalized Therapeutics. Lori M. Millner, Louisville, KY
2:45 pm [71] Diagnosing POEMS Syndrome: the Important Role of the Laboratory Practitioner. Stanley S. Levinson, Louisville, KY
3:00 pm Refreshments

Session M
Blood Banking and Transfusion Medicine
Kennedy Room
Chairs: Pai C. Kao & Gifford Lum

- 3:15 pm [72] Successful Clinical Management of Platelet Utilization in a Tertiary Teaching Hospital. Fouad Bactor, Manhasset, NY
3:30 pm [73] Comprehensive Coagulation Testing and Transfusion Algorithms for Management of Cardiopulmonary Bypass Coagulopathy. Andy Nguyen, Houston, TX
3:45 pm [74] Causes of Any-Cause Readmissions within 30-days of a Prior Heart Failure Hospitalization. Philip R. Foulis, Tampa, FL
4:00 pm [75] Fever, Hemolytic Anemia and Thrombocytopenia in a Patient with Transfusion Transmitted Babesiosis. Gifford Lum, Boston, MA
4:15 pm [76] A Novel Method for the Assessment of Lead Exposure in Pediatric Transfusions. Frederick G. Strathmann, Salt Lake City, UT
4:30 pm [77] Comparison of Vit D Measurement by the Siemens Immunoassay and 2 Separate LC/MS/MS Methods. Zakaria Ahmed, Boston, MA
4:45 pm Business Meeting of the Association, Kennedy Room
Roland Valdes, Jr., President

Musical and Art Show
Kennedy Room
7:30 pm
with wine and cheese reception during intermission.
Organized by Myra L. Wilkerson, Chair of the
Committee on Music and Fine Arts

Activities of the Auxiliary

Under the leadership of Gerry Savory, an excellent program for the Auxiliary has been planned for the Boston annual meeting. The activities include refreshments in Kathie Valdes' room Wednesday evening, a meeting and luncheon at the home of Nina McCully in Winchester on Thursday, a guided tour of the Massachusetts State House on Friday morning, and a Freedom Trail tour on Saturday morning including a luncheon at the 21st Amendment Restaurant. Check at the registration desk or with members of the Auxiliary for specific details on these planned events.

Inaugural Meeting and Dinner
Young Fellows Section
by Joshua Bornhorst

The inaugural meeting of the Young Fellows Section of the Association of Clinical Scientists will be held Thursday night during the annual meeting of the Association. At this informal gathering new and young members of this society will discuss the formation of a formal group within the Association and potential related leadership, mentoring, and publication opportunities. In addition, this is a great chance to get to know your peers as well as those on the Executive Committee. Although subject to revision, the tentative guideline for joining this group are all clinical scientists under the age of 40, in training, or within five years of completion of training.

The meeting will be held at 6 PM on Thursday May 23rd, at the Beantown Pub, 100 Tremont Street, Boston. This classic pub is on the Freedom Trail in downtown, about two blocks from our hotel. Sign up at the meeting for a mere \$10, which will cover food and appetizers. The organizational portion of the meeting will likely be finished by 8 or so, but there will likely be further "networking" after that. Hope to see you there.

Run-for-the-Lilies

The *Run-for-the-Lilies*, an annual 2.5 or 5.0 running and/or walking event, will be held at 6:15 am on Saturday morning. It is being organized by the Athletics Committee (Consolato Sergi, Chair and Robert Hunter) and will likely be along a portion of Boston's famous Freedom Trail.

Meeting Registration

The regular full registration fee is \$535. Emeritus Members, Junior Members, and non-member residents or post-doctoral fellows may pay a reduced fee (\$275). The registration includes a ticket to the reception and banquet on Friday evening. Extra banquet tickets are \$95. The two luncheon seminars are \$40 each. Tickets to the Friday afternoon tour of the Boston waterfront and the Museum of Fine Arts are \$50. Residents and fellows presenting papers will receive a complimentary registration for that day, but this excludes tickets to the luncheons, banquet, or tour.

In order to obtain Continuing Medical Education (CME) credits, one must register for the full meeting (the two options above). One day complimentary registrations without any CME are permitted for speakers attending just the day of their lecture. To obtain this registration send an email to the Association's email address clinsci@sover.net. Please provide your full contact information. This complimentary registration is not available through the Online registration system noted below.

