

## National Meeting Features Variety of Presidential Events

President Donna J. Nelson, Ph.D., will sponsor a wide range of special events at the ACS 251st National Meeting & Exposition, March 13 to 17, in San Diego. The presidential events will be held at the San Diego Convention Center, and some will be of particular interest because they respond to the concerns of ACS members on employment, chemical education and diversity. All times are provided in PDT.

The meeting's first presidential symposium, "Discussions with the President's Task Force on Employment," is scheduled for Sunday. It will include speakers from academia, government and industry, who will report on the results of various projects that were designed to address the issue of unemployment in the chemical sciences. It will be held from 1:30 p.m. to 4:30 p.m. PDT in Room 2. As a follow-up, a poster session, "My Comments to the President's Task Force on Employment," will be held from 8 p.m. to 10 p.m. in Hall D.

Also on Sunday, poster sessions on "My Experience with & Advice for Improving Diversity in Chemistry" and "My Experiences in & Advice for Organic Chemistry Courses" will be held from 8 p.m. to 10 p.m. in Hall D.

On Monday, a symposium called, "Is There a Crisis in Organic Chemistry Education?" is scheduled from 9 a.m. to 11:50 a.m. in Room 3. Representatives from publishers of comprehensive undergraduate organic chemistry textbooks will address this question. They also will discuss current teaching methods, changes in organic chemistry prerequisites and responses to these changes from professors.

Another Monday session, which responds to member concerns, is titled, "Diversity-Quantification-Success?" and will be held from 1:30 p.m. to 4 p.m. in Room 3. This symposium will present data quantifying the participation of women and underrepresented minorities at all levels in academia.

A symposium called, "How to Foster Diversity in the Chemical Sciences: Lessons Learned and Taught from the Stories of Recipients of the Stanley C. Israel Award," will be held on Monday from 8:30 a.m. to 11:40 a.m. in Room 5A. Building on symposia of the same name held at previous national meetings, this event is designed to produce ideas and inspiration for increasing diversity in communities in the United States.

Finally, on Tuesday, the Dreyfus Award Symposium will honor the most recent recipient of this award, Krzysztof Matyjaszewski, and will focus on his area of research in a session titled, "Making Molecules and Materials." Supporting talks will be delivered Tuesday, 9 a.m. to 11:45 a.m. and 2 p.m. to 4:30 p.m., all in Room 2.

The times and details of these presidential events and other recommended symposia can be found at <http://www.acs.org/content/acs/en/meetings/spring-2016.html>.

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*Message from Donna J. Nelson, Ph.D., ACS President*

## Council Special Discussion Item: Your Input Requested



I request your input on seven questions, which are detailed below and which are critical to progress on employment in the chemical sciences. Please come to the March 16 Council Meeting

prepared to discuss and to pose questions on the questions listed below.

While running for president-elect, I emailed all ACS members, asking them to identify problems they wanted addressed. More than 1,600 members contacted me, and

most identified employment in the chemical sciences—and, more specifically, a lack of jobs—as the greatest current problem for our community. Many believe that unemployment is most challenging for new chemistry graduates, and

*(Continued on page 3)*

## ACS COUNCIL MEETING

8:00 a.m.  
Wednesday,  
March 16, 2016

Sapphire Ballroom  
Hilton San Diego  
Bayfront Hotel

Check-in Opens at  
7:00 am

## NEW ACS COUNCILORS

### Welcome! See [You](#) on Saturday, March 12, in San Diego!

The ACS Council Policy Committee will be hosting the **2016 New Councilor Orientation Program and Reception** for all newly elected Councilors and Alternate Councilors **on Saturday, March 12, in San Diego, CA starting at 3:30 PM in the Hilton San Diego Bayfront Hotel, Aqua 300 Rooms A/B.**



Councilors will have an opportunity to meet with other ACS leaders, learn more about the Society and ACS committees, and establish mentoring relationships. This will also be a good time to ask questions regarding your new role. **If you are a new Councilor or an Alternate Councilor, please mark your calendars for this event**

**and plan to attend.** More details regarding the orientation program will be posted to the Councilor Group on the ACS Network at: <https://communities.acs.org/groups/councilor-group>



