



Clinical Science Trumpet

Newsletter of the Association of Clinical Scientists

Kamisha L. Johnson-Davis, PhD, DABCC (CC, TC), FACB, FACSc, Editor

Vol 38, No 1—January 2018

ACS 2018 Annual Meeting: Houston, TX

May 16-19, 2018

Houston Marriott Medical Center/
Museum District

The 138th Meeting of the Association of Clinical Scientists will be held in Houston, Texas, on May 16th through 19th, 2018. It is being hosted by the Program of Diagnostic Genetics, The University of Texas MD Anderson Cancer Center, School of Health Professions. The meeting theme will be “Genomic Medicine.” The Program Committee Co-Chairpersons, **Awdhesh Kalia, PhD** and **Peter Hu, PhD**, along with Program Committee members **Robert Hunter, MD, PhD**, **John Hicks, MD, DDS, PhD**, and **Roger Bertholf, PhD** cordially invite you to plan to attend another outstanding Association meeting.

The highlights feature two distinguished “keynote” lectures plus a distinguished banquet speaker, a Friday half day session at the MD Anderson Cancer Center, including tours of various anatomic and clinical pathology laboratories and School of Health Professions teaching laboratories, and a special optional bus tour on Friday afternoon for participants and spouses to visit the NASA Space Center Houston, which will include special tours not normally available to the general public. These exclusive tours are of the Mars Control Center and the NASA Buoyancy Pool.

TWO KEYNOTE SPEAKERS

The Abraham J. Gitlitz Memorial Lecture will be presented by **Andy Futreal, PhD**, Chair and Professor of the Department of Genomic Medicine, and the Robert A. Welch Distinguished University Chair for the University of Texas MD Anderson Cancer Center. Dr. Futreal will present *Cancer Heterogeneity: Challenges and Opportunities for Clinical Impact*.

The Claude P. Brown Memorial Lecture will be presented by **Stanley R. Hamilton, MD, FCAP, AGAF**, a Professor and the Head of Pathology and Laboratory Medicine at The University of Texas MD Anderson Cancer Center. His talk is entitled *The Road to Precision Oncology: Are We There Yet?*

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Last call for abstracts

see page 2 for more information

Page 2 — Last Call for Abstracts
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Also, click any green text to jump to more information.

Last Call for Abstracts

— due by Fri., Jan. 26th

ACS invites members and guests to present their research

The deadline for submission of abstracts for the 2018 meeting is Friday, January 26, 2018.

In order to complete an abstract, please carefully follow the [instructions on the linked ACS 2018 Submission Form](#).

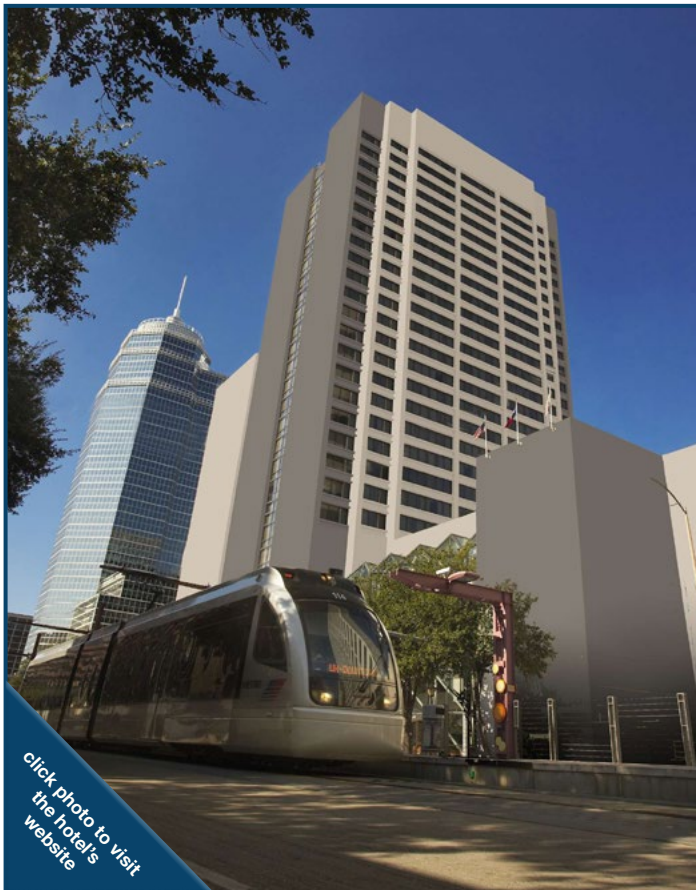
Additional information regarding Abstract submittal, Annual Meeting Travel Grants, and the Association's Young Clinical Scientist Award is [on page 7](#).



Andy Futreal,
Ph.D.

Stanley R. Hamilton,
M.D.

