

2018

NANOSCIENCE,  
NANOTECHNOLOGY  
& BEYOND

AMERICAN CHEMICAL SOCIETY  
National Meeting & Exposition

Aug. 19-23

Boston | MA



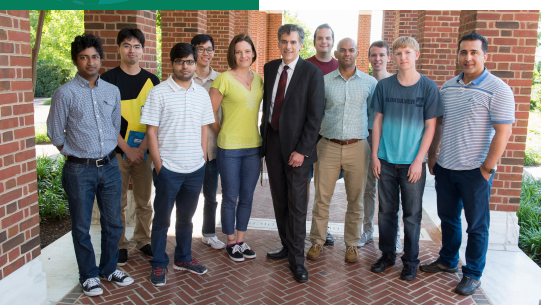
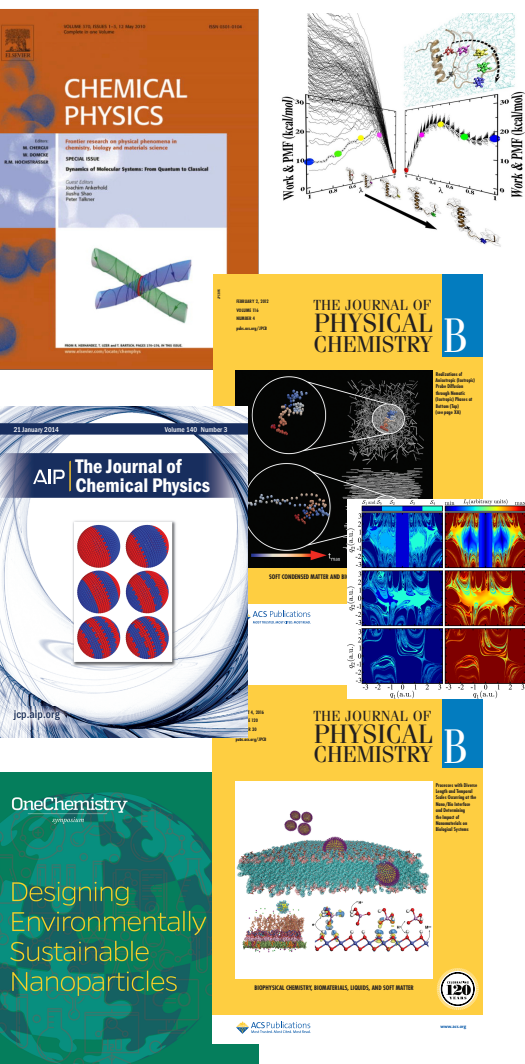
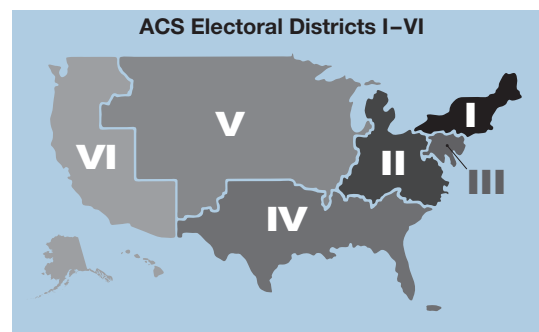
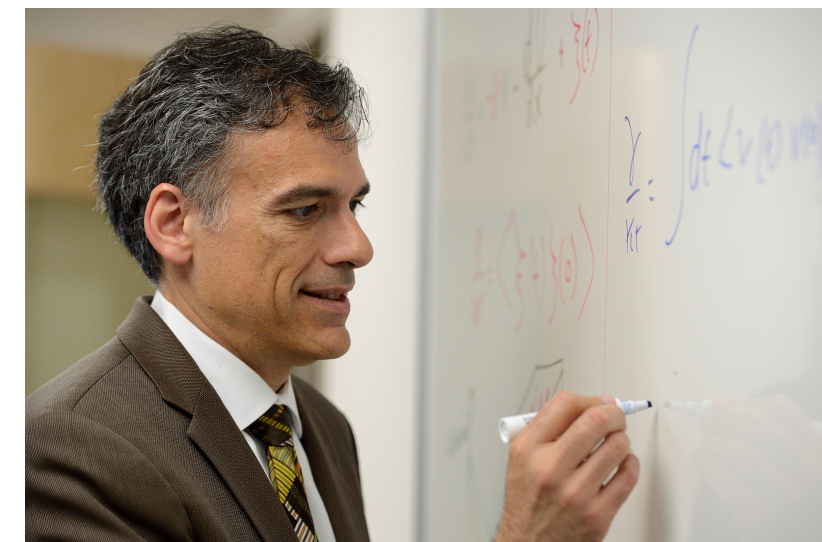
August 19, 2018

