

THE CAPITAL CHEMIST



A Publication of the Chemical Society of Washington Section of the American Chemical Society

Dr. Vernon Morris to Speak at May 10th CSW Meeting

Join us on Thursday, May 10th for the May dinner meeting of the Chemical Society of Washington.

This month's featured speaker will be Vernon R. Morris, Ph.D., Professor and Director of the Atmospheric Sciences Program at Howard University.

Biography

Dr. Morris is a Professor in the Department of Chemistry and the Director of the Atmospheric Sciences Program at Howard University. He serves as the PI and Director of a NOAA cooperative science center for Atmospheric Sciences at Howard University. He also maintains an adjunct appointment in the Environmental



Engineering Program. Dr. Morris received BS degrees in chemistry and mathematics from Morehouse College and a PhD in Earth and Atmospheric Sciences from the Georgia Institute of Technology. He completed postdoctoral research in Sicily (Erice), at the Lawrence Livermore National Laboratories, and as a Presidential Postdoctoral Scholar at the University of California, Davis. Beginning with an NSF CAREER award in 1997, Dr. Morris has raised more than \$60M in external research funding. He founded Howard University's Atmospheric Sciences Program, which is a national leader in the production of minority PhDs in the field. He has also guided the success of multiple NOAA and NASA-funded research centers. Dr. Morris has published over 75 refereed papers, book chapters, and conference proceedings, and has given over 100 invited talks and national conference presentations. Over the years his work has ranged from quantum chemistry to the impacts of lightning in tropical Africa. The research themes that guide his current research are, (i) the impact of mineral dust aerosols on global atmospheric chemistry and climate, (ii) the role and influence of tropospheric aerosols on regional environmental health, and (iii) the interplay between weather phenomena (e.g. dust storms, lightning, and precipitation) and atmospheric chemistry, i.e. "chemical meteorology".

Dr. Morris has won numerous academic and scientific honors and awards. He was recognized as one of the 50 Most Influential Blacks in Science and Technology in 2011 and inducted as a History Maker in Science in 2012. In 2012, he won the National Organization for Black Chemists and Chemical Engineers (NOBCChE) Henry Cecil McBay Outstanding Teacher Award, and was given a Fulbright Specialist Award in 2013. In 2016, he was elected as a Fellow of the American Meteorological Society, and in 2017 he was given the Charles Anderson Award of the American Meteorological Society. Dr. Morris is a member of the American Meteorological society, the American Geophysical Union, and the National Society of Black Physicists (NSBP). He has served on national advisory committees, including the Department of Energy Atmospheric Radiation Measurements (ARM) Science Board (2015 – 2017), the District of Columbia STEM Advisory Council (2011 – 2014), the UNESCO steering committee for the "Application of Remote Sensing for Integrated Management of Ecosystems and Water Resources in Africa," the National Academies Board on Atmospheric Sciences and Climate (BASC) (2005 – 2007), and the NASA Earth Systems Sciences and Applications Advisory Council (ESSAAC) (2003 – 2005). Dr. Morris is passionate about broadening the participation of underrepresented groups in science, technology, engineering, and mathematics (STEM). Just in the last decade, the Atmospheric

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- The deadline to apply for Student Travel Awards is May 14th.
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Sciences Program has produced 50% of all African American and 30% of the Latina PhDs in the field. Additionally, 70% of the African American graduate students currently in the PhD pipeline nationally have participated in an HU outreach program designed to attract minority students to the field of atmospheric sciences. He has guided the research for more than 150 students at the graduate, undergraduate, and high school levels. Fifty of the undergraduates and high school students he mentored have gone on to obtain advanced degrees in science or medicine. In addition to research and teaching, Dr. Morris has initiated several successful outreach programs and informal science education/exposure projects that have reached over 50,000 students. Among the most notable are the network of high school weather camps (<http://ncas.howard.edu/outreach-programs/weather-camp/>), which has operated camps in Puerto Rico, Washington, D.C., Jackson, Mississippi, and El Paso, Texas.

He is the proud father of three adult daughters and often jokes that he is living his childhood dream of being a global explorer as he has conducted research on five of the seven continents and three of the four major Oceans.

