



# Clinical Science Trumpet

Newsletter of the Association of Clinical Scientists

Charles D. Hawker, PhD, MBA, FACSc, FAACC, Editor

Vol 40, No 3—October 2020

## Virtual Meetings on Tap for the Association

### First Virtual Meeting November 13, 2020

“Problems and Challenges with  
COVID-19 Laboratory Testing”

*The Association of Clinical Scientists is pleased to announce its first-ever virtual symposium, to be held from 2:00 – 5:00 p.m. EST on Friday, November 13, 2020. This free program will feature four speakers, with a live Question and Answer session following each talk. The program was developed by a new committee, co-chaired by **Dr. Robert Hardy**, University of Alabama at Birmingham, and **Dr. Consolato Sergi**, University of Alberta.*

The program will be available using Zoom. Registration is required, but attendance is free of charge. Each speaker will participate in a 10-minute live Q&A following his/her talk. All talks and Q&A sessions will be recorded and archived on the Association's website so that registrants can retrieve them at a time of their own choosing. This will be especially beneficial for members and scientists whose schedules do not permit attendance at the time of the live program or who are in an inconvenient time zone.

Register now at no charge for this exciting program at:

[https://zoom.us/webinar/register/WN\\_oIN0qPYTjmJmHhZ13kkQA](https://zoom.us/webinar/register/WN_oIN0qPYTjmJmHhZ13kkQA)

#### SPEAKERS AND TOPICS

The speakers for this first ever virtual symposium presented by the Association of Clinical Scientists will be:

1) *Opening Remarks*, **Keri J. Donaldson, MD, MSCE, FACOP**, President, Association of Clinical Scientists;

2) *Epidemic and Pandemics Through the Centuries: A Historical Perspective*. **M. John Hicks, MD, DDS, PhD**, Baylor College of Medicine;

*continued on page 2*



Image courtesy of Getty Images

### ACS Postpones Louisville Annual Meeting from 2021 to 2022

With the COVID19 viral pandemic still raging through the United States, the Association recognized that May, 2021 would be too soon for its members and other interested scientists to be willing to risk air travel and a traditional in-person live meeting in a hotel. Accordingly, the contract with the Embassy Suites Louisville for May 2021 was cancelled and we hope it will be replaced with a new contract for May 2022. All planning that had begun for 2021 is still in place, which will enable **Dr. Roland Valdes** and the Program Committee to put together a strong meeting for 2022 in Louisville.



Louisville, Kentucky

Page 2	— Virtual Meeting Schedule; Speakers
Page 3	— President's Corner
Page 4	— Interview with Dr. Hopper
Page 6	— Newsletter Trivia Question; Grapevine
Page 7	— New Members; ACS Committees
Page 8	— Virtual Meeting Advertisement

## Virtual Meeting...

continued from page 1

- 3) *Development of Molecular Testing for SARS-CoV-2: Insights in Viral Infection Identification During Pandemic.* **James J. Dunn, PhD, D(ABMM)**, Texas Children's Hospital;
- 4) *Saliva Testing for SARS-CoV-2: A Game Changer and the Challenges That Come With It.* **Salika M. Shakir, PhD, D(ABMM)**, ARUP Laboratories and University of Utah School of Medicine;
- 5) *Serologic Testing for SARS-CoV-2: Much Ado About...Antibodies?* **Elitza S. Theel, PhD, D(ABMM)**, Mayo Clinic.

## SPEAKER PROFILES

### DR. KERI J. DONALDSON

**Keri J. Donaldson, MD, MSCE, FACOP**, President, Association of Clinical Scientists, is an Assistant Professor of Biochemistry and Molecular Biology; Assistant Professor of Public Health Sciences (Joint Appointment) as well as the Director of the CLIA Laboratory and The Institute of Personalized Medicine and Clinical Processing Specimen Laboratory at the Penn State Hershey College of Medicine, Penn State Health, Hershey, PA. He is the Founder and CEO of Prescient Medicine located in Hummelstown, PA, as well as CEO of Prescient Metabiomics, Chicago, IL. Dr. Donaldson is a graduate of Temple University School of Medicine, and the University of Pennsylvania, School of Medicine, Philadelphia, PA. He also holds an MSCE in Pharmacoepidemiology from the Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA.