C. Thomas Caskey,
M.D.



click photo to visit
the hotel's
website

Houston Marriott Medical Center, Houston, Texas

2018 in Houston...

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FRIDAY RECEPTION AND BANQUET

The Association's annual reception and banquet will be held on Friday evening and will include a presentation of the Association's annual awards, including the Clinical Scientist of the Year (Sunderman Award), the F.W. Sunderman Jr. Diploma of Honor, and the Young Clinical Scientist award.

The banquet speaker will be **C. Thomas Caskey, MD, FACP, FACME, FRSC**, Professor in the Department of Molecular & Human Genetics–Baylor College of Medicine and the Director of Precision Medicine for the Young Presidents Organization. He is the past CEO of Brown Foundation Institute of Molecular Medicine at UTHSC–Houston, past senior Vice President of Human Genetics and Vaccines Discovery at Merck Research Laboratories, and past president of Merck Genome Institute. His talk is entitled *Precision Medicine Reduces Genetics Disease Risk*.

REGISTRATION NOW OPEN

Registration is now open on the [Association's website: www.clinicalscience.org](#). Note that the main registration fees have been reduced.

THE HOTEL

The hotel for the Association's 138th Meeting is the **Houston Marriott Medical Center**, 6580 Fannin Street, (Driveway Entrance on 1730 Dryden Road), Houston, TX, 77030. Enjoy thoughtful services and upscale amenities at Marriott Houston Medical Center, and situated on the MetroRail across the street from the largest medical center in the world. Hunger may be appeased with regionally-inspired cuisine paired with premium libations at the on-site restaurant, Driscoll's. Retreat back to ultimate relaxation in newly remodeled guest rooms or the concierge lounge. During free time, discover attractions such as the Museum of Natural Science, Houston Zoo, Hermann Park and Rice University, all less than two miles away. The hotel boasts five stylish event rooms with nearly 9,000 sq. ft. of combined space.

The Association's contracted room rates for the 138th Meeting are \$139.00 Standard Guest Room with 17% applicable state and local taxes. The hotel's phone number is (713) 796-0080 and the website URL is <http://www.marriott.com/hotels/travel/houmc-houston-marriott-medical-center/>. Be sure to mention the Association of Clinical Scientists meeting when making reservations to get the discounted rates.

Valet Parking fee: \$28 USD daily.

Self Parking is available in the Scurlock Towers Garage; Entrance on 6535 Main Street. Fee: \$13 USD daily, no in/out privileges.

TRANSPORTATION

Houston is served by two major airports:

William P. Hobby Airport – HOU is 13.4 miles NW

Hotel does not provide shuttle service.

- Estimated taxi fare: \$40 US (one way).

George Bush Intercontinental Airport – IAH is 24 miles SW

Airport Phone: +1-281-230-3000

Hotel does not provide a shuttle service.

- Estimated taxi fare: \$65 US (one way).

For alternate transportation, both **HOU** and **IAH** are serviced by

SuperShuttle Service (www.supershuttle.com)

fee: \$25 US (one way), reservation required.



Preliminary Program

Tentative, subject to change. All events at Houston Marriott Medical Center unless otherwise noted.

Wednesday, May 16, 2018

2:30–5:30 p.m. Executive Committee meeting,

2:00–5:30 p.m. Registration

Thursday, May 17, 2018

7:00–5:00 p.m. Registration

7:00–8:00 a.m. Membership and Mentoring Committee breakfast

7:00–8:00 a.m. Continental Breakfast

8:00–8:15 a.m. Opening remarks:
Awdhesh Kalia and **Peter Hu**, Program Committee Co-Chairs
Robert Hardy, President ACS

8:15–9:00 a.m. Abraham J. Gitlitz Memorial Lecture:
Andy Futreal, MD Anderson Cancer Center

Scientific Session I: Genomic Medicine (Oncology)

Moderator: T.B.D.

9:00–9:20 a.m. **Karina Eterovic**, MD Anderson Cancer Center

9:20–9:40 a.m. Speaker: T.B.D.

9:40–10:00 a.m. **Sean Post**, MD Anderson Cancer Center

10:00–10:30 a.m. Morning Break

Scientific Session II: Microbiome in Health and Disease

Moderator: T.B.D.

10:30–11:00 a.m. **Ruth Ann Luna**, Texas Children's Hospital

11:00–11:30 a.m. **Galloway Pena**, MD Anderson Cancer Center

11:30–12:00 p.m. **Nadim Ajami**, Baylor College of Medicine

12:00–1:30 p.m. Lunch Break:
Samuel Shelburne, MD Anderson Cancer Center

Scientific Session III: Submitted Abstracts

Moderator: T.B.D.

