

## Message from ACS President Allison A. Campbell



I look forward to seeing many of you at the 254<sup>th</sup> ACS National Meeting in Washington, DC. My presidential and co-sponsored symposia and events will focus on areas of significant importance: advocacy and communications, the chemistry of our planet, the safe practice of science, and strong technical programming.

Under the Presidential theme of science advocacy, I am hosting an invitation only *ACS Chemistry on the Hill Advocacy Workshop* on Sunday morning, August 20. The workshop will provide younger chemists with practical advice on engaging with Congress, as well as hands-on training opportunities via interactive role-playing. Later that afternoon, in conjunction with the Royal Society of Chemistry, *Science Communications: The Art of Developing a Clear Message* will help members share stories on how to positively and effectively communicate chemistry. It will also include an opportunity for audience members to develop and practice an elevator pitch on their chemical research. Also on Sunday, *The Road Less Traveled: Career Opportunities in the Government Sector*, orga-

nized by the Younger Chemists Committee, will provide career advice to those looking to expand outside of industrial or academic career pathways.

On Monday, the all-day Presidential symposium *Building a Safety Culture Across the Chemistry Enterprise* will feature a top-down approach in the morning session, followed by grassroots efforts in the afternoon. On the public policy front, the Division of Small Chemical Businesses is organizing the *Working in the Public Sector: Running for Elected Office* symposium, and the Younger Chemists Committee is hosting a symposium on *Chemistry in an Evolving Political Climate: Research Priorities and Career Pathways in Public Policy*.

*Understanding the Chemistry of our Planet* will be a highlight symposium all-day Tuesday, showcasing renowned researchers discussing the transforming power of chemistry that is ubiquitous to life on Earth. Scientists will present their innovative research on chemistry's role in our Earth System and the human impacts to the chemistry of our environment. The Division of Chemistry of the National Science Foundation is organizing an all-day event to talk with members about *The World of*

*Funding Opportunities in Chemistry*, a *Federal Funders Town Hall*, and *Speed Coaching with Federal Funders*. In the afternoon, the National Academies of Sciences, Engineering and Medicine is hosting a town hall discussion seeking community input for a study on the future of materials research. *Frontiers of Materials Research: A Decadal Survey* will look at defining the frontiers of materials research ranging from traditional materials science and engineering to condensed matter physics. Later that evening, the Presidential LGBTQ+ Reception is sure to be a great event with more than 20 committees and divisions co-sponsoring.

Nine *President Recommended* symposia focus on issues of sustainability, highlighting up-and-coming graduate researchers, and celebrating diverse practitioners of chemistry. Details of these presidential events and other recommended symposia can be found at [www.acs.org/dc2017](http://www.acs.org/dc2017)

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**ACS COUNCIL MEETING**  
**8:00 a.m., Wednesday, August 23, 2017**

**Marriott Ballrooms 1 - 6**  
**Marriott Marquis Washington DC Hotel**  
*Check-in Opens*  
**7:00 a.m.**

## Chemistry Rocks! Concert in Washington, D.C. on Sunday, August 20

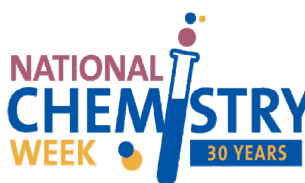
If you are going to the 254th National Meeting & Exposition in Washington, D.C., you're invited to attend a celebration of the 30th anniversary of National Chemistry Week (NCW). Since the program was founded in 1987 as National Chemistry Day, **more than 27,000** ACS volunteers have led activities to show the public, and especially children, how important chemistry is in our daily lives. NCW has been an inspiring program, and the [Chemists Celebrate Earth Day](#) and [International Chemistry Festival](#) programs

have benefitted from the longstanding and excellent work of ACS volunteers.

CCA will be hosting a "Chemistry Rocks! Concert," in line with the NCW 2017 theme of geochemistry, to honor all our outreach rock stars who have made National Chemistry Week such a successful program. The concert will take place on Sunday, August 20 from 7:30 to 9:00 p.m. in the Marriott Marquis Independence Salons D-H, immediately following the International Welcome Recep-

tion, and will feature live entertainment, drinks, snacks, and gifts.

If you plan to attend the concert, [please RSVP here](#), and if you have any questions, contact [outreach@acs.org](mailto:outreach@acs.org). To learn more about the National Chemistry Week program, visit [www.acs.org/ncw](http://www.acs.org/ncw)



## Science and the Congress Briefing: Industry and Two-Year College Partnerships

**Dr. Diane Grob Schmidt - 2015 ACS President; Chair, Board Committee on Corporation Associates**

### Briefing Congress on the Benefits of Industry and Two-Year College Partnerships: JOBS

On April 25, the ACS hosted a briefing on Capitol Hill to promote the benefits of industry and two year college partnerships to address closing the talent pipeline gap for students entering the workforce. The panel was comprised of members of the ACS Presidential Task Force on Addressing Workforce Needs through Industry/Two-Year College Partnerships, which was broadly charged to examine the workforce

needs of the chemical industry and the capabilities of two-year colleges to meet those needs. The Task Force was appointed by 2015 ACS President Diane Grob Schmidt and 2014 ACS President Thomas J. Barton following conversations with leaders in the chemical industry. The subsequent Implementation Task Force was appointed by Dr. Schmidt which resulted in a roadmap to address the talent supply needs gap and recommendations to Congress for reauthorizing the Carl D. Perkins Career and Technical Education Act. The panelists broadly represented both industry and two-year colleges, lead by Carrie Hout-

man, the Director of Global Public Policy and Issues Management at The Dow Chemical Company, Tamika Duplessis, Ph.D., Assistant Professor of Chemistry and Executive Dean at Delgado Community College in New Orleans, LA and Anthony DiStasio, Assistant Professor of Chemistry at County College of Morris in Randolph, NJ. Dr. David Baker, Associate Professor at Delta College in University Center, MI moderated the discussion and Dr. Schmidt started off the briefing with opening remarks. The timely briefing was well received with over 67 attendees; more than half of whom were congressional staff.