Dr. Keri Donaldson

### DR. M. JOHN HICKS

**M. John Hicks, MD, DDS, MS, PhD**, is an attending pediatric pathologist at Texas Children's Hospital and Professor of Pathology and Pediatrics at Baylor College of Medicine in Houston Texas. He is also an Adjunct Professor at the University of Texas Health Science School of Dentistry. He has published over 500 peer-reviewed manuscripts and over 30 chapters in various fields of medicine. Dr Hicks is actively involved in collaborative translational and basic science research with colleagues at Texas Children's Hospital, Baylor College of Medicine, University of Houston, and MD Anderson Cancer Center. He is the immediate past president of the Association of Clinical Scientists and has held several leadership positions with Children's Oncology Group, Society for Pediatric Pathology, and Society for Ultrastructural Pathology. He is a strong advocate for the mission of the Association of Clinical Scientists.



Dr. John Hicks

## SCHEDULE

The schedule for the November 13 Virtual Symposium "Problems and Challenges with COVID-19 Laboratory Testing":

2:00 p.m. (EST)	<i>Opening Remarks</i> <b>Keri J. Donaldson, MD, MSCE, FACOP</b> President, Association of Clinical Scientists
2:05 p.m.	<i>Epidemic and Pandemics Through the Centuries: A Historical Perspective</i> <b>M. John Hicks, MD, DDS, PhD</b> Baylor College of Medicine
2:35 p.m.	Q & A
2:45 p.m.	<i>Development of Molecular Testing for SARS-CoV-2: Insights in Viral Infection Identification During Pandemic</i> <b>James J. Dunn, PhD, D(ABMM)</b> Texas Children's Hospital
3:15 p.m.	Q & A
3:25 p.m.	10- minute Break
3:35 p.m.	<i>Saliva Testing for SARS-CoV-2: A Game Changer and the Challenges That Come With It</i> <b>Salika M. Shakir, PhD, D(ABMM)</b> ARUP Laboratories and University of Utah School of Medicine
4:05 p.m.	Q & A
4:15 p.m.	<i>Serologic Testing for SARS-CoV-2: Much Ado About...Antibodies?</i> <b>Elitza S. Theel, PhD, D(ABMM)</b> Mayo Clinic
4:45 p.m.	Q & A
4:55 p.m.	<i>Closing Remarks</i> <b>Keri J. Donaldson, MD, MSCE, FACOP</b> President, Association of Clinical Scientists

Speaker abstracts and other program details may be found on the ACS website at:

<http://clinicalscience.org/annualmeeting.html#introduction>.

Registration is required to attend and it also includes access to archived content.

COVID-19 source image credit:  
CDC/ Alissa Eckert, MS; Dan Higgins, MAM - <https://phil.cdc.gov/Details.aspx?pid=23312>  
COVID-19 Composition credit: Michael C. Hawker, MArch, MS

**ASSOCIATION  
OF  
CLINICAL SCIENTISTS**



## DR. JAMES DUNN

**James J. Dunn, PhD, D(ABMM)**, is Director of Medical Microbiology and Virology Laboratories at Texas Children's Hospital and Associate Professor of Pathology and Immunology at the Baylor College of Medicine in Houston, Texas. He completed his Ph.D. in Pathology and Microbiology at the Nebraska Medical Center and did his post-doctoral fellowship in Medical and Public Health Microbiology at the University of Utah and ARUP Laboratories. He is board certified by the American Board of Medical Microbiology and is an active member of several national and regional microbiology organizations. Dr. Dunn's research interests include the development and implementation of clinical molecular diagnostic assays for viral and bacterial infectious diseases. He has largely focused on testing for clinical syndromes involving the respiratory tract, central nervous system, and gastrointestinal tract. He has assessed the utility of rapid diagnosis of infection for these conditions and their impact on patient management, infection control practices, and healthcare utilization.



*Dr. James Dunn*

## DR. SALIKA SHAKIR

**Salika M. Shakir, PhD, D(ABMM)**, is Medical Director of the Microbial Amplified Detection Laboratory at ARUP Laboratories and Assistant Professor of Pathology University of Utah School of Medicine. She completed a fellowship training in Medical and Public Health Microbiology through the University of Utah and ARUP Laboratories, Salt Lake City, UT and is a diplomate of the American Board of Medical Microbiology. Her research and academic interests focus on the implementation of novel molecular assays for pathogen detection in the clinical laboratory and effective utilization of these new diagnostic tests. Dr. Shakir's laboratory section specializes in women's health and sexually transmitted disease testing. Dr. Shakir has also successfully conducted several industry-sponsored clinical research projects for diagnostic assays/devices seeking FDA approval.