1:00–3:00 p.m. Podium presentations

3:00–4:00 p.m. Poster Session/Coffee Break

4:00–5:00 p.m. Podium presentations

5:00 p.m. **Session ends**

Evening

5:30–7:00 p.m. Opening Reception

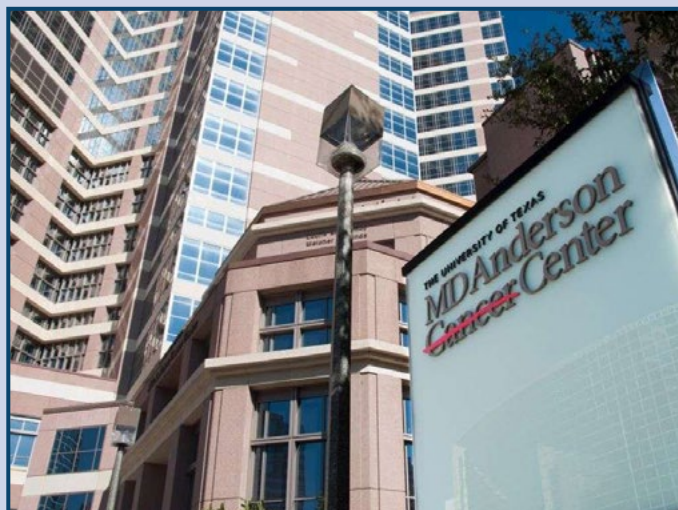
7:30–9:00 p.m. Musicale Rehearsal

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Grand Ballroom set up for Conference speakers and attendees

The MD Anderson Cancer Center, Houston, Texas



For PDF users, click the **bold-face text** of a presenter's name to link to additional information.

Friday, May 18, 2018

- 7:15 a.m. Depart for MD Anderson Cancer Center (5 min. walk)
- 7:30–8:00 a.m. Continental Breakfast, Onstead Auditorium

Session IV: Molecular Pediatric Oncology

Moderator: T.B.D.

- 8:00–8:45 a.m. **Lola Lopez-Terrada**, Texas Children's Hospital
- 8:45–9:30 a.m. **Angshumoy Roy**, Texas Children's Hospital
- 9:30–10:00 a.m. Break - get ready for Tour
- 10:00–11:00 a.m. Tour of MD Anderson Cancer Center
- 10:00–11:10 a.m. Walk back to Marriott Hotel
- 11:30 a.m. Bus departs Hotel to NASA (Box Lunches)

Afternoon – Tour NASA

- 12:15 p.m. Arrive NASA
- 4:30 p.m. Depart NASA
- 5:15 p.m. Arrive at Hotel

**Evening**

- 6:00–7:00 p.m. Cocktail Reception
- 7:00–9:00 p.m. Awards Banquet and Speaker **Thomas Caskey**, Baylor College of Medicine

Saturday, May 19, 2018

- 7:00–8:00 a.m. Continental Breakfast

Session V: Hematological Malignancies

Moderator: T.B.D.

- 8:00–8:20 a.m. **Keyur Patel**, MD Anderson Cancer Center
- 8:20–9:20 a.m. Podium presentations
- 9:20–9:40 a.m. Coffee Break
- 9:40–10:20 a.m. Claude P. Brown Memorial Lecture, : **Stanley R. Hamilton**, MD Anderson Cancer Center

For PDF users, click the **bold-face text** of a presenter's name to link to additional information.

Session VI: Submitted Abstracts

Moderator: T.B.D.

- 10:20–12:00 p.m. Podium presentations
- 12:00–1:30 p.m. Lunch and ACS Business Meeting (Members only)

Session VII & VIII: Split Concurrent Sessions**Session VII: Clinical Pathology topics**

Moderator: T.B.D.

- 1:30–1:50 p.m. **Randy Chu**, MD Anderson Cancer Center
- 1:50–2:10 p.m. **Xiqi Li**, MD Anderson Cancer Center
- 2:10–2:30 p.m. **Emily Welebob**, Texas Children's Hospital
- 2:30–2:50 p.m. **Mehrdad Rajaei**, Baylor College of Medicine
- 2:50–3:10 p.m. **Ashley Hayden**, MD Anderson Cancer Center
- 3:10–3:30 p.m. Coffee Break
- 3:30–3:50 p.m. **Stephanie Zalles**, MD Anderson Cancer Center
- 3:50–4:10 p.m. **Wenrui Ye**, MD Anderson Cancer Center
- 4:10–4:30 p.m. **Brette Hannigan**, MD Anderson Cancer Center
- 4:30–4:50 p.m. **Ruizhi Duan**, MD Anderson Cancer Center

Session VIII: Anatomic Pathology topics

Moderator: T.B.D.