### Bulletin 5 Updated as of June 1

ACS Governing Documents (Bulletin 5) have been updated as of June 1, 2017, to include changes to the rights of affiliates: [www.acs.org/bulletin5](http://www.acs.org/bulletin5). In addition to Bulletin 5, you can also access unit bylaws, model bylaws, bylaws status reports, petitions, etc. From the main ACS web page ([www.acs.org](http://www.acs.org)), you can get to this information by clicking on About ACS, then Governance, then Bylaws & Petitions. Contact C&B at [bylaws@acs.org](mailto:bylaws@acs.org) if you have any questions or need assistance on petitions or bylaws.



### ACS FREQUENTLY REQUESTED NUMBERS

Unless otherwise noted, first dial (800) 227-5558. When prompted, dial the extension given below. To contact other offices, dial the 800 number and ask for operator assistance, or visit the ACS website, [www.acs.org](http://www.acs.org).

Address changes	(800) 333-9511
Career Services	x 4432
Development	x 6210
Divisions	x 4401
Education	
K-12 programs	x 4382
Education, undergraduate	x 4480
Gifts and other products	x 4600
National Chemistry Week	x 6097
Public Affairs	x 4386
Local sections	x 4611
Meetings, national	x 4374
Meetings, regional	x 6129
Membership	(800) 333-9511
Records and accounts	(800) 333-9511
Secretary	x 4461

This newsletter is produced by the Office of the Secretary. For more information please contact:

**Office of the Secretary**  
American Chemical Society  
1155 16th St., NW  
Washington, DC 20036  
(202) 872-4461  
[secretary@acs.org](mailto:secretary@acs.org)

## Local Section Elections — Vote Early and then Certify!

Jason Ritchie, Chair, Committee on Local Section Activities

I am asking you, my fellow Councilors, to join me and the members of the Committee on Local Section Activities (LSAC) in actively supporting the election of your local section officers. Each of our sections will be asked by the ACS Secretary's Office to **certify** their election results by December 1, 2017. Once certified, the elected slate of officers is permitted access to information needed to effectively manage a local section and provide programming to your section members. These certified volunteers are automatically given

access to the eRosters list of all members in your organization and how to reach them. ACS elected officers are also given access to FORMS (for submitting the annual report), and tax filing instructions, and included in the 'Yellow Book' directory of ACS officers. Furthermore, elected officers are invited to the Local Section or Division tracks at the Leadership Development Institute in January, and to the New Officers' Reception and Treasurers Workshop at spring national meetings. Delays in the timely certification of election results will

make it more likely that your new and continuing officers may miss communications and opportunities intended to help them.

In your capacity as Councilor, please ensure that your elections are conducted, and that the results are reported to the ACS Secretary by December 1. Then, encourage your volunteers to attend the Leadership Development Institute in January, file your annual report in FORMS by February 15 (don't forget to self-nominate for a ChemLuminary Award in your report), apply for an Innovative Project Grant award by March, and come to

the Treasurers Workshop in New Orleans. Voting early and reporting your elections to ACS will allow for the extension of many helping hands to your volunteers.

Information about Best Practices and Proper Election procedures for Local Sections and Divisions is available at <http://www.acs.org/content/acs/en/about/governance/elections.html>. Thank you for all that you do to support ACS, its Local Sections, Divisions, and Chapters. Please contact me at [lsac@acs.org](mailto:lsac@acs.org) if you have a suggestion for how LSAC can provide additional assistance and support.

## Message to ACS Local Section Chairs and Division Treasurers from the ACS Chief Information Security Officer

It's been brought to our attention that several fraudulent emails have been received by ACS local section chairs and division treasurers requesting electronic fund transfers (EFT). While the emails often appear authentic with the requests appearing to come from ACS local section and division chairs,

these emails should be ignored and deleted from your inbox.

As a preventative measure, we strongly recommend that your local section/division establish a two-step EFT authorization protocol. This additional step can help to prevent these types of scams from negatively impacting the

finances of your group. For example, if you receive an email request to initiate a wire transfer (from a local section/division chair or officer) seek secondary confirmation of the EFT request either by phone or through another means of communication (i.e., phone call, fax, or separate email). You should also examine all incoming EFT email

requests carefully. There are often clues to fraudulent requests that are only obvious upon close inspection (i.e., an incorrect return email address).

If you have any questions regarding this alert, please do not hesitate to contact Joe Greene, Chief Information Security Officer, [jgreene@cas.org](mailto:jgreene@cas.org)

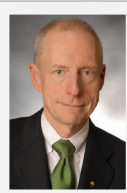


*Don't Miss It!*

**SCI-MIX**

**Monday, August 21, 2017  
8:00 - 10:00 p.m.**

**Walter E. Washington Convention Center**



### Senior Chemists Breakfast

**Tuesday, August 22 at 7:30 a.m.**, we will have the Senior Chemists Breakfast during the ACS National Meeting in Washington, DC at the Marriott Marquis Hotel, Independence Ballroom Salons E-H. The keynote speaker will be **Dr. William F. Carroll, Jr.**, ACS President (2005) and Chair of the Board of Directors (2012-2014). Dr. Carroll holds a Ph.D. in Organic Chemistry from Indiana University, Bloomington, IN. He retired from Occidental Chemical Corporation in 2015 after 36 years, and now heads his own company, Carroll Applied Science, LLC, in Dallas, TX. His talk will focus on how physical sciences thinking informs popular music analytics. **Tickets (\$20) are available with [ACS registration](#).**

## Membership: Where Have We Been, And Where Are We Going?

Margaret J. Schooler, Chair, ACS Committee on Membership Affairs



At the fall ACS national meeting in Washington, D.C., the Committee on Membership Affairs (MAC) will consider the simplification of bylaws as a means to provide more flexible membership options. The goal of such changes is to achieve the society's objective to empower our member community while embracing the core values of inclusion and diversity.