*Dr. Salika Shakir*

## DR. ELITZA THEEL

**Elitza S. Theel, PhD, D(ABMM)**, is Director, Infectious Diseases Serology Laboratory, Co-Director, Vector-Borne Diseases Laboratory Service Line, Associate Professor, Division of Clinical Microbiology, Department of Laboratory Medicine and Pathology, Mayo Clinic. Dr. Theel received her PhD in Medical Microbiology and Immunology at the University of Wisconsin-Madison and subsequently completed a Clinical Microbiology fellowship at Mayo Clinic in Rochester, MN. She is certified by the American Board of Medical Microbiology. She is also an Associate Professor of Laboratory Medicine and Pathology at Mayo Clinic. Her research interests include development and evaluation of novel methods for antibody and antigen detection as diagnostics, specifically for fungal and vector-borne diseases. More recently, for the last 9 months, she has been closely involved with the development and evaluation of over 15 different serologic tests for SARS-CoV-2 and has been integral in determining what assays should be used and for what purpose throughout the Mayo enterprise. Dr. Theel also spearheads an international laboratory outreach initiative in Belize, focused on increasing the in-country diagnostic testing capacity for vector-borne diseases and on enhancing the current quality assurance/quality control practices in clinical laboratories throughout the country.



*Dr. Elitza Theel*

# President's Corner

As I begin my tenure as President, we find ourselves in challenging times both personally and professionally. However, it has also provided an opportunity to grow and find new ways to interact with our members and society in general. Since travel restrictions have been in place and we do not have any idea about when they will be able to be lifted, the Association has brought together a team



*Dr. Keri Donaldson*

to implement a Symposium as an educational event in place of the annual in-person meeting. We are grateful to **Drs. Hardy, Hawker, and Valdes** for their leadership in developing this Symposium, as well as the full committee (roster listed on page 7). This Symposium will be held on November 13th and the information and registration are listed here in the newsletter. We invite you to join us for timely talks on COVID that will highlight the successes and challenges of laboratory medicine as we fight to combat this virus. Our sincere thanks go out to all those working on the front line during this crisis.

We are grateful to **Drs. Valdes and Hawker** for their invaluable assistance in working with the Embassy Suites due to the need to cancel the meeting that was to take place in Louisville. Due to their efforts, we will be able to hold the next in-person Annual Meeting in Louisville in 2022 if travel restrictions are lifted without a financial penalty.

The Association continues to enjoy financial stability and security even through changes in economics and we rely on our membership for support both financially and as collaborators. We are indeed fortunate to have members that include national and international experts in clinical science, laboratory medicine, anatomic pathology and research. Since its inception in 1949, our members have enjoyed a camaraderie that is not usually found in some associations. We welcome you to join with us and to participate in all that the Association has to offer. Joining me this year are **Dr. Joshua Bornhorst**, President-Elect; **Dr. Chris Crutchfield** Vice President; **Dr. Jonathan Hoyne**, Secretary; **Dr. Shuko Harada**, Executive Committee Member 2020-22; **Dr. Yusheng Zhu**, Executive Committee Member 2020-21. We are grateful for their leadership and anticipate a prosperous year ahead.

Welcome to our newest members (all Fellows). Their institutions can be found in the Grapevine section.

- **Kiran Kumar Panuganti**, MD, MBA, FAAPF
- **Denene Lofland**, PhD
- **Ayedh Al-Qarni**, PhD
- **Elie Besserer-Offroy**, BMedSci, PhD
- **Pavan Annamaraju**, MD, FACP FASN, FNKF
- **Prasenjit Mitra**, MD, MBBS
- **Abubaker M Elhassan Sidahmed**, MD, MSc, PhD, D (ABHI)
- **Ronak Jani**, MD

Kind regards,

Keri Donaldson, MD, MSCE

# Interview: Dr. Sidney M. Hopfer

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 Alex Feldman, MD, FACSc (Young Fellow) and Sidney M. Hopfer, PhD, FACSc.