- 1:30–1:50 p.m. **Sridevi Devaraj**, Texas Children's Hospital
- 1:50–2:10 p.m. **Helen Mata**, Texas Children's Hospital
- 2:10–2:30 p.m. **Cheng Peng**, MD Anderson Cancer Center
- 2:30–2:50 p.m. **Pei Zhao**, Baylor College of Medicine
- 2:50–3:10 p.m. Podium presentations
- 3:10–3:30 p.m. Coffee Break
- 3:30–4:50 p.m. Podium presentations

Session Ends

- 5:00–5:15 p.m. Investiture of 2018-19 Officers
- 5:30–7:00 p.m. Dinner on your own
- 7:00–9:00 p.m. Musicale (wine, beer, hors d'oeuvres at intermission)

Association of Clinical Scientists

Registration for 138th Meeting, Houston, TX, May 16–19, 2018

Note the reduced fees

ATTENDEE INFORMATION

Last Name	First Name	Initial	Degree(s)
Institution		Street Address	
City	State	Postal/Zip Code	Country
Telephone Number	Fax Number	Email Address	

	Unit Price	Number of Persons	Amount Charged
Regular Full Meeting Registration For all Fellows of the Association and non-members attending the full Meeting; includes one banquet ticket and continuing education credits, if desired.	\$475	_____	_____
Meeting Registration, Emeritus, Assoc. Fellows & Trainees For all Emeritus or Associate Fellows of the Association and all trainees, residents, and Fellows attending the full Meeting; includes one banquet ticket and CE credits, if desired.	\$200	_____	_____
Meeting Registration, Complimentary For all speakers only attending the meeting for the day of their lecture; excludes CE, banquet and luncheon tickets	\$0	_____	_____
Single Day Registration For either Thursday or Saturday; includes luncheon and continuing education credits if desired	\$200	_____	_____
Luncheon Seminar, Thursday, May 17 Complimentary for all attendees with Regular Full Meeting Registration (please indicate attendance for headcount estimation)	\$0	_____	_____
Friday Afternoon NASA Tour, May 18 (see program) NOTE: this tour includes two special "back stage" events not open to the public. Provide a copy of your Driver's License or Passport to the ACS office no later than two weeks prior to the Conference. Price includes bus and box lunch.	\$50	_____	_____
Extra Banquet Tickets, Friday, May 18	\$95	_____	_____
Musicale, with Wine and Cheese Intermission Complimentary for all attendees (please indicate attendance for headcount estimation)	\$0	_____	_____
Include Renewal of Dues (Fellows)	\$225	_____	_____
Renewal of Dues (Assoc. Fellows)	\$50	_____	_____
Total Payment Enclosed		_____	_____

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Association of Clinical Scientists

Registration for 138th Meeting, Houston, TX, May 16–19, 2018

PAYMENT OPTIONS

Cancellation with full refund will be accepted until April 6, 2018.

1. Register securely on-line at <http://www.clinicalscience.org/annualmeeting.html#Registration>.
2. Complete and mail this form (copy/print both sides of form) with a check, payable to Association of Clinical Scientists, or with credit card information, to Association of Clinical Scientists, 6431 Fannin Street, MSB2.292, Houston, TX 77030
3. To charge using American Express, Visa, or MasterCard, call the ACS office at (713) 500-5381, Mon–Fri, 8:00 a.m.–5:00 p.m. Central Time. You may also fax this form with your credit card information to our secure Fax at (713) 500-0732.

CREDIT CARD INFORMATION

Credit card type
(check only one)

Visa

MasterCard

American Express

Card number

Security code (CVV)

Expiration date (mo/yr)

Name on the card

Billing Address

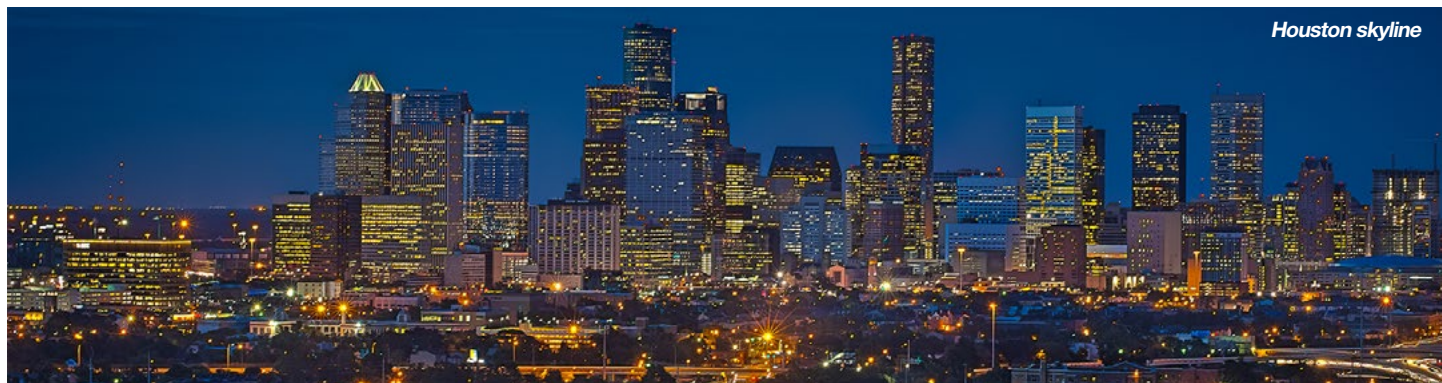
City

State (Province)