Additionally, at the fall meeting, MAC will participate in an ACS-facilitated Strategic Planning Retreat. The objective of this retreat is to revise MAC's vision and mission statements as well as define SMART (specific, measurable, attainable, relevant, and time-bound) goals that will position the committee to deliver greater value to all ACS members.

MAC welcomes your input and feedback, especially concerning the following:

- Current MAC activities and initiatives

- Pending petitions for changes in the ACS constitution and bylaws
- Nontechnical benefits available to ACS members
- Member recruitment and retention activities
- Initiatives that MAC should pursue
- Ways to increase the value of ACS membership

You can contact us at [meminfo@acs.org](mailto:meminfo@acs.org).



### GREAT CHEMISTRY HAPPENS AT REGIONAL MEETINGS

Fall 2017

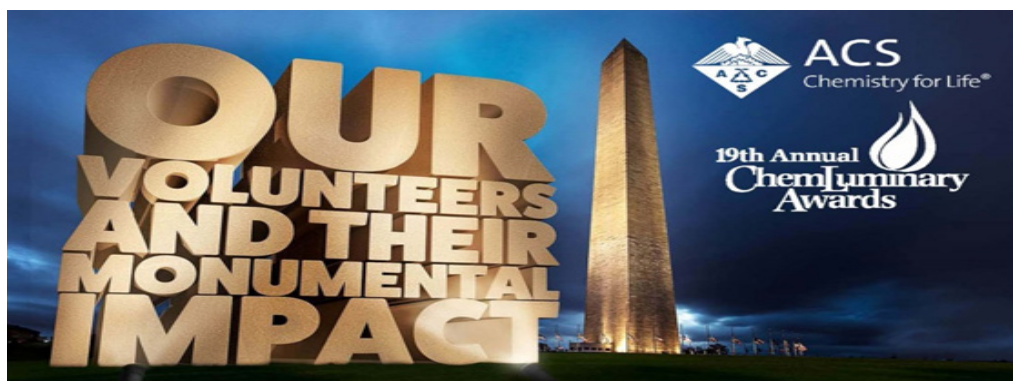
**Midwest Regional Meeting**  
Oct. 18-20 | Lawrence, KS

**Rocky Mountain Regional Meeting**  
Oct. 25-28 | Loveland, CO

**Southwest Regional Meeting**  
Oct. 29 - Nov. 1 | Lubbock, TX

**Southeastern Regional Meeting**  
Nov. 7-11 | Charlotte, NC

For more information, link to the individual meeting sites from [www.acs.org/meetings/regional](http://www.acs.org/meetings/regional)



## ChemLuminary Awards in Washington, DC - August 22

If you are going to the 254th National Meeting & Exposition in Washington, D.C., please plan to attend the **19th Annual ChemLuminary Awards** hosted by ACS President Allison Campbell. The keynote address will be presented by D. Richard Cobb, recipient of the 2017 ACS Volunteer Service Award. His presentation will be followed by the presentation of awards to local sections, technical divisions, international chemical sciences chapters, and regional meetings for

their 2016 volunteer efforts. The event will be held Tuesday, August 22, at the JW Marriott Washington D.C., beginning with a reception



and poster session from 8:00-8:45 p.m. in the Capitol Ballroom. The awards presentation will follow from 9:00-10:00 p.m. in the Grand Ballroom, and a celebration with dancing and dessert will last

until 12:00 midnight. The theme of this year's program is, "Our Volunteers and Their Monumental Impact." The event is free, and everyone is encouraged to attend to celebrate and acknowledge the scores of volunteers who supported ACS in many ways last year.

To learn more, please visit the ChemLuminary Awards webpage at [www.acs.org/chemluminary](http://www.acs.org/chemluminary).

### Council Policy Committee

### Open Forum

**Councilors Welcome!**

Marriott Marquis  
Washington DC Hotel

Independence  
Ballroom, Salons A-C  
Tuesday,  
August 22, 2017

11:00 – 11:30 a.m.

## Inaugural Pharma Leaders Symposium

The first Pharma Leaders conference symposium, “ACS Pharma Leaders: Working together to make a difference,” will take place during the ACS national meeting in Washington, D.C. The symposium will be held from 1 to 4 p.m. on Aug. 21, 2017, in Room 146C of the Walter E. Washington Convention Center.

The symposium will continue discussions central to the most recent [ACS Pharma Leaders conference](#): neglected diseases, chemistry collaborations, and predictive science; AbbVie hosted the conference in October 2016.

The ACS Pharma Leaders conference, which is co-organized by ACS Industry Member Programs and a different pharma company each year,

convenes annually and invites chemistry leaders in pharma, who explore possible collaborations on precompetitive and noncompetitive issues with the goal of accelerating drug development.

Philip Kym of AbbVie, Catherine Peishoff (formerly of GSK), and Wendy Young of Genentech are organizers of the symposium, which will feature the following speakers: Richard Connell of Pfizer; Lisa Shewchuk of GlaxoSmithKline; Bradley Sherborne of Merck; Anil Vasudevan of AbbVie; Peter Warner of The Gates Foundation; and Dale Kempf of AbbVie.

The symposium is sponsored by the Multidisciplinary Program Planning Group (MPPG) and cosponsored by PRES.

## CPC Approves Changes to Policies on Handouts and Reimbursement

As announced at the Council in San Francisco and effective immediately, the Council Policy Committee (CPC) approved amendments to the policy on the distribution of supplemental material at Council meetings. To promote good practices for sustainable meetings, paper handouts at Council are not allowed. Committee chairs are urged instead to include emails, URLs and links to the materials in their oral reports and accompanying slides. A listing of such references will be published in the *Councilor Talking Points*, distributed within 24 hours of each Council meeting. Promotional items (brochures, program advertisements, but-

tons, and pins) will no longer be placed on chairs, but made available on a designated resource table where Councilors can obtain materials if they wish.

CPC also approved an amendment to the Committee Travel Expense Reimbursement Policy for Non-Councilors, to permit non-Councilor chairs of Council-related committees to be reimbursed at a rate of up to twice the amount set for a non-Councilor, so they can attend Council meetings to deliver the committee’s oral report when necessary. This change takes effect January 1, 2018.