Abstract, "Physical Chemical Processes of Saharan Dust Aerosols During Their Atmospheric Life Cycle"

Relatively few studies of the chemical evolution of atmospheric particulate during long range transport have been conducted. To address this gap, the AERosols and Ocean Science Expeditions (AEROSE) were conducted. AEROSE is a series of field experiments conducted aboard maritime research platforms to investigate the physical, chemical, and biological influences of particulates originating in the Sahara and Sahel region of West and North Central Africa during their long-range transport. Each expedition involves a research cruise of 4-10 weeks at different points throughout the year's annual dust cycle, throughout the year during which Saharan dust storms occur. The cruises began in 2004 and have been conducted annually since 2006. In situ observations of the Saharan Air Layer conducted aboard a research vessel transecting the tropical Atlantic enables both Eulerian and semi-Lagrangian measurements of dust-laden air masses with little influence of surface emissions for days to weeks at a time. Analysis of the data obtained in such studies can answer fundamental questions regarding the chemical evolution of the surface of the airborne particulate, the atmospheric life cycles of aerosols, the dynamics of the microbial populations on aerosols during transport (especially the viable fraction), and the feedbacks of aerosol chemistry on homogeneous gas phase chemistry.

This presentation highlights lessons learned from this research and its influence on our understanding of the role of this evolving segment of the earth system. These findings have proven to be critical for validation of high resolution models, satellite retrievals, and coupled ecosystem models.

Meeting Logistics

Date: Thursday, May 10, 2018

Time: 6:00 p.m. Check-in/Social Hour

6:30 p.m. Dinner

7:00 p.m. Presentation

Location: ACS Headquarters – Marvel Hall
1155 16th St., N.W., Washington, DC

Menu: Meal will be catered by Fresh Connections and will feature Chicken or Beef Fajitas served with hot flour tortillas, guacamole, shredded cheddar cheese, tomatoes, sour cream and pico de gallo; includes Spanish rice and tossed salad. Vegetarian Option: Vegetarian fajitas served with hot flour tortillas, guacamole, shredded cheddar cheese, tomatoes, sour cream and pico de gallo; includes Spanish rice and tossed salad. Dessert will be Churros (Classic Spanish fried dough pastry topped with cinnamon/sugar). Assorted beverages will be provided.

Cost: \$20 (Members and guests) / \$10 (Students and High School Teachers)

RSVP by noon Tuesday, May 8, to csw@acs.org or by phone (messages only: 202-659-2650). Please provide the names in your party when you RSVP, and if you wish to have the meat or vegetarian option. The public is invited to attend. You may attend the talk only, but reservations are appreciated. Those who make a reservation, but are unable to attend, should send a check for the cost of their meal to the CSW office. If you

need any further information or would like to make a reservation, please contact the CSW office by email at csw@acs.org or by voicemail at 202.659.2650.

Parking: Parking is available in nearby commercial parking garages. Please be aware that garage closing times vary. Parking is also available on the street after 6:30 pm, but be aware that most parking meters are in effect until 10:00 pm and may be limited to 2 hours. You should check the individual meters for details and payment methods as some are no longer coin-operated.

Metro: Blue/Orange/Silver Line: McPherson Square or Farragut West.

Red Line: Farragut North

Invitation to the WAS Awards Banquet on Friday, May 11, in Arlington

You are invited to the Awards Banquet of the Washington Academy of Sciences. This is the annual ceremony when WAS will give awards for achievement to outstanding scientists, engineers and educators from the Washington DC area.

Details are at http://www.capitalchemist.org/wp-content/uploads/2018/04/WAS_banquet_may_11_2018.pdf

The event will take place at 6:30 pm on Friday May 11 at the NRECA Building, 1st floor, 4301 Wilson Blvd. in Arlington, VA. Our keynote speaker will be Prof. Dawn Tilbury, Assistant Director for the Engineering Directorate at the National Science Foundation.

This is an elegant, dress-up affair to which everyone is invited! You can meet many interesting people and science colleagues. Delicious food and drink are included in the \$70 price. If desired, you may also register at the door.

Gearing Up For Project SEED's 50th Summer of Science

Project SEED is celebrating its 50th anniversary this year, and we hope to make it our best year yet! The summer will kick off with an orientation on June 16th, which will include recognition of this milestone. Eleven projects at local universities and national labs have been approved, and student applications are still rolling in. Applications from students are due no later than May 5th. If you know a student or teacher who may know students you believe would make good candidates for Project SEED, have them contact the Project SEED coordinator, Wes Farrell, at wfarrell14@gmail.com for more information.