Hotel Accommodations

The Omni Parker House Hotel, 60 School Street, Boston, MA 02108, phone (617) 227-8600, fax (617) 742-5729 is the headquarters hotel for the meeting and most activities. This grand luxury hotel has been symbolic to Boston's rich history and culture since 1855. Old world charm and elegance are accompanied by all of the modern conveniences of a world-class establishment. Nestled in the heart of downtown Boston, the Omni Parker House is located along the Freedom Trail and at the foot of Beacon Hill, Boston Common, Quincy Market and Faneuil Hall marketplace. It is only a short walk to Boston Harbor. Parker's Restaurant is the home of the Parker House Roll and the Boston Cream Pie.

The Parker House Hotel is a 100% non-smoking luxury hotel. In 2012 it was rated "Highest in hotel guest satisfaction among upper-upscale hotel chains" by JD Power and Associates and lists numerous other awards and accolades on its website, such as being voted "Best place for rekindling romance" by CBS Boston.

The special convention rate will be \$245/room (single or double) plus taxes and fees (currently, 14.45%). The cut-off date for room reservations at the guaranteed conference rate is Wednesday, May 1, 2013.

The Omni Parker House hotel has established a link on their web site through which you can obtain your hotel reservations for our meeting:

<http://www.omnihotels.com/FindAHotel/BostonParkerHouse/MeetingFacilities/AssociationofClinicalScientistsConference5.aspx>

Please do not wait until the last minute to obtain your room.

Boston is a destination of great attraction. In contrast to our meetings in Louisville and Mobile when our hotels graciously extended our reservation period, one should not assume the Parker House will be so inclined. The rack rate if you miss the cut-off date is currently \$279 plus taxes and fees.

Transportation

The hotel does not provide shuttle service from Boston Logan International Airport. However, the airport is only 2.3 miles (10 minutes, depending on traffic) from the hotel. Local taxi cabs are recommended and the fares will range from \$20-28 depending on traffic.

Proposed Bylaws Amendment

The Executive Committee recently determined that the Association's membership categories required revision in order to clarify membership categories for younger scientists who would be fully qualified to become Fellows upon completion of their training. The current Bylaws called these individuals Junior Members, whereas those not holding a doctoral degree were called Associate Members. The Executive Committee has approved a proposed Bylaws change in which doctoral scientists in training will be called Associate Fellows and clinical scientists without a doctoral degree will be called Members. The membership will be asked to vote on this proposed change in Boston at the Business Meeting. Changes from the current Bylaws are in red.

Article V. Membership

Section 1. Membership Categories: The membership of the Association consists of (a) Fellows, (b) **Associate Fellows**, (c) **Members**, and (d) Emeritus Fellows.

Section 2. Fellows: Scientists who have received an **earned** doctoral degree, and, who, through publications, practices or activities, have demonstrated an interest **and expertise** in clinical science are eligible to become Fellows. Fellows have full membership rights; they may vote, hold office, and be members of committees. They pay the Fellowship enrollment fee and Fellowship dues, **which includes** a subscription to the *Annals of Clinical and Laboratory Science*.

Section 3. **Associate Fellows: Clinical Scientists who hold an earned doctorate but who are still in a postdoctoral training program. This category includes graduate medical trainees (residents and clinical fellows) and postdoctoral research fellows. Associate Fellows have voting rights and may serve on committees but they are not eligible to hold elective office in the Association. They pay the Associate Fellow enrollment fee and dues, which includes a subscription to the *Annals of Clinical and Laboratory Science*. Upon completion of their training, they may apply for Fellowship in the Association, as described in Section 2, above.**

Section 4. **Members: Scientists who have all the qualifications of a Fellow with regard to publications, practice and activities and who have demonstrated an interest and expertise in clinical science but who do not hold an earned doctorate. Members, however, must hold, minimally, a baccalaureate degree. Members have voting rights and may serve on committees, but they are not eligible to hold elective office in the Association. They pay the same enrollment fee and dues as Associate Fellows, which includes a subscription to the *Annals of Clinical and Laboratory Science*. Upon completion of the requirements for an earned doctorate, while in postdoctoral training, they may apply for Associate Fellowship as described in Section 3, above. Non-physician scientists who forego postdoctoral training (e.g., take employment in industry) are required to have the equivalent of three years of employment before they are eligible for Fellowship in the Association, as described in Section 2, above.**