### ACS Councilor Caucuses

Sunday, August 20, 2017

#### Marriott Marquis Washington, DC Hotel

6:00 p.m.	District II	Marquis Ballroom Salon 10
	District III	Marquis Ballroom Salon 12
	District IV	Marquis Ballroom Salon 13
	District V	Marquis Ballroom Salon 14
	District VI	Marquis Ballroom Salon 15

Tuesday, August 22, 2017

#### Walter E. Washington Convention Center

4:00 p.m. Division Officers and Councilors Room 204C

#### Marriott Marquis Washington, DC Hotel

5:30 p.m. District I Magnolia

### Join the ACS Board of Directors Regular Session

Sunday, August 20, 2017  
12:00 p.m. - 1:00 p.m.

Marriott Marquis Washington DC Hotel  
Ballroom A/B

*Featuring*

“Federal Investment in Science:  
The Past, Present and Future  
and the Role of ACS”

by

Glenn Ruskin and Anthony Pitagno  
ACS Office of External Affairs and Communications  
Office of the Secretary and General Counsel

Doors Open at 11:45 a.m.

*Sandwiches and soft drinks available to the first 200 attendees*

## Being Strategic Advocates

Laura Sremaniak, Chair, Committee on Women Chemists

The Committee on Women Chemists (WCC) is actively pursuing advocacy efforts in three areas: awards, non-tenure track faculty, and most recently, sexual harassment. WCC just completed its second strategic planning retreat and has re-affirmed the importance of advocating for issues important to women in the chemical enterprise with benefits to all.

### Non-Tenure Track Faculty

Advocacy efforts of WCC on behalf of non-tenure track faculty includes gathering data, raising awareness, encouraging institutions to follow best practices, and working with the ACS Committee on Professional Training, which has a key role in monitoring ACS-approved programs. A summary of these efforts was most recently highlighted in a comment in the [April 17th issue of C&EN](#). What seemed to strike a chord with C&EN readers who provided WCC with feedback? It was this statement in the article: “Even the collective term, “non-tenure track” is not universally used, and in and of itself is not ideal: who wants to be identified by what they are not (as a “non”)? At the 254<sup>th</sup> ACS National Meeting in Washington, DC, learn more about this group of facul-

ty and the institutions which employ them at our symposium, “The Nons: Non-Tenure Track Faculty in a Changing Academic Landscape” on Sunday afternoon (see box).

### Awards & Recognition

WCC continues to bring awareness to the paucity of female winners of ACS national awards, particularly those given for technical achievements, and, at the same time, is working to assist women in becoming “award ready.” We also actively encourage members to nominate deserving scientists for awards at every level.

At the 254<sup>th</sup> ACS National Meeting, we are partnering with the Division of the History of Chemistry to bring attention to the lack of recognition of women in the sciences. Did you know that of over the 500 Nobel prizes awarded in the sciences, only 16 winners have been women? How many can you name? There will be a HIST symposium featuring the biographies of women overlooked for Nobel prizes, followed by a theatrical production called “No Belles” to be held on Tuesday evening (see box).

Our guest speaker at the WCC Luncheon in Washington,

DC will be Amanda Bryant-Friedrich, Dean of the College of Graduate Studies at The University of Toledo. Her talk, “For the Win,” will be on the topic of preparing oneself to be positioned for scholarly recognition and advancement (see box).

### Sexual Harassment

The third focus of advocacy efforts concerns sexual harassment. The National Academy of Sciences has formed a committee tasked with studying the “influence of sexual harassment in academia on the career advancement of women in the scientific, technical, and medical workforce.” A recent committee meeting focused on the key roles professional societies can play, such as surveys, dissemination efforts, policies on conduct at meetings, and establishing ethical guidelines. Look for an upcoming article in C&EN by Andrea Widener and Linda Wang on this topic. More resources and information can also be found at <https://harassment.agu.org/homepage/resources/>

Addressing these advocacy issues requires concerted and collective efforts. Councilors are encouraged to provide input to [wcc@acs.org](mailto:wcc@acs.org). We are always willing to enlist the assistance of additional advocacy partners.

## WCC EVENTS AT THE NATIONAL MEETING WASHINGTON, DC

### *The Nons: Non-Tenure Track Faculty in a Changing Academic Landscape*

Cosponsored by CHED, CPT, PROF, SOCED  
Sunday, August 20  
1:30 pm–5:00 pm  
Marriott Marquis Washington DC, Catholic University Room

### *Ladies in Waiting for Nobel Prizes: Overlooked Accomplishments of Women Chemists*

Sponsored by HIST  
Cosponsored by PRES, PROF and WCC  
Tuesday, August 22  
8:25 am–12:15 pm  
1:30 pm–4:45 pm  
Grand Hyatt Washington, Declaration A/B

### *No Belles*

Sponsored by HIST  
Cosponsored by WCC  
Tuesday, August 22  
5:30–6:30 pm  
Grand Hyatt Washington, Constitution Ballroom B

### *WCC Luncheon*

(Ticketed Event)  
Tuesday, August 22  
12:00 pm–1:30 pm  
Marriott Marquis Washington DC, Independence Salon E-H

## Committee Chairs: ConC Wants to Hear About Your Goals and Strategies!

Wayne E. Jones, Jr., Chair, Committee on Committees

The ACS Committee on Committees (ConC) recently updated its strategic plan, confirming its mission to ensure that ACS committees are optimally organized, resourced, and engaged. ConC set a goal to enhance matching the needs and demands of committees with members’ expertise and perspectives. The committee also wants to identify, assess, and recommend ways to improve the effectiveness of the Committee System, and recently sent a request to all committee chairs seeking information about their committees’ goals, strategies, and the skills and expertise needed by committee members.

The responses were due August 1, 2017 ([a\\_harris@acs.org](mailto:a_harris@acs.org)). If you have not already done so, you are urged to do so as soon as possible. If you have any questions, please contact your ConC liaison or Carolyn Ribes ([cribes@dow.com](mailto:cribes@dow.com)).