We are also seeking donations to the Noel Turner Fund at this time. The Turner Fund is used exclusively to support student researchers. The generosity of our community is what makes Project SEED possible. If you would like to make a contribution to the Noel Turner Fund, please send a check payable to "The Chemical Society of Washington" to 1155 16th St NW, O-218, Washington, DC 20006.

Journey to the Big Easy

Contributed by Tao Ye, Student Travel Award Recipient

This was my fourth time to attend ACS conference. After reading 'A Journey to the Mile-High City' which was published by CSW after my first trip to ACS conference in Denver back in 2015, the memory of my first trip to ACS conference was still fresh in mind. Time flies!

The feeling was different this time. The traveling to New Orleans and early rising to catch the morning talks did not make me feel tired. Getting up at 7 am, walking in the gentle and warm morning sunshine of French

Quarter to the convention center, breathing the slow and easy-going wind from the Mississippi River, seeing hundreds of energetic peers and chemists with the ACS hangtags heading to their sessions, I felt the strength of the crescent city and the power of chemistry and science.

As a Ph.D. candidate in the last semester of the Ph.D. program, I can feel the inner energy and need to broaden my knowledge and identify myself in academia. I spent a lot of time at the section 'Physics & Chemistry of Water Treatment: Symposium in honor of Professor Desmond F. Lawler'. This section provided me the great opportunity to listen to the talks given by the big shot professors from different research areas in environmental engineering, which were overwhelming but informative and inspiring. The 'Graduate & Postdoctoral Scholars Reception' was one of my favorite events in ACS conference and I have attended it every time when I went to ACS conference because I was able to make connections with peers and enjoy the energy of young scientists and future professors.

During the conference, I also had the chances to talk with professors whose research interested me and to take a step forward and explore possible postdoc positions for the coming semester. Luckily enough, I was able to come across a famous professor, William Mitch, in my field and introduced myself to him when he was outside the convention center carrying his baggage and waiting for his Uber to the airport and I was on my way back to the hotel. I was extremely nervous when talking with him and made several errors in speaking English, which I could see from his compound facial expressions. However, he was still very patient and politely and masterly enlightened me of future research by making a finishing point.

My talk was scheduled on the fourth day of the conference. Giving a talk used to be an inextricable responsibility for me when attending a conference because I had to practice and practice and be nervous before the presentation. However, this time I enjoyed it and I liked it, quite a lot. Four years' Ph.D. study enabled me to deliver my talk fluently and passionately. ACS conference has trained me and I have grown over the past four years of ACS experiences.

On the last day of this trip, I took the trolley to experience the city with a friend of mine from my alma mater, Tongji University. We got off the trolley right after we saw the symbol of 'Loyola' in front of a magnificent and vintage building, which turned out to be the main architecture of Loyola University. We ended up wandering on the campuses of Tulane University and Loyola University, enjoying the genial Spring sunshine of NOLA, chatting about science, chemistry, biology, and, of course, life. What a wonderful and memorable afternoon!

This was my last time to attend ACS conference as a Ph.D. candidate. As an ABD (all but dissertation), I don't know where science will lead me in the near future, but I do know that pursuing science and chemistry will be the career of my whole life. I would like to thank the Chemical Society of Washington, The George Washington University, and my advisor, Dr. Danmeng Shuai, for providing me this opportunity to attend ACS conference.

Student Travel Award - Applications due May 14, 2018

The Chemical Society of Washington is pleased to announce a student travel award to defray travel and/or registration costs to the National ACS meeting in Boston this Fall (August 19-23, 2018). Eligible expenses include meeting registration and travel expenses, such as airfare and lodging. Applicants should submit the following by Midnight, May 14, 2018, to CSW (email: CSW@acs.org):

1. A cover letter stating how and why attending this ACS meeting will promote his/her career;
2. The applicant's CV;
3. A letter of recommendation from the student's mentor explaining why the student deserves the award and how this will help his/her professional development;
4. An accepted abstract with proof of acceptance.