### 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

### ATTENTION COMMITTEE CHAIRS

#### BOARD, COUNCIL, and CPC AGENDA PREPARATION

#### PHILADELPHIA, Pennsylvania NATIONAL MEETING, August 21-25, 2016

<b>May 4</b>	<i>Deadline</i> for receipt of petitions to amend Society's Constitution and/or Bylaws
<b>May 16</b>	<i>Deadline</i> for receipt in Secretary's Office of Society, Council Standing, and Other (including joint Board-Council) Committee agendas for publication in the Preliminary Program of <i>C&amp;EN</i> .
<b>June 27</b>	<i>Deadline</i> for receipt in Secretary's Office of committee reports and all other material for inclusion in the Council Agenda.
<b>July 6</b>	<i>Deadline</i> for receipt in Secretary's Office of material for inclusion in the Council Policy Committee Agenda.
<b>July 13</b>	<b>Mail</b> Council Agenda.
<b>July 15</b>	<i>Deadline</i> for receipt in Secretary's Office of committee reports and agenda items for inclusion in the Board (open and executive session) agendas.
<b>July 20</b>	<b>Mail</b> Council Policy Committee Agenda.
<b>July 25</b>	<i>Deadline</i> for receipt of material to place in the Board agenda or mailing, and requests for Legal Counsel at meetings.
<b>July 29</b>	<b>Mail</b> Board (open and executive sessions) and other committee agendas. (Please note this is 3 weeks before the Open Board meeting.)
<b>August 1-12</b>	<b>HOLD</b> for Board Virtual committee mtgs (dates to be determined by the Board).
<b>September 7</b>	<i>Deadline</i> for receipt in Secretary's Office of short reports of Board and Council Committees.

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)

## Council Special Discussion, *Cont'd.*

(Continued from page 1)

ACS's annual surveys confirm this perspective. Although ACS can't directly create new jobs, we can identify, study, and address factors that stifle employment.

I assembled a task force on employment in the chemical sciences last year. It includes representatives from ACS committees that have studied different aspects of this challenge for years. Past and future ACS leaders are also participating. The task force hears a wide range of guest speakers, receives input from additional ACS members via e-mail, and will have guidance from a community of ACS presidents and other members who are knowledgeable about and committed to improving this situation.

Being qualified for a job in chemistry, and yet being without a job, can be a dire and disappointing situation. Therefore, the jobs task force was asked to focus on implementing solutions rapidly—not merely studying, analyzing, and identifying solutions. Looking for low-hanging fruit, this task force examined final reports from earlier task forces. Those reports suggested

some ways by which unemployed chemists could mitigate the problem, such as applying for jobs in some chemistry-related scientific areas that had excess openings. However, these areas change somewhat quickly, so it is not practical to develop educational programs for them. Therefore, a solution is to caution future young chemists that they must build flexibility into their study programs, their employment area expectations, and their job search techniques. We will continue to search for solutions to implement swiftly, as we go along, rather than hold them for a report.

Sometimes our communities feel that they must compete against each other for jobs in chemical sciences. For example, one community comprises members who were born abroad but work in the U.S. Some U.S.-born members are concerned about the impact of these immigrant chemists on an already weak domestic job market.

However, analyzing this must consider that our country needs immigrants. The U.S. birthrate is insufficient to sustain our population without immigration. Otherwise, insufficient workers would have to

support an increasingly aged (retired) population and the overall economy—too many retirees being supported by contributions from too few workers. Therefore, we need immigration to help our country thrive, to support an aging populace, and to help maintain our standard of living. Overall, we have been fortunate that so many people continue to want to come to the U.S., and that we can continue to attract and select the smartest and the strongest of them to join us. Not all countries have this benefit. This is one of many considerations to include among the complex effects that impact employment in our communities.

The task force will examine and consider all known influences that can impact employment in the chemical sciences. One goal is to hear opinions from everyone. We know that mergers and outsourcing have decreased the number of jobs for chemists. In addition, a decline in government funding has adversely impacted the nation's innovation infrastructure that traditionally served as a source of job creation and revenue growth.

I have charged the Task Force to find answers to these questions :

- What are the factors, which determine the balance between supply and demand?
- What is the employment situation for technicians?
- What are the benefits and handicaps of possible certification, licensing and registration of chemical professionals?
- Do we prepare our graduates for the jobs offered by industry?
- What are the opportunities to help young graduates and mid-career chemical professionals find employment?
- Are minorities adequately represented in the chemical work force? What is needed to get them in the pipeline, if they are not?
- What are the global factors influencing the employment situation for chemical professionals in the United States? Specifically, what has been the effect of outsourcing and immigration?