## 2018 Standing and Other Committee Chairs Announced

Acting on the recommendation of the Committee on Committees (ConC), ACS President-Elect Peter Dorhout has appointed or reappointed chairs for the Council Standing and Other Committees, effective January 1, 2018. Remaining chairs will be appointed in December.

### 2018 Standing Committee Chairs

#### Constitution and Bylaws (appointment)

TBD

#### Divisional Activities (reappointment)

Rodney Bennett

#### Economic and Professional Affairs (appointment)

Tiffany Hoerter

#### Local Section Activities (reappointment)

Jason Ritchie

#### Meetings and Expositions (reappointment)

Kevin Edgar

#### Membership Affairs (reappointment)

Margaret Schooler

### 2018 "Other" Committee Chairs

#### Analytical Reagents (reappointment)

Tom Tyner

#### Ethics (appointment)

Judith Currano

#### Nomenclature, Terminology and Symbols

(reappointment)

Michael Mosher

#### Project SEED (appointment)

Don Warner

#### Technician Affairs (appointment)

Aimee Tomlinson



## TOWN HALL MEETING

CANDIDATES for  
DIRECTOR-AT-LARGE, 2018-2020



KENNETH P. FIVIZZANI



WAYNE E. JONES, JR.



BONNIE A. LAWLOR



BARBARA A. SAWREY

**Sunday, August 20, 2017**

4:30 - 5:30 PM

**Marquis Ballroom Salons 1-3**

**Marriott Marquis Washington, DC**

Questions may be submitted in advance to [nomelect@acs.org](mailto:nomelect@acs.org)

*Sponsored by the*  
COMMITTEE ON NOMINATIONS AND ELECTIONS



MEET THE CANDIDATES  
for  
ACS PRESIDENT-ELECT 2018



BONNIE A. CHARPENTIER



WILLIE E. MAY

**Monday, August 21, 2017**

1:00 - 3:00 PM

Located near the ACS Booth

ACS EXPOSITION

Walter E. Washington

Convention Center, Halls A/B

*Sponsored by the*  
COMMITTEE ON NOMINATIONS AND ELECTIONS

## Committee on Community Activities Events

The Committee on Community Activities (CCA) will host three activities open to all meeting attendees during the 254<sup>th</sup> ACS National Meeting & Exposition. On Saturday, August 19, from 12:00 – 4:00 p.m., at ACS Headquarters, you and your family are invited to celebrate the joy of chemistry during the **Presidential Outreach Event – Exploring our World through Chemistry**. ACS volunteers will lead children through hands-on activities.

Scientists of all ages will learn about our community partners and celebrate the 30th anniversary of National Chemistry Week at the same site where the program began, and all budding scientists will receive goodie bags

that include the latest edition of Celebrating Chemistry.

On Sunday, August 20, CCA invites you to join us for the **“Chemistry Rocks! Concert”** to honor our outreach rock stars and celebrate the 30th anniversary of National Chemistry Week (NCW). Founded in 1987 as National Chemistry Day. NCW is a community-based program that unites ACS Local Sections, student chapters, Divisions, businesses, schools, and individuals in communicating the importance of chemistry to our quality of life. The concert will take place from 7:30 to 9:00 p.m. in the Marriott Marquis Independence Salons D-H, immediately following the International Welcome Reception, and will feature live entertainment, drinks, snacks, and gifts.

On Tuesday, August 22, the exceptional volunteer contributions during 2016 will be celebrated during the **19th Annual ChemLuminary Awards**. This year, five international chapters, five regional meetings, eight technical Divisions, and 40 Local Sections were nominated by 18 committees for 44 different awards. Winners will be announced between 8:00 p.m. and midnight in the JW Marriott Capitol and Grand Ballrooms.

On Wednesday, August 23, Dr. Michael McGinnis will present an oral report to Council describing the outcome of these programs and future plans for CCA.

### Electronic Voting at Council Meeting



At the ACS Council Meeting in Washington, Councilors will be using a hand-held audience response system for balloting for Elected Committees and for other votes when necessary. As usual, there will be a hands-on demonstration prior to the elections.

A numbered ‘clicker’ will be issued to each voting Councilor at the Council check in. These clickers will be collected after voting is completed.

**There is a \$100 fine for each clicker not returned!**

# CHEMISTRY ROCKS! CONCERT

SUNDAY  
AUGUST 20TH

Washington Marriott Marquis  
Independence Salons D-H

7:30 - 9:00 PM

Featuring live entertainment, refreshments, and gifts to celebrate the 30th anniversary of

## NATIONAL CHEMISTRY WEEK

ACS  
Chemistry for Life<sup>®</sup>  
American Chemical Society

**Council Policy Committee**

**Open Forum**

*Councilors Welcome!*

Tuesday,  
August 22, 2017

11:00 – 11:30 a.m.

Marriott Marquis  
Washington DC Hotel  
Independence  
Ballroom Salons A-C





## 2017 ACS National Election Candidates

### President-Elect, 2018



**Bonnie A. Charpentier**  
Cytokinetics, Inc.  
South San Francisco, CA



**Willie E. May**  
University of Maryland  
College Park, MD

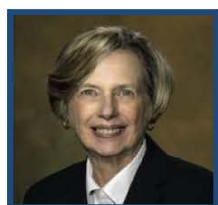
### Directors-at-Large, 2018-2020 (Elect Two)



**Kenneth P. Fivizzani**  
(Retired) Nalco Company  
Naperville, IL



**Wayne E. Jones, Jr.**  
University of New  
Hampshire, Durham, NH



**Bonnie (Helen A.) Lawlor**  
(Retired) National  
Federation of Abstracting  
and Information Services,  
Philadelphia, PA



**Barbara A. Sawrey**  
University California,  
San Diego  
La Jolla, CA

### Director, District III, 2018-2020



**Alan B. Cooper**  
(Retired) Merck Research Labs  
Kenilworth, NJ



**Teri Quinn Gray**  
DuPont Performance Materials  
Wilmington, DE

### Director, District VI, 2018-2020



**Rita R. Boggs**  
American Research and Testing, Inc.  
Gardena, California



**Paul W. Jagodzinski**  
Northern Arizona University  
Flagstaff, AZ

## ACS Fellows Program

*Congratulations Councilors and Committee Members!*



The following Councilors and Committee Members (with their committees indicated), were elected to the 2017 class of ACS Fellows. They are being recognized for their outstanding achievements in and contributions to science, the profession, and the Society. A complete list of 2017 ACS Fellows and more information about the ACS Fellows Program can be found at [www.acs.org/fellows](http://www.acs.org/fellows).