Within three weeks of returning from the ACS meeting, the awardees should submit receipts to the CSW Treasurer (c/o csw@acs.org) for any or all of the eligible expenses described above, after which the Treasurer

of the Chemical Society of Washington will issue a check to each of the awardees. After returning from the conference, awardees will be asked to present their posters at one of the up-coming CSW dinner meetings.

The award is not intended for postdoctoral fellows. There will be a maximum of 4 awards, at \$500 each. Award of this stipend will be based on the review of the above materials. The award is open to students who are current members of the Chemical Society of Washington or are enrolled in a degree program at a university within the CSW jurisdiction.

Call for Nominations: CSW Officers/Councilors/Managers

The annual election of Officers, Councilors, and Managers of the Chemical Society of Washington will be held in November 2018 in accordance with the Bylaws and Standing Rules of the Section. All CSW Members are invited and encouraged to submit nominations for the open positions. Self-nomination is allowed. Elected members have general charge of the business and affairs of CSW. Managers and Alternate Councilors serve on the Board of Managers and are expected to serve on at least one of the CSW committees. Councilors also serve on the Board of Managers, and along with serving on CSW Committees they are expected to serve on ACS Committees and attend the Council Meetings held during the ACS National Meetings.

Nominations should be submitted to the CSW Office no later than Tuesday, June 19, 2018. Nominations can be submitted either by mail to the CSW office or by e-mail to the [CSW administrator](#) with the subject line of "CSW Nomination." All CSW members are eligible for nomination, and CSW welcomes all who are willing to participate, including those who have not previously held positions in CSW. Incumbents are eligible for nomination to the same position (if the term expires) or any other position as Officer, Councilor, or Manager. Please note that all candidates will be provided with a form to provide information for the ballot for publication in the Capital Chemist, on the CSW website, and in the materials to be sent out.

The following positions are open for election this year:

- 3 Councilors, 3 Alternate Councilors serving three-year terms, and one Alternate Councilor serving a one-year term
- Treasurer (serving a two-year term)
- President-Elect (one year as President-Elect, one year as President, one year as Past-President)
- 6 Managers (serving two-year terms)

Current Officers:

President: Allison Aldridge, FDA

President-elect: Christopher Avery, U.S. Global Change Research Program

Past President: Jason E. Schaff, U.S. Federal Government

Secretary: LaKesha N. Perry, NIST

Treasurer: Wesley Farrell, NIST

Councilors:

Through 2018: Allison A. Aldridge, FDA; Christopher Avery, U.S. Global Change Research Program; Kim Morehouse, FDA

Through 2019: Alan Anderson, Bowie State University; Joseph Antonucci, NIST (ret); Judith Faye Robinson, Georgetown University

Through 2020: John M. Malin, ACS (Retired), Sara Orski, NIST, Jennifer Y. Tanir, Toward Safer, LLC

Alternate Councilors:

Through 2018: Darryl Boyd, U.S. Naval Research Laboratory; Dennis Chamot, National Academy of Sciences (ret); Matthew Windsor, Association for Research in Vision and Ophthalmology

Through 2019: Richard M Goodman, Richard M Goodman Consulting LLC; Jason Schaff, U.S. Federal Government

Through 2020: Novella N. Bridges, PNNL; Monika Konaklieva, American University; N. Bhushan Mandava, Consultant

Managers:

Through 2018: Robert J. Bahde, National Cancer Institute; Philip DeShong, University of Maryland; Melissa V. Fernandez, National Cancer Institute; Daron Freedberg, FDA; David E. Harwell, American Geophysical Union ; Bradley Scates, Naval Air Station Patuxent River

Through 2019: Regina Cody, NASA (Retired); Rebecca Frey-Cooper, FDA; Julius Green, Northern Virginia Community College; Mukes Kapilashrami, United Nations; Nevart Tahmazian, Montgomery College; Iris R. Wagstaff, AAAS

Nomination form: http://www.capitalchemist.org/wp-content/uploads/2018/04/FORM_nominating-1.pdf

CSW 2017 President Jason E. Schaff presents Dr. Zakya H. Kafafi with the 2017 Hillebrand Prize on March 29, 2018

The Hillebrand Prize -- named for William F. Hillebrand (1853-1925), one of Washington's most distinguished chemists -- is awarded for original contributions to the science of chemistry by member(s) of CSW.