The Task Force is still gathering information, and seeks your input. Please come to Council prepared to offer your perspective on these questions.

## Announcements from the Committee on Constitution and Bylaws

### Bylaws for Divisions, Local Sections, and International Chapters

The current official bylaws for your Division, Local Section, and/or International Chemical Sciences Chapter are posted at [www.acs.org/bulletin5](http://www.acs.org/bulletin5) and also available from ACS's main web page: [www.acs.org](http://www.acs.org); click on Governance, then Bylaws & Petitions on the left side or the first link under Related Information; then click on Unit bylaws + guidelines, and follow the links to the official, certified bylaws. If your bylaws haven't been updated since before 2000, please contact C&B at [bylaws@acs.org](mailto:bylaws@acs.org) for two easy and fast options to update your bylaws. We thank all the Divisions and Local Sections that have submitted such requests! Last year we certified a record 29 bylaws.

### Bulletin 5 Updated as of January 1, 2016

The Committee on Constitution and Bylaws (C&B) is happy to announce that the ACS Governing Documents (AKA Bulletin 5) has been updated on ACS's website as of January 1, 2016: [www.acs.org/bulletin5](http://www.acs.org/bulletin5). You can search for terms (Control-f keys) or copy and paste into a Word document only those sections that you need. The Table of Contents is hyperlinked for your convenience, or you can use the bookmarks. You can also access Bulletin 5 from the main ACS web page ([www.acs.org](http://www.acs.org)): click on ACS Governance, then Bylaws & Petitions on the left side or the first link under Related Information.

- Contact Barbara Polansky at [bylaws@acs.org](mailto:bylaws@acs.org)

## Advocacy – Summary of Progress Achieved in 2015

Diane Grob Schmidt, ACS Immediate Past President

In keeping with my theme of “Inspiring and Innovating for Tomorrow”, progress in the focus area of Advocacy is summarized here.

### ACS Advances Legislative Priorities on Capitol Hill -

Despite continued political battles that often choked out meaningful dialogue on important legislation, ACS (governance, staff and members) managed to advance several ACS top priorities in legislation that was passed by Congress in 2015:

- \* **The Every Student Succeeds Act** - with science testing and strengthened Math & Science Partnership program
- \* **The Frank Lautenberg Chemical Safety for the**

**21st Century Act** – with the ACS sustainable chemistry provisions

- \* **The Research and Development Tax credit** - renewed and made permanent, helpful to spur US investment that drives innovation
- \* **Solid FY16 Appropriations to support federal R&D** – with sequestration caps removed, ACS key agencies generally will receive increased funding

In addition to these legislative accomplishments, ACS was instrumental in securing three major modifications of the Fair Access to Science and Technology Research (FASTR) Act in the U.S. Senate. This legislation

promotes public access to federal funded research published in scientific journals. ACS supported the legislation and was able to ensure for a 12 month embargo; a petition process to change the embargo period and flexibility for federal agencies in setting up public access repositories. In addition, ACS helped create the Congressional Chemistry Caucus and secured a Senate resolution and a letter from President Obama honoring National Chemistry Week.

**Member engagement** via Act4Chemistry is an important component of ACS advocacy and has been very impactful with nearly **13,000 ACS members participating in 2015**.

### Congratulations to the 2016 ACS Local Section Outreach Volunteers of the Year!

This year, the Committee on Community Activities recognizes 31 ACS members who demonstrate extraordinary outreach volunteer service within their local sections. If you have an ideal candidate for next year, please send the suggestion to your Chair when the form opens this fall—nominations are due every year on December 15. More information about the program including complete awardee profiles with names, descriptions, and pictures can be found at [www.acs.org/volunteersoftheyear](http://www.acs.org/volunteersoftheyear).