### **Councilors**

Lisa M. Balbes (Nominations and Elections)  
D. Richard Cobb (Committee on Committees)  
Elise Bickford Fox (Environmental Improvement)  
Arthur Greenberg  
Julie L. P. Jessop (Membership Affairs)  
Katherine L. Lee (Economic and Professional Affairs)  
Lucian Lucia (Chemists with Disabilities)  
Alyson E. Mitchell  
Sarah Mullins (Minority Affairs)  
Nicholas R. Natale  
James Reynolds  
Al Ribes (Chemical Safety)

Nicole S. Sampson (Publications)  
JamieLee Iolani Rizzo  
Lorena Tribe (Local Section Activities)  
Ean Warren (Women Chemists)  
Martha J.M. Wells

### **Committee Members**

Grace Baysinger (Chemical Abstracts Service)  
Robert H. Hill, Jr. (Chemical Safety)  
Mark E. Jones (Corporate Associates)  
Irvin J. Levy (Education)  
Lynn Hogue (Public Relations and Communications)  
Gary B. Schuster (Publications)

## A change in balloting is coming!

### ACS 2017 National Election



**Balloting will be conducted online, with the option to receive a paper ballot upon request.**

Previously, balloting was conducted primarily by paper ballot, with the option to vote online. The Committee on Nominations and Elections approved this change in balloting procedures effective with the **ACS 2017 national election** for President-Elect 2018, two Directors-at-Large, and for Directors for Districts III and VI.

**Balloting will be open September 29 until October 27, 2017.** In early September, ACS members eligible to vote will receive information from Survey and Ballot Systems (Direct Vote Plus™) on how to request a paper ballot.

For more information visit  
[www.acs.org/elections](http://www.acs.org/elections)  
or send an email to  
[nomelect@acs.org](mailto:nomelect@acs.org).



## 254th American Chemical Society National Meeting & Exposition

August 20-24, 2017 • Washington, DC



## Chemistry's Impact on the Global Economy



## Kavli Foundation Lecture Series

The Kavli Foundation Lecture Series promotes groundbreaking discovery and public understanding of the world's mounting challenges and how chemistry can provide solutions.

### The Kavli Foundation Emerging Leader in Chemistry Lecture



Walter E. Washington Convention Center, Ballroom A&B  
Monday, August 21, 2017

4:00 – 5:15 PM

*Dr. Prashant K. Jain, Assistant Professor,*

*Department of Chemistry and the Materials Research Laboratory  
at the University of Illinois - Urbana Champaign*

*Turning photons into chemical bonds*

### The Fred Kavli Innovations in Chemistry Lecture



Walter E. Washington Convention Center, Ballroom A&B  
Monday, August 21, 2017

5:15 – 6:30 PM

*Prof. Joanna Aizenberg, Professor of Materials Science,  
Amy Smith-Beryson Professor of Materials Science, Professor of  
Chemistry and Chemical Biology and co-Director of the Kavli  
Institute of Bionano Science and Technology at Harvard University*

*Multifunctionality of liquid-filled nanostructured materials: From encryption  
to anti-fouling*



The American Chemical Society gratefully acknowledges The Kavli Foundation's generous support for  
The Fred Kavli Innovations in Chemistry Lecture and  
The Kavli Foundation Emerging Leader in Chemistry Lecture.

## News from the Committee on Younger Chemists

Natalie LaFranzo, Chair



### Facelift for YCC

The Committee on Younger Chemists (YCC) has officially rebranded with a new logo. More closely aligned with the ACS brand's look and feel, our new logo continues to capture the spirit of younger chemists as they transition from school into the professional workforce.

### International Younger Chemists Network launched in Brazil at IUPAC 2017

YCC is proud to be a founding member of the newly-established International Younger Chemists Network (IYCN). An organization envisaged during the International Year of Chemistry in 2011, the IYCN aims, "to create a unified global network of young chemists to communicate, collaborate, educate, and mentor". With official support from the In-

ternational Union of Pure and Applied Chemistry (IUPAC), the IYCN met for its inaugural meeting as part of the 2017 World Chemistry Congress in São Paulo, Brazil this past July. The full governance meeting was broadcast internationally via Facebook Live, with the recording and other news being found on the IYCN Facebook page: <https://www.facebook.com/IYCN.global/>

### National Meeting Highlights

During the 254<sup>th</sup> National Meeting of the American Chemical Society, the YCC has assembled a comprehensive program of activities and events to allow all members of the Society to understand their role in the global chemical profession, as well as its impact on their lives. By focusing on personal contributions, global responsiveness, interpersonal balance, and external networking; the YCC is welcoming all to celebrate with us the power of chemistry.

Many younger scientists often struggle with understanding how their involve-

ment in, and personal contributions to, the Society is impactful for others as well as themselves. On Monday, August 21, the YCC, in collaboration with SCHB and PROF, is sponsoring a symposium on "How Volunteering with the ACS Can Boost Your Professional Development" from 1:00 - 4:25 p.m. in the Marriott Marquis to address this knowledge gap and provide useful information and advice for all scientists looking to make lasting personal contributions that can also help them become more successful.

The current political climate is changing at a rapid pace, which in turn is creating challenges and opportunities for chemists to make an impact on the world. On Monday, August 21, the YCC is organizing a symposium in collaboration with a myriad of ACS organizations on "Chemistry in an Evolving Political Climate: Research Priorities & Career Pathways in Public Policy" in the Marriott Marquis to provide scientists with further information and insights on how to be more responsive in a rapidly changing global world.