Country

Postal (Zip) Code

Signature



Abstract Instructions

Abstract Submission for the 2018 Annual Meeting is now available by clicking on the link below. Please note that all authors listed on each abstract must complete and sign the Disclosure of Relevant Financial Relationships form which is part of the Abstract Instructions. The deadline for submission of abstracts is Friday, January 26, 2018.

Important note: authors must specify on page 2 of the form whether the abstract is being submitted for oral presentation only, poster presentation only, or either oral or poster at the discretion of the Program Committee.

If you are age 45 or younger, regardless of whether you are a member of the Association, you are eligible to be considered for the annual Young Clinical Scientist Award, which is based upon presentations at the Annual Meeting. In addition to being age 45 or younger, if you are either a trainee (fellow, resident, etc.) or an early career professional, you are also eligible to be considered for one of four travel grants (see detailed description below). Please check the box on the abstract submission form to indicate that you are age 45 or younger and wish to be considered for either the Young Clinical Scientist Award or one of the travel grants.

2018 ABSTRACT SUBMISSION INSTRUCTIONS:
<http://www.clinicalscience.org/annualmeeting.html#Abstract>

2018 Travel Grants

The Association of Clinical Scientists will award a total of four \$500 **travel grants** (two each in the two categories described below) to individuals age 45 or younger based on the quality of their submitted abstract. The Association's Awards Committee reviews all of the abstracts and determines the recipients of these four awards.

YOUNG INVESTIGATORS

This program is designed to encourage young investigators to consider a career in academic laboratory medicine. The travel award's purpose is to offset some of the costs associated with attending our annual meeting. Residents, fellows, and students in a doctoral program in health sciences, participating in research with a member of ACS, or sponsored by an ACS member are eligible. Students in programs leading to non-doctoral degrees conducting research with an ACS member may be considered upon written request from the ACS sponsor to the chair of the Young Investigator Awards Program. The award winner will be recognized at the meeting, give a podium presentation, and receive a \$500 award to be used to defray the cost for the subsequent Association meeting with waived registration fee.

EARLY CAREER PROFESSIONAL IN PATHOLOGY OR CLINICAL SCIENCES

This program is designed to encourage professionals early in their career to attend our annual meeting, share their research, and network with the membership. Clinical scientists or pathologists within the first five years of practice, subsequent to their training, are eligible for this award. The award winner will be recognized at the meeting, give a podium presentation, and receive a \$500 award to be used to defray the cost for the subsequent Association meeting with waived registration fee.

New Scientific Section

The Executive Committee has endorsed the formation of a new scientific section: Medical Error Reduction. The mission of this section is to "Improve quality in medicine and reduce diagnostic error in the delivery of patient care." This is being done with the intention of highlighting our organization nationally by increasing our visibility.

The complexities of diagnosis, which are at the intersection of cognitive and technology have a degree of uncertainty and risk. The diagnostic process has become more difficult with the growth in knowledge, diagnostic tools and treatment options. Laboratory medicine contributes a significant component to both the solution and the problem. Since much of diagnostic process involves the laboratory, pathology can assist in mitigating diagnostic error.

Initially there are six goals:

1. Promote laboratory medicine in 'The Coalition to Improve Diagnosis'.
2. Assist with the Association of Clinical Scientists' Annual meeting in providing expertise and direction
3. Promote the Association of Clinical Scientists as a Pathology Resource to other organizations
4. Explore opportunities to partner with other organizations to decrease diagnostic error
5. Educate our membership in the ongoing national effort to reduce diagnostic error
6. Encourage publication of diagnostic error successes in the ACS journal

Please e-mail **Philip Foulis, MD, MPH, FACSc** at philip.foulis@va.gov if you have questions, suggestions or wish to actively participate in this exciting new scientific section.

Future ACS Meetings

2019: Hershey, PA (tentative)

Dr. Keri Donaldson, Program Co-Chair
Dr. Myra Wilkinson, Program Co-Chair

2020: Banff, Alberta, Canada (tentative)

Dr. Kyle Kurek, Program Chair

Interview: Dr. Roger Bertholf

The Young Fellows Section arranges interviews between Young Fellows and more senior Fellows. Young Fellows can obtain scientific and career advice from a senior member who may offer valuable guidance. Below is an interview between Kamisha Johnson-Davis, PhD (Young Fellow) and Roger L. Bertholf, PhD.