**Alex Feldman:** Please tell me a little bit about yourself. Where did you grow up? Where did you go to school?

**Sidney Hopfer:** I was born in New York City in 1946. Both my father and mother immigrated from Nazi Germany in the late 1930s. My father had completed a trade certification in accounting in Germany and my mother did not finish high school. They arrived in the United States without any worldly possessions. When the United States became involved in World War II, my father immediately enlisted in the US Army. I remember him saying that the United States gave him safe haven so he felt it his duty to protect and fight for it. He became a US citizen, in a mass ceremony, on the troop convoy to Europe. He was wounded in Normandy 6 weeks after D-Day but remained in the service in a non-combat role until the end of the war.

After the war, we lived in New York City. My father was a bartender working in upscale hotels. My parents decided that city life was not for them; so, when I was three, they purchased a small dairy farm in Connecticut. I was the oldest of four children, two sisters and one brother.

Life on the farm was difficult. Up at sunrise and to bed, if you were lucky, at sunset. Planting and harvesting crops and caring for the animals (cattle, horses, sheep, goats, rabbits, chickens and the usual complement of dogs and cats) kept everyone busy. Since money was scarce, my brother and I learned to repair anything that was broken, something that became a useful life skill.

I attended Norwich public elementary schools and Norwich Free Academy (NFA), a renowned private high school, graduating in 1964. The only reason I was able to attend NFA was that the city of Norwich did not have a public high school and instead paid tuition to NFA—lucky for me!

One more comment about my father. When I left for college, he realized that none of his children were interested in farming (my siblings and I all ended up working in medical fields). When I had returned from my first year of college, unbeknownst to me, he had sold all of the animals and was seeking employment. After a few months he accepted a job as janitor in a local manufacturing plant owned by American Sugar which produces Domino Sugar. During his tenure at American Sugar he moved from janitor to accounting to purchasing to vice president of purchasing. This showed me that anything is possible if you have the wherewithal to get there.

Growing up on a farm, I had decided to become a veterinarian. At that time, there were very few veterinary schools. I was fortunate enough to be accepted to Colorado State University for an undergraduate degree in biology and, hopefully, then progressing to veterinary school. Just when I was about to graduate I received my draft notice for military service. I remembered my father's remarks about protecting your country, so in 1968, off to the Army I went. My military service included basic training, advanced individual training, infantry officer candidate school (OCS), long range reconnaissance school, jungle school, one year of duty in the Fifth Infantry Mechanized Division in Colorado Springs and then to Vietnam. I served as a combat infantry platoon leader and company commander in the First Battalion 20th Infantry for just under one year. I was discharged at Fort Lewis, Washington, a day after my return flight from Vietnam.



*Dr. Sidney Hopfer*

When I arrived at OCS, the battalion commander of the school sent a letter to my parents which included the following: "His typical day during the next six months will start early in the morning and end late at night. During the training day he will undergo a great deal of physical and mental stress. The standards are high and demanding in order to better prepare him for the task ahead." It sounded amazingly like working on the farm and (unbeknownst to me at the time) my future career!

**Feldman:** How did you develop an interest in science and medicine?

**Hopfer:** I After a 3 year hiatus, I went back to school. This time I could use the GI bill for funding. I enrolled in the Department of Pathobiology at the University of Connecticut (UConn), which had a very good veterinary pathology training program. I was accepted in a master's program where my thesis was "The Elimination of Equine Strongyles and Hematological and Pathological Consequences Following Larvicidal Doses of Thiabendazole." I chose UConn because if you were a veteran, in addition to the benefits of the GI bill, tuition was exempt. This occurred at a time when small laboratory automation was just beginning. I liked the evaluation of disease using laboratory results so much so that I switched from wanting

*continued on page 5*



# Sidney Hopfer

*continued from page 4*

to become a veterinarian to being some sort of clinical pathologist. For additional income, I assisted the on-duty pathologist performing necropsies and cleaning the suite at the end of the day.

When I was close to completing my master's degree, my advisor introduced me to F. W. Sunderman Jr. at the University of Connecticut School of Medicine campus. Dr. Sunderman was looking for a doctoral candidate interested in nickel toxicity. At the time I had no idea who F. W. Sunderman Jr. was or where the road would lead! The interview lasted maybe 10 minutes when Dr. Sunderman asked how soon I could start. I believe that expedited offer was related to my status as a veteran and an officer in the military. We worked together in the clinical laboratory researching nickel from the Tuesday after Labor Day in 1975 until his retirement in 1998.