The Younger Chemists Committee is proudly collaborating with the Division of Professional Relations and official sponsor, BASF, to host "Finding Balance between Work and Life – An Informal Mixer for Younger Chemists" on Monday, August 21, from 7:00 - 8:30 p.m. at [Baby Wale](#) (1124 9th St. NW, Washington DC 20001). This ticketed event (tickets available upon ACS Meeting registration) is designed to provide a unique opportunity for younger chemists to connect and learn valuable lessons from their peers; specifically, how to balance a successful career in the chemical sciences with a rewarding and fulfilling "life outside the lab". Simultaneously, the event will provide a venue for networking that is vital for all aspects of professional development.

The interplay of internal and external forces, and the balance between, are at the forefront of the conversation for younger chemists, but we know this is not unique to the younger generation. We warmly welcome you to come to these events to learn more about these topics and share your knowledge with "The Future of Chemistry". See you in DC!

### ACS Strategic Plan for 2017 and Beyond – Find Out How Your Committee or Local Section Can Get Involved

The [ACS Strategic Plan for 2017 and Beyond](#) defines the Society's value proposition to our volunteer leaders, our members, and the chemistry enterprise. It also provides a clear pathway for our organization to fulfill our mission and vision as a community of chemistry professionals.

With your help, the Society has been able to accomplish our strategic goals year after year and continues on a path that will enable us to pursue opportunities as we move towards the future.

Find out how you, as a volunteer leader, can help ACS achieve its mission and vision. Discuss the goals and objectives with your respective groups and think about how you will integrate them into your plans for 2018. Visit <http://strategy.acs.org> to get access to the entire ACS Strategic Plan, to watch a video overview about the strategic planning process, and to learn about how you can get involved in our planning process.

#### Share Your Plans

Councilors and Committee members are encouraged to review the Plan as you develop and execute your activities for 2017. Share your accomplishments, along with any feedback or suggestions about the ACS Strategic Plan with the ACS Board of Directors and the Strategic Planning Committee at [strategicplan@acs.org](mailto:strategicplan@acs.org). Your continued partnership makes it possible for the Society's continued work, on behalf of chemists and the chemistry enterprise.



## 254th American Chemical Society National Meeting & Exposition

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### Chemistry's Impact on the Global Economy

Thematic Program organized by Nancy B. Jackson,  
Retired, Sandia National Laboratories

Plenary Session

Sunday, August 20, 2017 3:00 – 6:00 PM

Walter E. Washington Convention Center, Ballroom A&B

Moderated by Thomas M. Connelly, Jr.,  
Executive Director and CEO of the American Chemical Society



*Nancy B. Jackson*

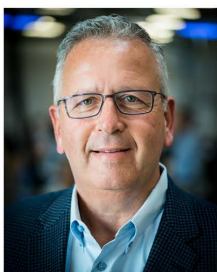


#### **Dr. Chuck Kahle**

*Dr. Chuck Kahle is the former Chief Technology Officer and Vice President of coatings research and development for PPG Industries. His responsibility included product development globally, administration of a \$500 million annual R&D budget and delivery of products that drove profitable growth from laboratories in the Americas, Europe, and Asia.*

#### **Chemistry's Impact on the Global Economy**

Chemistry contributes to many sectors of the global economy - agriculture, pharma, commodity chemicals, basic materials and energy, to name a few. Dr. Kahle will examine the key dimensions of the industrial chemistry enterprise, and its trajectory, in the US, and beyond. Factors that are determining the growth rate of the enterprise will be explored, such as the rate of technology innovation, and the increasing emphasis on mergers and acquisitions within the industry. Emphasis will be given to the role of innovation in the enterprise, including ideas on how to accelerate the rate of chemistry innovation and how to improve success rates for innovations through stronger business cases and better market insights.



#### **Prof. Joseph DeSimone**

*University of North Carolina at Chapel Hill*

#### **Digital Light Synthesis to Drive Additive Manufacturing: Convergence of Hardware, Software and Molecular Science**

*Joseph M. DeSimone is the Chancellor's Eminent Professor of Chemistry at the University of North Carolina at Chapel Hill, and William R. Kenan, Jr. Distinguished Professor of Chemical Engineering at North Carolina State University and of Chemistry at UNC*

This lecture will describe a new advance in additive manufacturing, referred to as Digital Light Synthesis, which is rapid, uses materials that have the requisite properties to yield final parts, and is economically competitive. Our approach promises to advance the industry beyond basic prototyping, which is what 3D printing has primarily been limited to, to truly enable 3D manufacturing.

Photo: Peter Cutts Photography



Allison A. Campbell, Ph.D.  
ACS President



254th American Chemical Society National Meeting &amp; Exposition

August 20-24, 2017 • Washington, DC  
#acsdc • www.acs.org/DC2017Chemistry's Impact on the  
Global Economy

## PRESIDENTIAL SYMPOSIA AND EVENTS

### SATURDAY, AUGUST 19, 2017

12:00 PM - 4:00 PM

#### Presidential Outreach Event: Exploring Our World Through Chemistry

Cosponsored by CCA  
American Chemical Society  
1155 16th Street, NW  
Washington, DC 20036

### SUNDAY, AUGUST 20, 2017

1:00 PM - 4:30 PM

#### Science Communications: The Art of Developing a Clear Message: A Joint Symposium with the Royal Society of Chemistry

(Cosponsored by BIOL, CARB, CEI, CELL, CEPA, CINF, COLL, CPRC, CTA, DAC, I&EC, INOR, ORGN, PROF, SCHB & YCC)  
Marriott Marquis Washington, DC; Liberty Salon M

2:00 PM - 5:00 PM

#### The Road Less Traveled: Career Opportunities in the Government Sector

(Sponsored by YCC and Cosponsored by PRES and PROF)  
Marriott Marquis Washington, DC; Union Station