Section 5. Emeritus Fellows: Fellows who have attained the age of 70 years, and have been active members for ten years or longer, may be granted Emeritus status. Under special circumstances, deemed appropriate by the Executive Committee, the requirement of an age of 70 years for transfer to Emeritus may be waived. **Emeritus fellows have all the rights and privileges of Fellows, as described in Section 2 above, but are not required to pay dues. They are eligible for an on-line subscription to the *Annals of Clinical and Laboratory Science*. There is no Emeritus category for Members.**

ASSOCIATION OF CLINICAL SCIENTISTS

Registration Form for the Annual Meeting in Boston, MA, May 22-25, 2013

Last Name	First Name	Initial	Degree
Institution		Street Address	
City	State	Zip	
Telephone #	Fax #	e-mail address	

	No. of Persons	Charge (\$)
Meeting Registration (\$535 Full Registration, Members or Non-Members) (includes one ticket to the Reception and Banquet)	_____	_____
Meeting Registration (\$275, Full Registration, Emeritus, residents, fellows, trainees) (includes one ticket to the Reception and Banquet)	_____	_____
Complimentary One day Registration for Speakers (excludes banquet and CME)	_____	gratis
Thursday Lunch – Sponsor: Section on Cell & Tissue Pathology (\$40)	_____	_____
Friday Afternoon - Special Excursion to Boston waterfront and the Museum of Fine Arts (includes box lunch) (\$50)	_____	_____
Friday Evening - Additional Guest Ticket for Reception and Banquet (\$95)	_____	_____
Saturday Lunch - Sponsor: Section on Clinical Science in Practice (\$40)	_____	_____
Saturday Evening - Musicale & Art Show, with wine and cheese reception (gratis)	_____	gratis
TOTAL PAYMENT ENCLOSED:	_____	_____

Payment options: (Cancellation with full refund will be accepted until 22 April 2013.)

1. Mail this form with a check, payable to Association of Clinical Scientists,
6431 Fannin Street, MSB2.292 Houston, TX 77030
2. Charge American Express, Visa, or MasterCard (circle which one and complete the blank lines) and fax this form to
(713) 344 1144 or (713) 500-0732.
3. Register on-line (available after January 15, 2013) on the Association website at www.clinicalscience.org.

Credit card type (circle one): Visa MasterCard American Express

Card number _____

Security code (CVV) _____ Expiration date _____

Name on the card _____

Address _____

City _____ State (Province) _____

Country _____ Postal (Zip) code _____

Signature _____

ANNOUNCEMENT OF MEMORANDUM OF UNDERSTANDING WITH ASCP

Dear Fellows of the Association:

We have Good News! Several months ago our Executive Committee was approached by the American Society for Clinical Pathology (ASCP) with the suggestion that the ACS consider partnering with them in a relationship that would benefit both associations as we consider the future of pathology and laboratory medicine. After months of deliberations, a Memorandum of Understanding (MOU) was prepared that set the stage for a partnering relationship involving activities of benefit to both organizations and services that the ASCP would provide the ACS in exchange for an annual fee.

At its meeting in Boston on November 30, 2012, the members of the Executive Committee who were present, (Roland Valdes Jr, Charlie Hawker, Roger Bertholf, Kilmer McCully, Vince DeBari, Robert Hunter and Nina Tatevian), voted unanimously to authorize signing of the MOU. As a result, both ASCP and ACS have now executed the agreement. All of us will be hearing more on this in a press release to be distributed soon and our Executive Committee wanted to alert you to be attentive to the announcements.

It should be emphasized that the Association retains full control of its operations, finances, annual meeting, journal, and other professional activities. We are simply purchasing some services from ASCP in an effort to manage better our operations within our limited budget, and we are using the power of ASCP to send our meeting announcements to a broader audience and to help with recruiting additional members.

This new path for the ACS represents an incremental positioning for our future that is anticipated to increase our membership of active Fellows, provide financial stability, establish logistical continuity for serving our members, and develop new educational and scholarly areas of activity for the ACS and its Fellows.

Respectfully,

Roland Valdes Jr.
President

ASSOCIATION OF CLINICAL SCIENTISTS
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