## 2016 Joint Board-Council Committee Chairs

Acting on the recommendation of the Committee on Committees (ConC), ACS President Donna Nelson and Board Chair Pat Confalone have appointed or reappointed chairs for the **Joint Board-Council Committees**, effective January 1, 2016:

### Chemical Abstracts Service

Wendy D. Cornell

### Chemical Safety

Elizabeth M. Howson

### Chemistry And Public Affairs

Susan B. Butts

### Chemists with Disabilities

John J. Johnston

### Community Activities

Michael B. McGinnis

### Environmental Improvement

Anthony (Tony) M. Noce

### International Activities

Ellene T. Contis

### Minority Affairs

Madeleine Jacobs

### Patents & Related Matters

Sadiq Shah

### Professional Training

Thomas J. Wenzel

### Publications

Nicole S. Sampson

### Public Relations and Communications

Jennifer L. Maclachlan

### Science

Mark C. Cesa

### Senior Chemists

Thomas (Tom) R. Beattie

### Women Chemists

Amber F. Charlebois

### Younger Chemists

Natalie A. LaFranzo



## GREAT CHEMISTRY HAPPENS AT REGIONAL MEETINGS

Spring 2016

### [Central Regional Meeting \(CERM\)](#)

May 18-21  
Cincinnati, OH

### [Mid-Atlantic Regional Meeting \(MARM\)](#)

June 9-12  
Riverdale, NY

### [Northwest Regional Meeting \(NORM\)](#)

June 26-29  
Anchorage, AK

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

## CEI – Reorganizing to Drive Success

Anthony (Tony) Noce, Chair, ACS Committee on Environmental Improvement

In the July 27, 2015 issue of *C&EN*, Kathleen Schulz had an ACS Comment published titled “Strategic ... Or Just Busy?” This question was one with which a number of us on the ACS Committee on Environmental Improvement (CEI) had been wrestling, and so in June of 2015 CEI conducted a strategic planning retreat at ACS headquarters. We revisited and revised our mission and vision statements, and developed a three-year plan and an associated project portfolio to help turn our vision into reality.

Instead of the subcommittee structure that CEI had previously, we reorganized around our project portfolio. Thus, the CEI Executive Committee is now comprised of the Chair, Secretary, and five Portfolio Managers. Each Portfolio Manager is responsible for 3 to 5 projects, meaning that they work with each of the project leads in their portfolio to cultivate and carry-out a plan for a timely completion of each project. Each project lead is

responsible for fostering progress by developing milestones and success metrics and for communicating regularly with the project team. Committee Members and Associates self-select which project(s) on which they will play an active role. A portfolio dashboard for tracking the milestones and metrics of each project is being developed and maintained by the Secretary.

Even before this functional reorganization, we were looking to revamp our meeting schedule as well. CEI traditionally met all day Saturday at each National Meeting – and I mean *all day*. We started with breakfast at 8 AM and didn’t wrap up until our committee dinner finished around 10 PM. In addition to making for a very long day, feedback from meeting attendees had indicated that this structure put too much emphasis on preparing for the Open Meeting from 4 to 6 PM and not enough focus on the substance, thus hampering more meaningful discussions of larger issues by the entire committee. Thus, in one of her last acts as Chair of CEI, Laura Pence restructured our meeting schedule as

follows:

- CEI will meet in Executive Session from 1:30 to 6 PM on Saturday afternoon.
- Our Committee dinner will remain on Saturday evening at 7 PM.
- We will reconvene in Executive Session from 9 AM to noon on Sunday morning.
- The CEI Open Meeting will be held on Monday morning from 7:45 to 9 AM, with a light breakfast provided. (*N.B.: While everyone on the committee is welcome to attend the Open Meeting, it is not required.*)

Both this functional reorganization of our committee structure and meeting format requires more preparation and completion of project work between meetings, and it is hoped that these changes will allow for more substantive discussion of pertinent topics during our committee meetings.

### ACS Councilor Caucuses

Sunday, March 13

#### Hilton San Diego Bayfront Hotel

6 p.m.	District II	Indigo 202 B
	Middle Atlantic	Indigo 202 A
	District IV	Indigo 204 A
	District V	Indigo 204 B
	District VI	Indigo 206

Tuesday, March 15

#### San Diego Convention Center

4 p.m.	Division Officers and Councilors	Room 24 A
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#### Hilton San Diego Bayfront Hotel

5:30 p.m.	District I	Indigo 202 A
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### ACS Board of Directors Regular Session

Sunday, March 13  
San Diego Convention Center  
Room 20 D (Upper Level)

*“Telling Science Stories: Dispatch from a Conflict Zone”*



Speaker: Amy Harmon  
National Correspondent  
*The New York Times*

Doors Open at 11:45 a.m.  
Sandwiches and soft drinks available to the first 200 attendees

## Attracting, Promoting, Retaining and Advocating for Women Chemists

Amber Charlebois, 2016 Women Chemists Committee Chair

The Women Chemists Committee would like to report that we have been quite busy attracting, promoting, retaining and advocating for women chemists.