Kamisha Johnson-Davis: Where did you grow up? Where did you train and what was your first professional job after your training?

Roger Bertholf: I grew up in Daleville, a small town just north of Roanoke in the Blue Ridge Mountains of Virginia. I trained at the University of Virginia under Dr. John Savory, and my first professional job was as an assistant professor in the Department of Pathology, Immunology, and Laboratory Medicine at University of Florida College of Medicine.

Johnson-Davis: When and how did you discover your career interest in science and laboratory medicine?

Bertholf: I had a very good high school chemistry teacher, Mrs. Arlene Bell, and I credit her with stimulating my original interest in the physical sciences. I got interested in laboratory medicine when I was a graduate student in analytical chemistry working under Dr. Brian Renoe.

Johnson-Davis: Tell me about your career progression from the early years until now. Did your career progression exceed your expectations?

Bertholf: My career progressed along a fairly typical path in academics. I began as an assistant professor at University of Florida in 1988, a time when tenure track appointments were the norm. In my fifth year on the faculty, I was promoted to associate professor and awarded tenure. It would be another 13 years before I was promoted to professor, and while that gap is not highly unusual, I had hoped it would occur earlier in my career.

Until January of 2017, the most unexpected thing about my career was that I'd spent it all at one institution. When I was a neuropathology research fellow at U.Va., Dr. Mary Herman advised me that academic careers typically involve at least one move; she and her husband, the eminent neuropathologist Lucien Rubenstein, had just relocated to Charlottesville from Stanford University. I did move from Gainesville to Jacksonville in 1994, but it was a transfer within the UF College of Medicine, so I don't consider it the same as changing employers.

The biggest change came in 2017, when I resigned from UF to accept a position at Houston Methodist Hospital. Looking back to when I first accepted a position at UF, I don't recall what my expectations were. I certainly hoped I would be successful, I hoped I'd be promoted, but all I can recall is that I was terrified whether I could survive in academics. To the extent that I did, I suppose I'd say my career exceeded my expectations.

Johnson-Davis: How has the ACS organization helped you in your career?

Bertholf: The first Association meeting I attended was in Charlottesville in 1983, while I was a graduate student in biochemistry. My mentor, John Savory, was close friends with Bill Sunderman Jr., dating back to their years together on the faculty at University of Florida. So I got introduced to both Dr.



Dr. Roger Bertholf

Sundermans at that meeting, but at that time I had no idea how influential they would be in my career. Although I occasionally attended the annual spring meetings of the Association, I didn't join until 1992, and I didn't start participating regularly in its meetings until 1999, when Bill Sunderman Jr. called to ask me if I would give a presentation at the upcoming meeting in Atlanta. From that point forward, my involvement in the Association grew until, in 2004, I became its president.

I don't think I could possibly count the number of ways the Association has helped me in my career. From the professional contacts I've made that provided references when I needed them, to the opportunity to hold office in a national organization, to the responsibility for organizing a professional meeting, to being honored with three of the Association awards, it is not an exaggeration to say that my activities in the Association are, to a significant degree, responsible for whatever success I have enjoyed in laboratory medicine.

Johnson-Davis: What advice would you give to someone starting out in their career in clinical chemistry/laboratory medicine? What advice would you give someone at the Associate Professor level in their career?

Bertholf: I will just share this anecdote: One day over 10 years ago there was a knock on my office door, and it was one of the Family Medicine faculty whom I'd never met before. He had a question about the urine drug screens we offered in the lab.

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Roger Bertholf

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We spent about an hour discussing various aspects of urine drug testing, from analytical methods to positive cut-offs to cross-reactivity to proper interpretation of positive and negative results. Out of that discussion grew a collaboration that to date has resulted in 13 peer-reviewed papers, 3 book chapters, and a handful of invited commentaries and presentations on drug testing in pain management. That one hour meeting in my office was, in a very real sense, a watershed moment in both of our careers, and it happened strictly by chance.

So my advice to residents and junior faculty is always the same: Never pass up an opportunity to make a professional acquaintance, because you never know where it might lead. One chance encounter may be just a casual discussion that is quickly forgotten, or it might be a spark that ignites a line of work that becomes central to your career. The wonderful thing about academics is that those opportunities are everywhere; you just have to be receptive to them.

Johnson-Davis: What impact did mentors have on your professional career? How did they influence you?

Bertholf: Mentors are the role models for professional conduct, which is the most fundamental and essential skill required for career success. I was fortunate to have had one of the best as my doctoral advisor and fellowship supervisor, Dr. John Savory. But I also benefitted greatly from other faculty with whom I worked at U.Va., such as Dr. Mike Wills, Dr. Dave Bruns, and Dr. Brian Renoe. My career was influenced by all of them, and many others. I learn something from my colleagues just about every day I show up for work, and it is not always a tidbit of information. Sometimes, it's just a perspective that I hadn't considered before, or an example of dignity and grace that I find helpful in my own personal and professional interactions. Every colleague is a potential mentor, because you can absorb the best of what they do.