#### Presidential Workshop: ACS Chemistry on the Hill Advocacy Workshop [INVITATION ONLY]

Walter E. Washington Convention Center, Room 147B

### MONDAY, AUGUST 21, 2017

8:30 AM - 4:00 PM

#### Chemistry in an Evolving Political Climate: Research Priorities and Career Pathways in Public Policy

(Sponsored by YCC and Cosponsored by PRES, BIOL, CARB, CCPA, CEI, CELL, CEPA, CHED, CINF, COLL, COMSCI, CPRC, DAC, GEOC, IAC, I&EC & SCHB)  
Marriott Marquis Washington, DC; Chinatown

8:30 AM - 4:30 PM

#### Building a Safety Culture Across the Chemistry Enterprise

(Cosponsored by BIOL, BMGT, CARB, CCS, CEI, CELL, CEPA, CHAS, CINF, COLL, CPRC, CTA, DAC, ETHX, I&EC, INOR, ORGN, PROF, SCHB & YCC)  
Marriott Marquis Washington, DC; Marquis Salon 1/2

1:00 PM - 5:00 PM

#### Working in the Public Sector: Running for Elected Office

(Sponsored by SCHB and Cosponsored by PRES, BIOL, CARB, CCPA, CEI, CELL, CEPA, CINF, COLL, CPRC, DAC, ETHX & YCC)  
Marriott Marquis Washington, DC; Magnolia

### TUESDAY, AUGUST 22, 2017

8:30 AM - 5:00 PM

#### Understanding the Chemistry of Our Planet

(Cosponsored by BIOL, BMGT, CARB, CEI, CELL, CEPA, CINF, COLL, CPRC, DAC, GEOC, I&EC, INOR, ORGN, SCHB & YCC, the Chemical Sciences Roundtable [CSR], and the Society for Science at User Research Facilities [SSURF])

Walter E. Washington Convention Center, Room 145A

8:00 AM - 12:00 PM

#### The World of Funding Opportunities in Chemistry

(Sponsored by the National Science Foundation and Cosponsored by PRES and ACS President-Elect Peter K. Dorhout)  
Walter E. Washington Convention Center, Ballroom C

11:30 AM - 3:00 PM

#### ACS Town Hall: National Academies' Frontiers of Materials Research Decadal Survey

(Sponsored by The National Academies of Sciences, Engineering, and Medicine and Cosponsored by PRES and ACS President-Elect Peter K. Dorhout)

Marriott Marquis Washington, DC; George Washington University Room

### OTHER SYMPOSIA RECOMMENDED BY THE ACS PRESIDENT

#### ACS Pharma Leaders: Working Together to Make a Difference

(Sponsored by MPPG and Cosponsored by PRES)

Walter E. Washington Convention Center, Room 146C

#### Advancing Graduate Education: Opportunities & Challenges

(Sponsored by CHED and Cosponsored by PRES)

Grand Hyatt Washington, Independence Ballroom C

#### Biomass to Fuels & Chemicals: Research, Innovation & Commercialization

(Sponsored by ENFL and Cosponsored by PRES, ENVR, MPPG, SCHB & WCC)

Walter E. Washington Convention Center, Room 141

#### GSSPC: Standing on the Shoulders of Giants: Developing Chemistries for Improved Global Health

(Sponsored by CHED and Cosponsored by PRES, ANYL, BIOT, BMGT, CARB, CELL, COLL, GEAB, MEDI, and POLY; Virginia Tech Institute for Critical Technology and Applied Sciences, Department of Chemistry, College of Science, and the Department of Materials Science and Engineering; BASF; and Accounts of Chemical Research, ACS Biomaterials Science & Engineering, ACS Chemical Biology, ACS Infectious Diseases, ACS Macro Letters, ACS Synthetic Biology, Biochemistry, Bioconjugate Chemistry, Biomacromolecules, The Journal of Organic Chemistry, Journal of Medicinal Chemistry, Macromolecules, ACS Central Science, and Acta Biomaterialia)

Grand Hyatt Washington, Independence Ballroom D/E

1:00 PM - 2:30 PM

#### Federal Funders Town Hall Meeting

(Sponsored by the National Science Foundation and Cosponsored by PRES)

Walter E. Washington Convention Center, Ballroom C

3:00 PM - 5:00 PM

#### Speed Coaching with Federal Funders

(Sponsored by the National Science Foundation and Cosponsored PRES)

Walter E. Washington Convention Center, Ballroom C

5:30 PM - 7:30 PM

#### LGBTQ+ Presidential Reception

(Cosponsored by ACS President-Elect Peter K. Dorhout, BIOL, BMGT, CARB, CEI, CELL, CEPA, CINF, CMA, COLL, CPRC, CTA, DAC, GEOC, INOR, NOGLSTP, ORGN, PA&PR, PROF, SCC & YCC)

W Hotel, Altitude Room (Roof Level)

A very special thank you to our financial sponsors ACS President-Elect Peter K. Dorhout, CARB, CEI, CEPA, CONC, PA&PR, BIOL, CMA, CPRC & SCC

#### Earle B. Barnes Award for Leadership in Chemical Research Management Symposium in Honor of Laurie Locascio: Why Not Me?

Changing the Face of Leadership in Science

(Sponsored by ANYL and Cosponsored by PRES)

Grand Hyatt Washington, Constitution Ballroom E

#### Journey to Mars: Materials, Energy & Life Sciences

(Sponsored by POLY and Cosponsored by PRES & MPPG)

Marriott Marquis Washington, DC; Shaw and Independence Salon D/E

#### Ladies in Waiting for Nobel Prizes: Overlooked Accomplishments of Women Chemists

(Sponsored by HIST and Cosponsored by PRES & PROF)

Grand Hyatt Washington, Declaration A/B

#### Sustaining Water Resources: Environmental and Economic Impact

(Sponsored by MPPG and Cosponsored by PRES, ENVR, GEOC, I&EC)

Walter E. Washington Convention Center, Room 203A/B

#### Transformative Research & Excellence in Education [TREE] Award Symposium

(Sponsored by COMSCI and Cosponsored by PRES, BIOL, COLL, COMP, ENFL, INOR & PHYS)

Walter E. Washington Convention Center, Room 155



The National  
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