During my doctoral years, I was in a combined program between the main UCONN campus in Storrs and the medical school campus in Farmington. I had the opportunity to take classes with medical students and, more importantly, perform research with faculty from almost every specialty in medicine. The distance between the Storrs campus, the medical school campus and my then girlfriend (now wife, Adrienne), who was attending Southern Connecticut State University in New Haven, had me driving approximately 1,000 miles per week. Like most of my life before, a typical day started early in the morning and ended late at night.

Following the award of my doctoral degree, Dr. Sunderman introduced me to the clinical laboratory and the field of clinical chemistry. Even though many recommended I should continue to medical school, I knew this was where I belonged—behind the scenes diagnosing using lab results.

**Feldman:** Tell me about how your career progressed from there.

**Hopfer:** After completing residency in clinical chemistry in 1980, I stayed at UCONN. I liked the environment, a smaller institution where you knew everyone on a first name basis, with the opportunity to collaborate on many things. Just as important, my and Adrienne's families both lived in Connecticut. I had been away for long enough to know that now I wanted to stay close to family. I started off as assistant professor and assistant director of clinical chemistry in 1980 and, through the years, eventually rose to the rank of Full Professor and became the director of the core laboratory in 1994. With each step of the way, I had to learn new skills, methodologies and disciplines. Because UCONN is an academic environment, my responsibilities included clinical service, research and teaching. Over the span of my career, I managed to juggle the three responsibilities. When research funding became more difficult to obtain, I could increase teaching or clinical service responsibilities. During my career, I have been able to publish over 100 peer-reviewed articles and deliver about as many abstracts at national and international meetings.

In 1993, at the time Bill was thinking about retirement, the department began newborn screening for cystic fibrosis (CF) using a non-traditional model. Most newborn screening is performed by public health laboratories where only screening is provided. The screening laboratory at UCONN is able to identify CF in a newborn, provide confirmatory testing, genetic counseling by telemedicine and face-to-face care in the CF clinic in usually less than a week. This has become my current research interest—working with the CF Foundation to nationally standardize the screening process.

**Feldman:** How did mentorship influence your professional career? How did you get involved with the Association?

**Hopfer:** Mentorship gives you a moral and professional compass. Being introduced to and working with Bill Sunderman Jr., although challenging at times, was a gift. Working on trace metal toxicity and metabolism took me all over the United States and Europe (Paris, Denmark, Helsinki, Moscow and Sudbury, Canada just to name a few), in some places touring the mines and, in Sudbury, the neutrino chamber as well.

The first ACS meeting I attended was in Puerto Rico. As Adrienne and I were married on April 11, 1976, and the Association meeting was a few weeks later, it ended up becoming our honeymoon. When we checked in to the hotel, the concierge told us to wait a moment, went to the back and had someone help us to our room on the top floor of the hotel. We looked at each other confused, and when we entered the room, it was way bigger than expected with a fantastic view! We had obviously not ordered this room. Turns out it was the honeymoon suite, and to this day I have no idea who was responsible for getting us that room!

The Association meeting was indeed remarkable. We met and became life-long friends with Arnold Beckman, the Coulter brothers and Al and Helen Free (the chemists responsible for the urine dipstick). Many developers of laboratory science belonged to the Association and many brought their families as well. I've always felt attending a meeting was like seeing your family all over again.

The Auxillary to the Association (which includes spouses, friends and family) was also noteworthy. Depending on meeting location, an Auxillary member would organize separate events usually incorporating local attractions. On more than one occasion, I would mention to Adrienne that I was going to miss a meeting and her immediate response was, "No you are not; we are going!" Adrienne served as the treasurer for the Auxillary for many years and one term as President.

**Feldman:** How has ACS helped you in your professional career?

**Hopfer:** A large advantage to the Association is there is no disparity between disciplines. In the event you require insight into a discipline you are unfamiliar with, just pick up the phone and discuss whatever is on your mind with an expert. I cannot emphasize enough how many times I have done just this. The number of scientists that helped to mentor me is almost limitless: F. W. Sunderman Sr., F. W. Sunderman Jr., John Savory, Armand Glassman, Charlie Hawker, Roger Bertholf, and many more too numerous to mention! Over the years, these people have helped me scientifically and administratively. Participation in the Associations committees, receiving awards, becoming an officer on the executive board, and serving on the editorial board for the Annals are important and, in many cases, useful for academic advancement.