Given the importance of diversifying ACS National Awards, we would like to challenge you to think seriously about who you could nominate this November, particularly for the technical awards. Your nominations will complement WCC's ongoing involvement in activities focused on the "How to" for ACS National Awards nominations. Together, we can increase the number of women being nominated for and potentially receiving these and other prestigious awards. To paraphrase the lottery slogan "Gotta be in it to win it" - "***You gotta be nominated to get selected!***"

In San Diego we will celebrate the recipients of many different awards.

- **Annie B. Kersting**, recipient of the **2016 Francis P. Garvan-John M. Olin Medal**, will be honored at the WCC Luncheon.
- Recipients of the 2016 Spring **WCC-Eli Lilly Travel Award** will share their accomplishments at a poster session prior to the WCC luncheon.
- **Carol A. Fierke**, recipient of the **2016 ACS Award for Encouraging Women into Careers in the Chemical Sciences**, will be honored during a WCC-sponsored symposium.
- Recipients of the 5<sup>th</sup> annual **WCC Rising Star Award**, ten exceptional early to mid-career women chemists, will share their accomplishments during a full-day symposium and be honored at "Just Cocktails," an informal networking event allowing individuals the opportunity to interact, inspire and bond.

If you will be in San Diego, join us for all of these events, as well as for the Women in the Chemical Enterprise Breakfast. It will feature social media expert Jennifer Maclachlan, who will share with attendees how to use personal branding and social media to advance their careers in the chemical sciences.

A diverse and inclusive collection of success stories will be in the second edition of "*Mom the Chemistry Professor*," offering insight and inspiration to young women considering undertaking the combination of professor-hood and mother-hood. The WCC and some of its members are involved as contributing authors and editors for this book being published by Springer.

The WCC is committed to encouraging conversations around difficult topics that often effect women. This year Linda Wang of *Chemical & Engineering News* (C&EN) courageously covered the very taboo and sensitive topics of miscarriage and infertility (**Feb 8, Volume 94 Issue 6, pp. 33-35** or <http://cen.acs.org/articles/94/i6/Chemists-Struggle-Infertility-Miscarriage.html>). These topics are difficult to open up about, but women need to know that they are not alone. Another important topic is sexual harassment in academic chemistry departments, and Linda will be focusing on this in an upcoming article in C&EN. If you've experienced sexual harassment as a grad student, postdoc, or faculty member in your chemistry department, or know someone who has, please contact Linda at [L\\_Wang@acs.org](mailto:L_Wang@acs.org) to share your story with C&EN. She is willing to keep your name confidential and use a pseudonym in the story. Thank you for speaking up; together we can make a difference.



### Margaret Leinen to Speak at Senior Chemists Breakfast

The Senior Chemists Committee (SCC), co-sponsored with the ACS Development Office, is pleased to announce that **Margaret Leinen**, Director of the Scripps Institution of Oceanography and Vice Chancellor for marine sciences and dean of the School of Marine Sciences, University of California-San Diego, will be the keynote speaker at the Senior Chemists Breakfast at the San Diego National Meeting. The title of her talk is "Our Changing Oceans: The Challenges from Climate Change".

The breakfast is on Tuesday, March 15, at the Hilton San Diego Bayfront Hotel, Indigo Ballroom D/H, 7:30-9:30 a.m. Tickets are \$20.00 and can be purchased through registration. A limited amount of tickets will be available at the door.

SCC is also a co-sponsor of the Undergraduate Speed Networking with Chemistry Professionals event on Monday, March 14, 3:45-5:15 p.m., at the Marriott Marquis San Diego Marina Hotel, Ballroom B. SCC encourages all Councilors to attend this successful and highly rewarding event.



### Join the ACS Career Navigator™ in San Diego!

Refresh your skills or branch into new areas with training from [ACS Professional Education](#). ACS will be holding Short Courses in San Diego, CA on March 16 - 19, 2016 to help you gain invaluable training in just a few days. New in San Diego will be a course on Green Chemistry in the Pharmaceutical Industry! There are also insightful [Leadership Development Courses](#) offered that give attendees the opportunity to learn the leadership skills necessary to excel at their careers. Find your career path, improve your interview skills, and connect with top employers at the [ACS Career Fair](#). Visit the New Career Fair Lounge between your career fair activities for the new Lightning Talks on a range of topics related to job seeking, career perspectives, and tips and tricks for job hunters. To learn more about the ACS Career Navigator™ at the ACS National Meeting and Exposition, please visit [www.acs.org/CNinSanDiego](http://www.acs.org/CNinSanDiego).