Johnson-Davis: Describe the importance for faculty to be involved in National/International organizations and to have administrative responsibilities outside of your current institution.

Bertholf: I think about this the same way I thought about daycare when my children were little. Both my wife and I worked, so we had to arrange for daycare for our children, as do so many parents. It was a time when many argued that it was better for the mother to stay home and raise the kids, rather than expose them to an external daycare environment. My argument was, it is never too early for a child to begin learning social skills, and what better way to do that than to make sure they are around other children from a very early age? It is the same in the professional world: you can never have too many professional interactions, because every one of them teaches you something you can use to improve your own professional effectiveness. Professional organizations provide opportunities for many of these interactions, with the added benefit that your circle of colleagues on whom you can depend for advice is ever widening. Promotion and tenure in academia typically requires evidence of recognition at the national level, and becoming active in professional organizations is one of the best ways to achieve that.

Johnson-Davis: How did you develop your network of colleagues over the years?

Bertholf: I don't really think of it that way. I never set out to develop a "network of colleagues." In fact, the term sounds a little ego-centric to me, as though I have little black book with the names of those on whom I can call when in need! I prefer to think of it as becoming part of my colleagues' networks. I want my colleagues to know who I am, where I work, and my areas of professional interest. That happens over time, as you meet new people and have conversations with them. Often that happens spontaneously at scientific meetings, but it also occurs through activities within professional organizations, such as committees or task forces. That's why it is important to get involved. The more involved you are, the more people you will meet, and your network will naturally grow. Mostly what I've found is that the best way to include someone in your network is to be a part of theirs. ❖❖



The Young Fellows Section

The Young Fellows Section allows pathologists and scientists to connect with established leaders in clinical laboratory science, as well as to make positive impacts to ACS. Members have an opportunity to learn the ins and outs of an established organization and also to voice suggestions and new ideas. Our goal is to help expand the association by recruiting new members who have an interest in lab medicine and wish to connect with like-minded colleagues.



Tyler Yin

Several new and ongoing projects have been created to meet these goals. First, we have been awarded a Google Ad Grants account with a monthly stipend of \$10,000/month. This enables us to use Adwords for our website, annual meetings, our journal, and future activities or contents. Second, we have created a YouTube account as a way to showcase our annual meeting in Houston. In the future, we hope to upload videos of presentations that have great scientific merit or informative tutorials that are useful to students. Third, we are planning to update our website with new content that can aid both nascent and established professionals alike.

If you are interested in getting involved in any of these endeavors, please email Tyler Yin (d0yin001@louisville.edu) for more information.

YOUNG FELLOWS SECTION CHAIR:

DeLu (Tyler) Lin, PhD, FACS
Clinical Research Coordinator,
Department of Pathology and Laboratory Medicine
University of Louisville

email: d0yin001@louisville.edu

President's Corner

Greetings and Happy New Year! It is my honor to update you on important positive happenings in the ACS.

Annual Meeting

The 2018 ACS annual meeting is fast approaching and promises to be outstanding! The hotel is very close to MD Anderson Hospital and the facilities are first rate. The Program Committee Co-Chairpersons, **Awdhesh Kalia, PhD** and **Peter Hu, PhD**, along with Program Committee members **Robert Hunter, MD, PhD**, **John Hicks, MD, DDS, PhD**, and **Roger Bertholf, PhD** have put together an excellent program focusing on *Genomic Medicine, the Microbiome, and Molecular Pediatric Oncology*.



Robert Hardy

The Claude P. Brown Memorial Lecture is **Stanley R. Hamilton, MD**, Professor and Head of Pathology and Laboratory Medicine at The University of Texas MD Anderson Cancer Center and his talk will address the question: *The Road to Precision Oncology: Are We There Yet?*. Continuing with the theme of Precision Medicine, banquet speaker **C Thomas Caskey, MD** will deliver a talk entitled: "Precision Medicine Reduces Genetics Disease Risk." The Friday afternoon bus tour for participants and spouses will visit the famous NASA Space Center Houston and include tours of the Mars control room and NASA buoyancy tank which are NOT open to public. Please remember the deadline for submission of abstracts is Friday, January 26 and attendees will have the option of giving an oral presentation or a poster format. So mark your calendars for May 16-19, 2018, I look forward to seeing you at the opening session!