**Feldman:** Describe the importance for faculty to be involved in national/international organizations and to have administrative responsibilities outside of your current institution.

**Hopfer:** Academic promotion is not possible without outside interaction. In order to achieve the rank of Associate Professor, there must be documented recognition at the local/state level. For Full Professor national/international recognition is mandatory. It is also helpful if letters of reference are written by leaders in the field and/or chairs of Pathology and Laboratory Medicine from throughout the country.

Being involved gives you an expanded perspective for any situation including new approaches to diseases or administrative changes.

*continued on page 6*

# Sidney Hopper

continued from page 5

Standardization of testing regimens may have different barriers dependent on different populations nationally. Incorporation of genetic testing is likely be handled in a variety of ways at different institutions or in different states.

**Feldman:** How did you develop your network of colleagues over the years, and how has that been helpful in having such a successful career?

**Hopper:** The development of colleagues begins at the place you work and increases with time. First, one must be knowledgeable and accessible to everyone. If a clinician comes to you for advice and you are helpful, they will ask again. Conversely, the opposite is

also true. As your knowledge base increases in a similar fashion, you will develop colleagues away from work. If you are conscientious, the group of colleagues will continue to grow.

**Feldman:** What advice would you give to someone starting out in their career in clinical chemistry/laboratory medicine?

**Hopper:** First, you should love what you do. Importantly, you should be willing to learn new things and to compromise. Nothing lasts forever. What may be right today may not be so tomorrow. Find a good base of people to work with. Finally, most things of worth in life require hard work and persistence.



## Newsletter Trivia Question

Edited by Stephen M. Roper, Ph.D., FACSc

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 Stephen M. Roper at: [smroper@wustl.edu](mailto:smroper@wustl.edu).

### PREVIOUS QUESTION

**Measurement of plasma total homocysteine has utility for detecting defects in cobalamin (B12) absorption, transport, and metabolism. In these conditions, increased plasma total homocysteine is thought to result from decreased remethylation of homocysteine by methionine synthase, which requires cobalamin as a cofactor. What other enzyme requires cobalamin as a cofactor? (Hint: the acidic form of the substrate for this enzyme is also monitored to detect defects in cobalamin absorption, transport and metabolism).**

### ANSWER

Dr. Roger L. Bertholf correctly answered the May, 2020 trivia question: Methylmalonyl-CoA Mutase.

### CURRENT QUESTION (SUBMITTED BY ROGER BERTHOLF)

In the early 20th century, the eminent statistician and editor of *Biometrika*, Karl Pearson, took a young protégé named William Sealy Gosset under his wing. Gosset was introduced by Pearson to the great Ronald A. Fisher, whose advice and encouragement inspired Gosset to develop and publish some of his most important work in statistics. Gosset published under a pen name, however, because his employer prohibited him from revealing his surname in scientific publications. What was Gosset's pen name, and who was his employer?

### ANSWER

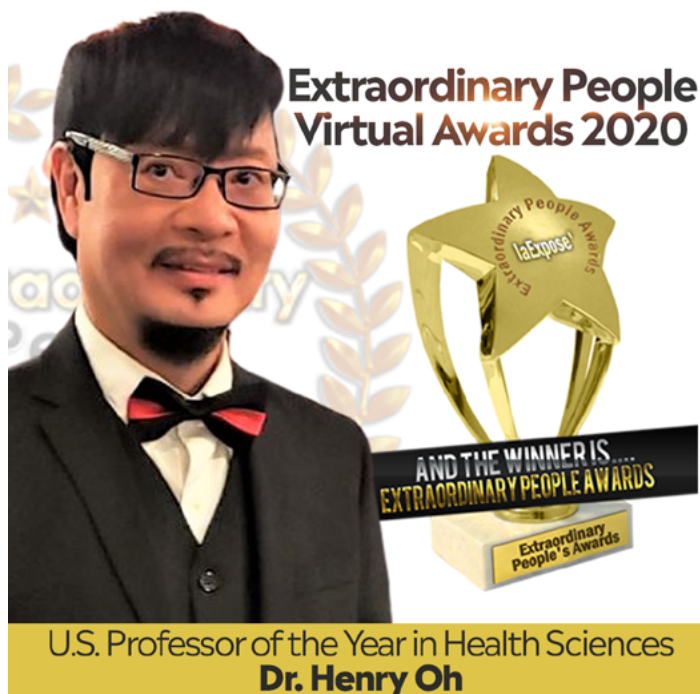
Answer will appear in the next *Clinical Science Trumpet*. Person submitting the first correct answer will have a chance to write the trivia question for the next newsletter.