## American Association of Chemistry Teachers

Diane Grob Schmidt, ACS Immediate Past President

As 2015 ACS President, I championed the founding of the **American Association of Chemistry Teachers (AACT) and continue to do so as 2016 Immediate Past President.** AACT continues to grow, ending 2015 with 3,037 members, 88 percent of whom are K-12 teachers. The first Dow-AACT teacher summit was held in Michigan in July 2015, and two additional summits, one in Austin, Texas and one in Baton Rouge, Louisiana are planned in 2016, thanks to Dow's generous sponsorship as the sole Founding Partner of AACT. Also in 2016, AACT will hold its first "conference" as part of the Biennial Conference on Chemical Education at the University of Northern Colorado, July 31-August 4, 2016.

AACT is an organization *by and for* chemistry teachers. The organization is serving a critically important role in education by providing a professional home that is responsive to the needs of K-12 teachers of chemistry.

The goals of AACT are to

- Serve as a trusted source of curricular and pedagogical resources for K-12 chemistry instruction;
- Provide networking opportunities for

chemistry teachers amongst themselves and the broader ACS community; and

- Disseminate effective teaching and learning practices at the K-12 level.

**Benefits of AACT membership**, which is only \$50 per year, include a subscription to *ChemMatters*, the magazine that demystifies everyday chemistry; an online periodical; customized resources, including lesson plans, animations, and videos; an online network; and professional development webinars that carry continuing education units. I would encourage you to share information about AACT with your colleagues in K-12 education, future chemistry teachers and the faculty who help prepare them for the classroom, and everyone you know who has an interest in K-12 education. You can become a member yourself at [teachchemistry.org](http://teachchemistry.org), as well as sponsor a local teacher's membership in AACT.

Several local sections are reaching out to teachers in their area to introduce them to AACT. The Indiana Local Section hosted a booth and luncheon featuring AACT at the Indiana State Fair. My own Cincinnati Local Section organized a dinner with the Cincinnati Chemical Educators Discussion Group to introduce them to the benefits of AACT membership. In

2016, the Chicago, Dayton, and St. Joseph Valley Local Sections are all planning AACT events with local teachers.

Corporations and foundations have played an important role in supporting AACT during its inaugural year. In addition to The Dow Chemical Company's founding gift of \$1 million, the Camille and Henry Dreyfus Foundation and the Ford Foundation are generously supporting the development of online resources for AACT teachers. In Pittsburgh, Lanxess has provided almost 50 teachers with AACT membership. I am deeply grateful to AACT's industry and foundation partners for supporting K-12 teachers of chemistry through their philanthropic gifts.

**The American Chemical Society's vision of "Improving people's lives through the transforming power of chemistry" can only be fulfilled when today's students become the chemists and scientifically-savvy citizens of tomorrow.** I am so proud that ACS has created this organization to better serve and support teachers of chemistry. Please continue to join me in welcoming home our K-12 colleagues.

### TOWN HALL MEETING SPONSORED BY N&E NOMINEES for ACS PRESIDENT-ELECT, 2017



PETER K. DORHOUT



THOMAS R. GILBERT



C. BRADLEY MOORE



GREGORY H. ROBINSON

**Sunday, March 13, 2016**

**4:30 - 5:30 PM**

**Hilton San Diego Bayfront Hotel – Indigo Ballroom**

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



## ACS Fellows Program 2016

**Nominations are open for 2016 ACS Fellows. Nominations will be accepted online at [www.nominatefellow.acs.org](http://www.nominatefellow.acs.org) until April 1, 2016 (11:59 PDT).**

The American Chemical Society Fellows Program recognizes members of the ACS for excellence and leadership in both of two areas: (1) science, the profession, education, and/or management, and (2) volunteer service in the ACS community. We look forward to receiving your nominations and the opportunity to recognize chemical professionals who are making an impact.