Dr. Kafafi received this award in recognition of her pioneering contributions to organic optics and electronics technologies through innovative physical chemistry and materials chemistry research. Dr. Kafafi is an internationally recognized leader in the chemistry of materials for organic photonics and electronics. Over her long and distinguished career, Dr. Kafafi has served at the U.S. Naval Research Laboratory where she rose to the rank of Head of the Organic Optoelectronics Section. She has also been the Director of the Division of Materials Research at the National Science Foundation. Also she has been a visiting/adjunct professor at Rice University, The Catholic University, the University of Pennsylvania, Northwestern University, and Lehigh University (current). Dr. Kafafi is a Fellow of the Materials Research Society, AAAS, the Optical Society of America, and the International Society of Optics and Electronics.



CSW 2017 President Jason E. Schaff presents Brendan Mallory with the 2017 Leo Schubert Memorial Award on March 29, 2018



The Leo Schubert Memorial Award -- established in 1979 to honor Dr. Leo Schubert, a chemistry professor at American University who devoted much of his career to developing programs for high school teachers and students -- recognizes outstanding teachers of high school chemistry in the Washington, D.C. area.

Mr. Mallory, a teacher at Richard Montgomery High School in Rockville, Maryland, received this award in recognition of his exemplary service in the classical chemistry program, for being at the forefront in bringing new pedagogical methods into the existing curriculum, teaching chemistry at the On-Level and Honor programs, and overseeing the update of curriculum in Environmental Chemistry at the high school level.

CSW 2017 President Jason E. Schaff presents Dr. Stefanie Wittenberg with the 2017 Charles L. Gordon Memorial Award on March 29, 2018



The Charles L. Gordon Memorial Award – named after Charles Gordon for his years of service as managing editor of the *Capital Chemist* – recognizes exemplary service by a CSW member to the profession of chemistry, to the science of chemistry, and/or to the Chemical Society of Washington.

Dr. Wittenberg is a Primary Patent Examiner at the USPTO reviewing electrochemical patents and determining the patentability of chemical subject matter based on the state of the art. She has been a leader in the greater Washington D.C. area as Councilor, Treasurer, and Manager for the Chemical Society of Washington and a representative in various roles while attending the University of Maryland including President of the Chemistry/Biochemistry Graduate Student group. She has been a part of 7 peer-reviewed publications in the fields of nanoscience, energy storage, and electrochemistry. Stefanie served as a CSW Councilor from 2015-2017, as Treasurer from 2013-2016, and as Manager from 2011-2012. She has served on several CSW committees including the Younger Chemists Committee and the Budget Committee. She has also served on the ACS Membership Affairs Committee. She agreed to continue as Treasurer for a second term when the elected Treasurer was unable to assume the duties. As CSW Treasurer she provided exceptional records and kept the Section on excellent financial footing. The Chemical Society of Washington is pleased to recognize Dr. Wittenberg's outstanding contributions to CSW and the chemistry community by naming her as the 2017 recipient of the Charles L. Gordon Award.

CSW 2018 President Dr. Allison A. Aldridge presents Betsy Jean Yakes with the 2018 Outstanding Volunteer of the Year Award on March 29, 2018

The Outstanding Volunteer of the Year was established by the Committee of Community Activities (CCA) to recognize the immeasurable outreach efforts made by local section volunteers. Each local section has an opportunity to recognize one individual annually for demonstrating extraordinary outreach volunteer service within the section.

Since she was an undergraduate student, B.J. Yakes has been volunteering with ACS and local sections. With CSW, she enjoys participating in their outreach events including NCW demos, the USA Science and Engineering Expo activities, and career sessions. When teaching, she is “Dr. Why” that helps children learn the wonderful world of “Why?”. She endeavors to create hands-on experiments for students which match their core curricula. She especially enjoys engaging children that are typically under-represented in science as seen in her outreach to minority and lower-income area schools. Her goals are to make science accessible, approachable and fun for children.



CSW YCC Career Day April 15th - Thank you!

YCC and CSW hosted a career day workshop April 15th at ACS Headquarters.

The day started with three career overview presentations to give participants perspective on careers in academia, industry/consulting, and government. Next, a career panel with 7 CSW members gave thoughtful and interesting answers to audience questions, drawing from their diverse career experiences from professions such as patent law, defense contracting, teaching, research, and more. The last session of the day focused on interactive round-tables where participants could circulate between small group discussions on career skills and resources including Networking 101, ACS Career Resources, Navigating the Federal Hiring Process, and Resume Skills and Reviews.