Submit your answer by email to Stephen M. Roper, Ph.D., FACSc, at: [smroper@wustl.edu](mailto:smroper@wustl.edu).

## The Grapevine: Member News

### AWARD

The Association has learned that one of its members, **Henry Oh, PhD, FACSc**, has been selected the US Professor of the Year in Health Sciences by Extraordinary People Awards, a group that identifies individuals who have achieved exceptional success in their professions and/or have made significant contributions to the community by empowering the lives of others. Dr. Oh is the Department Chair and Clinical Professor of Health Occupations at Idaho State University. He is currently the president of the Lambda Beta Society, the national honor society for respiratory therapists in the US. He is also vice president of the Utah State Society of American Medical Technologists.



## Officers & Executive Committee

**Keri J. Donaldson, MD, PhD**  
President

**Joshua A. Bornhorst, PhD**  
President Elect

**Chris Crutchfield, PhD**  
Vice-President

**M. John Hicks, MD, DDS, PhD**  
Past President

**Jonathan B. Hoyne, PhD**  
Secretary (2020-23)

**Stephen M. Roper, PhD**  
Treasurer (2019-22)

**Shuko Harada, MD**  
Member, Executive Committee (2020-22)

**Yusheng Zhu, PhD**  
Member, Executive Committee (2020-21)

**Alexander Feldman, MD**  
Chair, Young Fellows Section  
Oversight Committee

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

**Nina Tatevian, MD, PhD**  
Journal Editor-in-Chief

**Charles D. Hawker, PhD, MBA**  
Executive Director (non-voting)

## 2020-2021 ACS Committees

### ATHLETICS COMMITTEE

Joshua A. Bornhorst PhD, Chair  
Robert L. Hunter, Jr., MD, PhD  
Consolato M. Sergi, MD  
Neda Zarrin-Khameh, MD, MPH

### AWARDS COMMITTEE

Myra L. Wilkerson, MD, Chair  
Robert E. Brown, MD  
Alexander Z. Feldman, MD  
Philip R. Foulis, MD, MPH  
Nina Tatevian, MD, PhD

### CONSTITUTION AND BYLAWS COMMITTEE

Christopher Crutchfield, PhD, Chair  
Vincent A. DeBari, PhD  
Laurence M. Demers, PhD  
Clive R. Hamlin, PhD  
Charles D. Hawker, PhD, MBA

### MEMBERSHIP AND MENTORING COMMITTEE

Joshua A. Bornhorst, PhD, Chair  
Alicia Algeciras-Schimmich, PhD  
Meenakshi Bidwai Bhattacharjee, MD  
Roger Bertholf, PhD  
Christopher Crutchfield, PhD  
Keri J. Donaldson, MD, PhD  
Alexander Z. Feldman, MD  
Jonathan B. Hoyne, PhD  
Peter C. Hu, PhD  
Consolato M. Sergi, PhD  
Roland Valdes, Jr., PhD  
Myra L. Wilkerson, MD  
Yusheng Zhu, PhD, MS

### MUSIC AND ARTS COMMITTEE

Myra L. Wilkerson, MD, Chair  
Alexander Z. Feldman, MD  
Philip R. Foulis, MD, MPH  
Frederick L. Kiechle, MD, PhD  
Neda Zarrin-Khameh, MD, MPH

### NOMINATING COMMITTEE

M. John Hicks, MD, DDS, PhD, Chair  
Joshua A. Bornhorst, PhD  
Keri J. Donaldson, MD  
Philip R. Foulis, MD, MPH  
Robert W. Hardy, PhD  
Kyle C. Kurek, MD  
Myra L. Wilkerson, MD