### Eligibility

- The selection of ACS Fellows is based on both of two defined areas: (1) Documented excellence and leadership that has an impact in the science, the profession, education, and/or management; **and** (2) Documented excellence and leadership in volunteer service, based on specific results achieved, in service to the ACS and its membership and community.
- Nominees and nominators must be current members (including retired and emeritus members) in good standing of the ACS. Former members or deceased members will not be considered as nominees.
- Current members of the Fellows Selection Committee, Fellows Oversight Committee, ACS Board of Directors, and current ACS staff are not eligible to be nominees or nominators.

### Nominations

- Nominations for ACS Fellows are solicited from the following:
  - ACS National Committees\* – Each Committee may nominate one nominee. The Primary Nominator must be a current member of the Committee.
  - ACS Technical Divisions\* – Each Division may nominate up to two times the number of Councilors from the Division. The Primary Nominator and the Nominee must be current members of the Division.
  - ACS Local Sections\* – Each Local Section may nominate up to the number of Councilors from the Local Section. The Primary Nominator and the Nominee must be current members of the Local Section.
  - Individual ACS Members – Each individual ACS member in good standing may serve as the primary nominator for one nominee.

\*If the Chair is not a nominator, he/she must provide a Letter of Attestation. If the Chair is the nominee, please refer to the [Program Guidelines](#).

- Self-nominations are not accepted.
- Each nomination requires a primary nominator and two secondary nominators, each of whom must provide a letter of recommendation. The online nomination form also requires the following nominee information: Code of Conduct, Award Citations, Professional Organization Affiliations, Volunteer Service to the ACS Community, Contributions to the Science/Profession, Honors and Awards, and Resume/CV. The Primary Nominator is responsible for submitting the nomination.
- Please note the following changes for 2016: (1) The [Selection Criteria](#) have been updated. (2) The Education and Professional History sections have been removed from the online nomination form. (3) [Code of Conduct](#) and [Award Citations](#) sections have been added to the online nomination form.
- Detailed guidelines and instructions for submitting nominations are at [www.acs.org/fellows](http://www.acs.org/fellows). Please also refer to the *C&EN* Comment "[Elucidating ACS Fellows Nominations](#)" by ACS Fellows Oversight Committee Chair Neil Jespersen.

**Contact:** [www.acs.org/fellows](http://www.acs.org/fellows) • [fellows@acs.org](mailto:fellows@acs.org) • 202-872-4431



## Research Opportunities for Future Energy Technologies

Sunday, March 13, 2016 • 1:30 pm – 5:10 pm  
San Diego Convention Center, Room 4 • (Upper Level)

*Sponsored by ACS Division of Energy & Fuels (ENFL), ACS Energy Letters, ACS Publications Division, Chemical Abstracts Service (CAS) & ACS Immediate Past President Diane Grob Schmidt*

Michelle Buchanan, Symposium Co-organizer and President  
Oak Ridge National Laboratory

Photo: Peter Cutts Photography



Diane Grob Schmidt, Ph.D.  
Symposium Co-organizer  
ACS Immediate Past President



- |                   |                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1:30 pm – 1:40 pm | Introductory Remarks                                                                                                                                                                    |
| 1:40 pm – 2:10 pm | The Honorable Franklin (Lynn) M. Orr<br>Under Secretary for Science and Energy<br>U.S. Department of Energy<br><i>The Quadrennial Technology Review: Creating a Clean Energy Future</i> |
| 2:10 pm – 2:40 pm | Donald J. DePaolo<br>Lawrence Berkeley National Laboratory<br><i>Basic Research for Carbon Capture and Storage</i>                                                                      |
| 2:40 pm – 3:10 pm | Krishan L. Luthra<br>General Electric<br><i>Structural Materials Needs for Energy Technologies</i>                                                                                      |
| 3:10 pm – 3:40 pm | Jeremy T. Busby<br>Oak Ridge National Laboratory<br><i>Modern Materials and Chemical Science: Enabling Nuclear Power into the Future</i>                                                |
| 3:40 pm – 4:10 pm | Peter D. Olmsted<br>Georgetown University<br><i>Basic Science Challenges in Additive Manufacturing</i>                                                                                  |
| 4:10 pm – 4:40 pm | Tom F. Jaramillo<br>Stanford University<br><i>Hydrogen Generation and Fuel Cells: Current Status, Research Challenges, and Future Prospects</i>                                         |
| 4:40 pm – 5:10 pm | George W. Crabtree<br>Argonne National Laboratory<br><i>Energy Storage for Transportation and the Electricity Grid: Challenges and Opportunities</i>                                    |
|                   | Closing Remarks                                                                                                                                                                         |