Thank you to the 20 CSW members we had attend. Your participation and feedback will be essential to helping us plan more events like this in the future.

A BIG thanks to all our volunteers! All of your hard work on this event was essential to its success!

Thank you to the career speakers: Steven Cummings, Richard Goodman, and Corina McClure.

Thank you to the career panelists: Benjamin Holt, Daniel Seeman, Jennifer Tanir, Kim Jacoby Morris, Steven Carlo, Michael Bertocchi, and Susette Ingram Bertocchi.

Thank you to all career day volunteers and round table discussion leaders : Allison Aldridge, Corina McClure, Steven Cummings, Michael Bertocchi, Susette Ingram Bertocchi, Bree Taylor, Emerald Wilson, Lori Chaplin, Owen Phillips, Samantha Pilicer, Sara Orski, and Wes Farrell.

Councilor Talking Points - ACS NOLA

Councilor Talking Points: Summary of Governance Issues and Actions

The following summary is provided to help Councilors report to their Local Sections and Divisions on key actions of the [ACS Council meeting](#) held March 21, and Board of Directors meetings held March 16-18, at the [2018 spring national meeting](#) in New Orleans, Louisiana.

Actions of the Council

Election Results

Candidates for President-Elect, 2019

The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2019: **Harmon B. Abrahamson, Luis A. Echegoyen, Thomas R. Gilbert, and Mary Virginia Orna**. By electronic ballot, the Council selected **Luis A. Echegoyen** and **Thomas R. Gilbert** as **candidates for 2019 President-Elect**. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

President-Elect, 2019^a

Nominee	1 st Round	2 nd Round	3 rd Round
Harmon B. Abrahamson	84	-	-

*Luis A. Echegoyen	116	132	152
*Thomas R. Gilbert	129	168	206
Mary Virginia Orna	92	117	-

^a421 valid electronic ballots were cast, with 211 being the majority. The results of the first preference vote totals are shown in the 1st round column. No nominee attained a majority. Following the procedures approved by Council, second-preference votes were distributed in two subsequent rounds. Those marked with an * were declared elected as candidates.

Candidates for Districts I and V

The Committee on Nominations and Elections announced the results of the election held prior to the New Orleans meeting to select *candidates* from the list of *nominees* for Directors from District I and District V on the Board of Directors for the term 2019-2021. By internet ballot, the Councilors from these districts selected **Katherine L. Lee** and **Laura E. Pence** as **District I candidates**; and **John E. Adams** and **Joseph A. Heppert** as **District V candidates**. Ballots will be distributed on or before October 1 to all ACS members in District I and District V for election of a Director from each District.

DISTRICT I^a

Nominee	1 st Round	2 nd Round	3 rd Round
*Laura E. Pence	22	26	-
*Katherine L. Lee	9	9	18
Gerard F. Parkin	7	9	11
Mary K. Carroll	6	-	-

DISTRICT V^a

Nominee	1 st Round	2 nd Round	3 rd Round
*John E. Adams	24	27	-
*Joseph A. Heppert	12	14	26
Mark C. Cesa	10	10	13
Catherine H. Middlecamp	5	-	-

^a The results of the first preference vote totals are shown in the 1st round column. No nominee attained a majority. Following the procedures approved by Council, second-preference votes were distributed in two subsequent rounds. Those marked with an asterisk (*) were declared elected as candidates.

Candidates for Directors-at-Large

The Committee on Nominations and Elections announced the selection of the following **candidates for Directors-at-Large** for 2019-2021 terms: **Frank D. Blum, Lee H. Latimer, Ingrid Montes, and Angela W. Peters**. The election of two Directors-at-Large from among these four candidates and any selected via petition will be conducted in the fall. Ballots will be distributed to the Council on or before October 1, 2018.

Special Interim Election: Committee on Committees

The Committee on Nominations and Elections announced that **Susan M. Schelble** received 142 votes to **Rick Ewing's** 128 votes to fill a vacancy on the Committee on Committees (ConC) for a full two-year term (2018-2019).