### PUBLICATIONS COMMITTEE

Nina Tatevian, MD, PhD, Chair  
Kyle C. Kurek, MD, Co-Chair  
Mustafa Barbhuiya, PhD  
Robert E. Brown, MD  
Vincent A. DeBari, PhD  
Alexander Z. Feldman, MD  
Armand B. Glassman, MD  
M. John Hicks, MD, DDS, PhD  
Frederick L. Kiechle, Jr., MD, PhD  
Yusheng Zhu, PhD, MS

### PROGRAM COMMITTEE (NOV. 2020) VIRTUAL SYMPOSIUM

Robert W. Hardy, PhD, Chair  
Consolato M. Sergi, MD, PhD, Co-Chair  
Christopher Crutchfield, PhD  
Alexander Z. Feldman, MD  
Shuko Harada, MD  
Charles D. Hawker, PhD, MBA  
Jonathan B. Hoyne, PhD  
Stephen M. Roper, PhD  
Roland Valdes, Jr., PhD

### YOUNG FELLOWS SECTION OVERSIGHT COMMITTEE

Alexander Z. Feldman, MD, Chair  
Mustafa Barbhuiya, PhD  
Diana Morlote, MD  
Stephen M. Roper, PhD  
Eric Rosenbaum, MD, MPH

### OFFICERS OF THE AUXILIARY (2020-2021)

President: Dorothy Brown  
Past-President: Becky Hunter  
Secretary: Charlotte Cannon  
Treasurer: Adrienne Hopfer  
Historian: Becky Hunter

## New Members

### FELLOW

**Kiran Kumar Panuganti, M.D., M.B.A., FAAP**  
Department of Medicine  
Texas Health Presbyterian Hospital  
Frisco, TX

**Denene Lofland, Ph.D.**  
Department of Medical & Molecular Sciences  
University of Delaware  
Newark, DE

**Ayedh Al-Qarni, Ph.D.**  
Department of Clinical Chemistry  
Saad Clinical Biochemistry & Biochemical Genetics Laboratory  
King Fahad Specialist Hospital  
Dammam City, Saudi Arabia

**Elie Besserer-Offroy, B.Med.Sci., Ph.D.**  
School of Pharmacy  
Université de Montréal  
Sherbrooke, QC, Canada

**Pavan Annamaraju, M.D., FACP, FASN, FNKF.**  
Department of Internal Medicine  
Ballad Health Medical Associates  
Johnston Memorial Hospital  
Abingdon, VA

**Prasenjit Mitra, M.D., M.B.B.S.**  
Department of Biochemistry  
All India Institute of Medical Sciences  
Siliguri, West Bengal, India

**Abubaker M. Elhassan Sidahmed, M.D., M.Sc., Ph.D., D. (ABHI).**  
Department of Pathology & Laboratory Medicine  
Schulich School of Medicine & Dentistry  
University of Western Ontario  
London, ON, Canada

**Ronak Jani, M.D.**  
Department of Neurology  
Baptist Health Lexington  
Lexington, KY



## 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: [charlie@charleshawker.com](mailto:charlie@charleshawker.com)

Publisher: Association of Clinical Scientists  
Editor: Charles D. Hawker, PhD, MBA, FACSc, FAACC  
Graphic Editor: Michael Hawker, MArch, MS, Adobe Cert. Associate





*Clear some of the  
COVID-19 static.*

## Symposium:

### ***Problems and Challenges with COVID-19 Laboratory Testing***

The Association of Clinical Scientists presents a virtual half-day symposium with four outstanding speakers discussing the laboratory response to the viral pandemic.

John Hicks, MD, DDS, PhD  
Baylor College of Medicine  
*History of Pandemics*

Salika Shakir, PhD, D(ABMM)  
ARUP Laboratories  
*Saliva Testing for SARS-CoV-2*

Jim Dunn, PhD, D(ABMM)  
Texas Children's Hospital  
*Molecular Testing for SARS-CoV-2*

Elitza Theel, PhD, D(ABMM)  
Mayo Clinic  
*Serologic Testing for SARS-CoV-2*

**Friday, November 13, 2020  
2:00–5:00 pm EST**

Topics include:

- novel testing paradigms
- sample collection—what is valid?
- using testing to assess immune status

Free Registration:

[https://zoom.us/webinar/register/WN\\_oiN0qPYYTjmJmHhZ13kkQA](https://zoom.us/webinar/register/WN_oiN0qPYYTjmJmHhZ13kkQA)

Registration required to attend and includes access to archived content



**Association of  
Clinical Scientists**