**REQUEST FROM THE COMMITTEE ON NOMINATIONS AND ELECTIONS  
FOR SUGGESTIONS FOR 2018 SOCIETY DIRECTORS AND OFFICERS**

Attention: Mr. D. Richard Cobb, Chair  
[nomelect@acs.org](mailto:nomelect@acs.org)

Dear Mr. Cobb:

I propose the following MEMBERS for consideration by the Committee on Nominations and Elections:

**PRESIDENT-ELECT**     *(Non-Academic)*

Name \_\_\_\_\_ Name \_\_\_\_\_

Affiliation \_\_\_\_\_ Affiliation \_\_\_\_\_

**DIRECTOR-AT-LARGE**

Name \_\_\_\_\_ Name \_\_\_\_\_

Affiliation \_\_\_\_\_ Affiliation \_\_\_\_\_

**\*DIRECTOR, DISTRICT III**

Name \_\_\_\_\_ Name \_\_\_\_\_

Affiliation \_\_\_\_\_ Affiliation \_\_\_\_\_

**\*DIRECTOR, DISTRICT VI**

Name \_\_\_\_\_ Name \_\_\_\_\_

Affiliation \_\_\_\_\_ Affiliation \_\_\_\_\_

\_\_\_\_\_  
Suggested by: (Name Optional)

\_\_\_\_\_  
(Local Section **or** Division Affiliation)

\*See next page for territory

(This form must be received no later than May 15, 2016.)

### District III (14 Sections)

**Defined District Territory:** Local sections having their headquarters in Delaware, New Jersey, Pennsylvania (except the Erie, Penn-York and Pittsburgh Sections), Maryland and the District of Columbia.

#### Local Sections in District III

Central Pennsylvania (320)	North Jersey (303)	Southeastern Pennsylvania (308)
Chemical Society of Washington (315)	Ocean County (314)	Susquehanna Valley (319)
Delaware (300)	Philadelphia (304)	Trenton (307)
Lehigh Valley (318)	Princeton (305)	Western Maryland (316)
Maryland (301)	South Jersey (306)	

### District VI (22 Sections)

**Defined District Territory:** Local sections having their headquarters in Alaska, Arizona, California, Hawaii, Nevada, Oregon, Washington; and those members with addresses in Arizona, Nevada, Oregon, Washington, in the provinces of Alberta, British Columbia, and Saskatchewan, and in the extra-provincial territories of Canada who are not assigned to local sections.

#### Local Sections in District VI

Alaska (643)	Oregon (617)	Santa Clara Valley (628)
California (601)	Portland (620)	Sierra Nevada (629)
California Los Padres (644)	Puget Sound (621)	Southern Arizona (632)
Central Arizona (602)	Richland (622)	Southern California (633)
Hawaii (608)	Sacramento (623)	Southern Nevada (600)
Inland Northwest (610)	San Diego (626)	Washington-Idaho Border (637)
Mojave Desert (611)	San Geronio (627)	
Orange County (616)	San Joaquin Valley (607)	

**ACS NEW COUNCILOR EVENTS FOR 2016**



**ACS NEW COUNCILOR  
ORIENTATION  
& RECEPTION**

Saturday,  
March 12, 2016  
3:30-7:00 PM

**ACS 2016  
Spring National  
Meeting  
San Diego, CA**

**ACS  
COUNCIL  
MEETING**

Wednesday,  
March 16, 2016  
8:00 AM-12 Noon

**ACS 2016  
Spring National  
Meeting  
San Diego, CA**

**GET INVOLVED!**

**ACS Committee  
Preference  
Submission**

**DUE  
June 2016**

**ACS  
COUNCIL  
MEETING**

Wednesday,  
August 24, 2016  
8:00 AM-12 Noon

**ACS 2016  
Fall National  
Meeting  
Philadelphia, PA**

**TOWN HALL MEETING – Sunday, March 13 from 4:30-5:30 PM**

**ACS Caucus Meetings for Councilors**

District II - Middle Atlantic Region - District IV - District V - District VI  
Sunday, March 13 @ 6:00 PM

Divisional Officers /Councilors – Tuesday, March 15 @ 4:00 PM      District I Councilors - Tuesday, March 15 @ 5:30 PM