Other Council Actions

Amendments to the ACS Bylaws

The Council approved Petition on the Composition of Society Committees [Bylaw III, Sec. 3, e, (3), (4), and (8)], which will change the requirement for Councilors on Society Committees from at least two thirds (2/3) to a majority, and remove the requirement that the Chair and Vice-Chair of a Society Committee must be Councilors.

The Petition for Election of Committee Chairs [Bylaw III, Sec. 3, c, (1); d, 3, (3), (8); e, (3), (8); g, (3); i (3)], which would allow the voting members of all ACS committees to select their own Chairs, failed to gain the approval of Council.

2019 Member Dues

The Council voted on the recommendation of the Committee on Budget and Finance to set the member dues for 2019 at the fully escalated rate of \$175. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

Distribution Formula for Division Funding

The proposed formula for allocating dues funds to divisions, recommended by the Committee on Divisional Activities, was recommitted to the committee.

Continuation of Committees

The Council approved the recommendation of the Committee on Committees that the Committee on Ethics be continued; and that the committees on Publications and on Younger Chemists be continued contingent on approval by the Board of Directors.

Resolutions

The Council passed several resolutions:

in memory of ACS Past President Ronald Breslow and other deceased Councilors;

in gratitude for the officers and members of the Louisiana Section, host for the 255th National Meeting, the divisional program chairs, symposium organizers, and ACS staff for the planning and execution of the meeting; and

to recognize Dr. Harry P. Schultz, former Councilor for the South Florida Section (1974-1977), on the occasion of his 100th

Highlights from Committee Reports

Online Preference Forms for Councilors

All Councilors, including new Councilors, were reminded to complete their online committee preference form for 2019 committee assignments, which is open from March 26 – June 8, 2018 at <https://www.yellowbook.acs.org> (log in required).

Nominations and Elections

The Committee on Nominations and Elections solicits Councilors' input of qualified individuals for President-Elect and/or Directors for future consideration. Suggestions may be sent to nomelect@acs.org.

Budget and Finance

In 2017, ACS generated a Net from Operations of \$28.6 million, which was \$4.8 million higher than 2016. Total revenues were \$553.1 million, increasing 5.0% or \$26.4 million over 2016. Expenses ended the year at \$524.5 million, which was \$21.6 million or 4.3% higher than prior year. This was attributable to strong performance from the Society's Information Service units (CAS and ACS Publications) and a continued emphasis on expense management across the ACS.

Additional information can be found at www.acs.org. At bottom, click 'About ACS', then 'ACS Financial Information'. There you will find several years of the Society's audited financial statements and IRS 990 filings.

Membership

The ACS ended 2017 with over 150,000 members. While this means that ACS remains the world's largest scientific society, this number represents a continuing decline in overall membership for the sixth year in a row. The Committee on Membership Affairs is committed to working with Council, the Board of Directors, the Committee on Budget and Finance, ACS staff, and other stakeholders to halt this trend and return ACS to a growing and engaged membership.

New Orleans Meeting Attendance

As of Monday, March 19:

Attendees	8,470
Students	6,432
Exhibitors	877
Expo only	301
Guests	505
Total	16,585

Petitions to Amend Constitution and Bylaws

New petitions to amend the Constitution or Bylaws must be received by the Executive Director no later than May 2 to be included in the Council agenda for consideration at the fall 2018 meeting in Boston. Contact the Committee on Constitution and Bylaws with any questions or requests for information at bylaws@acs.org

Actions of the Board of Directors

The Board's Executive Session

The ACS Board of Directors met in Executive Session March 16-17, and considered a number of key strategic issues and responded with several actions.

The Board's Committees

The Board of Directors received and discussed reports from its committees on Executive Compensation, Strategic Planning, Corporation Associates, Pensions and Investments, Professional and Member Relations,

the Joint Board-Council Policy Committee Task Force on Governance Design, the Joint Board-Council Committee on Publications, and the Leadership Advisory Board. In particular,

The Board received an extensive briefing and approved several recommendations from its Committee on Executive Compensation. The compensation of the Society's executive staff continues to receive regular review from the Board.

On the recommendation of the Joint Board-Council Committee on Publications, the Board voted to approve the reappointments of Editors-in-Chief for several ACS journals. Those appointments will be announced in C&EN once the appointed individuals have been notified and arrangements for their continued service have been made.