Reorganizing / Revitalizing

These are exciting times for the ACS as our committees are being streamlined and re-energized and leadership positions excel. **Dr. Tyler Yin**, who is one of our newest members, is now chairing the oversight committee for the **Young Fellows Section**. He has procured a \$10,000 per month Google Adwords grant which can be used to promote the ACS. Presently our ads are now live. One ad has the name of our association with a brief description and a link to our website. Another ad targets pathologists and clinical chemists in training to our website that contains useful study guide links. This has been done in addition to his work on starting a YouTube channel for the ACS to showcase the annual meeting in Houston and generate a video in which members highlight their experience as an ACS member.

The Trumpet, under the guidance of **Dr. Kamisha Johnson-Davis** as Editor as well as **Dr. Charlie Hawker** and his son, Michael, who does the graphics layout, continues to improve and is now a visual and literary pleasure to read.

Dr. Phil Foulis, our past president, has led the charge to join the Coalition to Improve Diagnosis, make Diagnostic Errors a part of our Annual meetings and has proposed a new Scientific Section entitled **Medical Error Reduction**, which the Executive Committee unanimously approved. Further details are available in this newsletter.

Drs. Josh Bornhorst and **Charlie Hawker** together with Executive Council members have been busy developing

an improved ACS leadership structure which I'm sure the membership will hear about at the annual meeting in Houston.

Dr. Myra Wilkerson who is a past president of our Association has graciously agreed to Chair the Awards Committee.

Membership

The Membership and Mentoring Committee under the leadership of **Dr. John Hicks** will be sending out a survey to determine the wants and needs of our members. Please complete this survey as it will help us direct our efforts to best serve the membership. Also please let me know if you would like to serve on a committee.

New Members

It is my pleasure to announce four new members since the September Newsletter and an overall increase of 10 new members in 2017.

Michael Laposata, Fellow
Henry Oh, Fellow

Satish Chandra Nair, Fellow
Penn Muluhngwi, Associate Fellow

If you have any comments, concerns or ideas you can contact me at: rohardy@uabmc.edu.

Sincerely,

Robert Hardy

Newsletter Trivia Question

The first person to email the correct answer will have their name mentioned in the following newsletter and the satisfaction of knowing they won. Please respond to, or if you have a trivia question you would like to submit, please email to Kamisha Johnson-Davis at: kamisha.johnson-davis@aruplab.com

PREVIOUS QUESTION Submitted by Stephen Roper, PhD
Regression analysis is a key component of method comparison studies. Which type of regression makes no assumption about the distribution of data and accounts for error in both the x- and y- variable?

ANSWER

Passing Bablok [<https://www.r-bloggers.com/deming-and-passing-bablok-regression-in-r/>]. No one submitted the correct answer.

CURRENT QUESTION

Hexokinase, which catalyzes the phosphorylation of glucose to form glucose-6-phosphate in the first step of anaerobic glycolysis, is used in a popular method to measure glucose in plasma. What other common method in a clinical laboratory uses hexokinase, and who is the method named after?

Submit your answer by email to Kamisha Johnson-Davis at: kamisha.johnson-davis@aruplab.com 📧

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New Members

FELLOW

Henry Saavedra Oh, Ed.D.
Associate Dean/Director
Education/Respiratory
California College San Diego
6602 Convoct Ct.
San Diego, CA 92111

Michael Laposata, M.D., Ph.D.
Professor and Chair
University of Texas-Galveston
Galveston, TX

Satish Chandrasekhar Nair, Bach.Med., Ph.D., M.B.A.
Director, Medical Research
Tawam Hospital School of Medicine
Box 15258
Al Ain, United Arab Emirates

ASSOCIATE FELLOW

Penn Muluhngwi, Ph.D.
Clinical Chemistry Fellow
University of Louisville
Louisville, KY 40245



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. The Auxiliary's goals are to:

- Encourage Association members to include spouses and significant others when attending annual meetings.
- Generate interest in attracting new members and sustaining existing members by developing an all-around educational and friendly environment.
- Cultivate long-lasting relationships among Association and Auxiliary members that evolve over the years.

At the Opening Reception, the Auxiliary's officers inform all Auxiliary members and spouses of the activities planned for the week. Over the following days, various social gatherings are planned along with organized tours and information highlighting points of interest in the host city. A general meeting of the Auxiliary is also held with all members welcome. 🍷🍷



Clinical Science Trumpet

Newsletter of the Association of Clinical Scientists

The Clinical Science Trumpet Newsletter is the official newsletter of the Association of Clinical Scientists and is published three times per year. Back issues may be viewed at <http://clinicalscience.org/news.html>

Announcements, commentaries, and news/photos of members are welcome. Please send to the Editor at: kamisha.davis@hsc.utah.edu

Publisher: Association of Clinical Scientists
Editor: Kamisha L. Johnson-Davis, PhD, DABCC, FACB, FACSc
Graphic Editor: Michael Hawker, MArch, MS, Adobe Cert. Associate

Lift off for the ACS Annual Meeting in Houston, TX, May 16-19, 2018



*Ground Control at NASA's
Space Center Houston*



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