On the recommendation of the Committee on Professional and Member Relations, the Board approved a Society nominee for the 2019 King Faisal International Prize for Science, and screened lists of nominees for the 2019 Priestley Medal and the ACS Award for Volunteer Service. The Board will select the recipients of these latter two awards from the screened lists provided.

The Board liaison to the Leadership Advisory Board gave an update on the history of the Advisory Board and the ACS Leadership Program, and offered key observations and strategic questions regarding the direction of the program in light of future Society and member needs.

The Board liaison to the Committee on Corporation Associates offered an update on the future design state of the committee in the context of the landscape for chemical corporations and professional societies.

The co-chair of the Task Force on Governance Design offered brief comments on its written interim report and provided a preview of its planned presentation to the Councilor caucuses focusing on streamlining the Society's governing documents.

The Executive Director/CEO Report

The Board received an extensive report from the Executive Director and CEO on issues relating to the Safety and Professionalism core values of the Society as well as on Membership, ACS financial performance, Operational Excellence, and upcoming events and activities. He also led a discussion on the strategic direction of the Science History Institute (formerly the Chemical Heritage Foundation) and its ramifications for ACS. His direct reports then engaged in discussions with the Board on the activities, opportunities and challenges of the Education Division, Chemical Abstracts Service (CAS), and the ACS Publications Division.

Other Society Business

As is customary, the Board heard reports from the Presidential Succession on their current and planned activities for 2018. Several presidential symposia and events incorporating and supporting the meeting's theme of Food, Energy and Water were highlighted in those reports.

Board Resolution

Finally, the Board approved a resolution that recognizes and applauds the United Nations for proclaiming 2019 as the International Year of the Periodic Table, and pledged that the Society will do its utmost to recognize and participate in events celebrating this important scientific milestone and achievement.

The Board's Regular (Open) Session

The Board held a well-attended open session on March 18, which featured a presentation from Dr. Lisa M. Balbes (Balbes Consultants, LLC) on *Nontraditional Careers in Chemistry: Thinking Outside the Beaker*. She also introduced two alumni from the ACS Scholars Program, Brandon Presley and Isa Watson, who briefly shared their careers paths to date with the assembled audience.

Prior to the presentation, the Board Chair gave a report on Board actions and issues from its Executive Session March 16-17. Members of the presidential succession and the Executive Director & CEO also offered brief reports on their activities. The officers provided more extensive reports on their activities and/or future plans as part of their written and oral reports to the Council.

Contact the Board

Your Board of Directors is elected by and acts in the best interests of the members of the Society. Please contact them with your comments, concerns, ideas, and suggestions at secretary@acs.org.

SUPPLEMENTAL INFORMATION FOR COUNCILORS

The following is a list of URLs and email addresses for supplemental information offered in oral reports at the Council meeting.

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Bonnie A. Charpentier, President-Elect	b.charpentier@acs.org
Allison A. Campbell, Immediate Past President	a.campbell@acs.org

ACS Offices

Office of Secretary & General Counsel	secretary@acs.org
Chemists Celebrate Earth Day Coordinator	outreach@acs.org

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Committees

Budget and Finance	www.acs.org "About ACS" Financial Information
Constitution and Bylaws	bylaws@acs.org
Economic and Professional Affairs	
Work-related Visa Working Group	policy@acs.org
Local Section Activities	www.acs.org/getinvolved
Nominations and Elections	nomelect@acs.org
Women Chemists	wcc@acs.org

Resources on the Web

Committee Preference Forms	www.yellowbook.acs.org
Highlights of ACS Achievements	www.acs.org/acshighlights
Governing Documents	www.acs.org/bulletin5
Resources on mentoring	www.acs.org/grad
Guidelines & Recommendations on	
Teaching HS / Middle School Chemistry	www.acs.org/mshsguidelines
Career Consultant Program	https://goo.gl/2sppC9

<https://www.acs.org/content/acs/en/about/governance/councilors.html>

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CSW Calendar of Events

May 5: Project SEED Application Deadline

May 10: CSW Meeting

May 14: Student Travel Award Application Deadline

May 21: Board of Managers Meeting

June 16: Project SEED Orientation

September 24: Board of Managers Meeting

October 11: CSW Meeting

November 8: CSW Meeting

November 28: Board of Managers Meeting

December 15: CSW Meeting