Governance

256th ACS (Fall) National Meeting, Boston, MA

# District IV Caucus

Rigoberto Hernandez

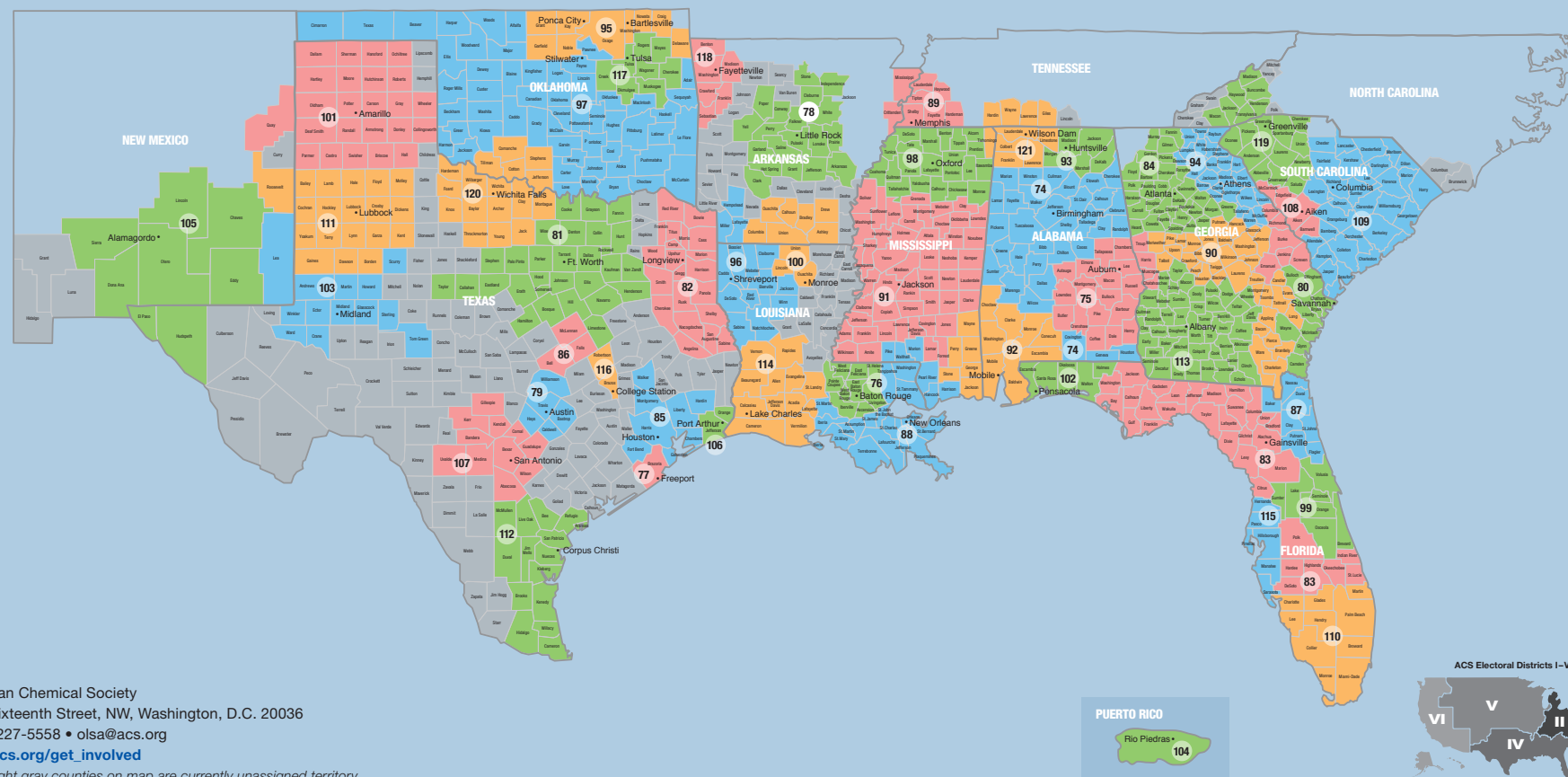


R. Hernandez  
@ Johns Hopkins



# Electoral District IV

District IV														
Map #	Section Name	Section	States	Charter Year										
74	Alabama	400	AL	1913	89	Memphis	456	AR/TN	1939	106	Sabine-Neches	433	TX	1943
75	Auburn	402	AL/GA	1950	90	Middle Georgia	454	GA	1942	107	San Antonio	447	TX	1947
76	Baton Rouge	403	LA	1939	91	Mississippi	422	MS	1948	108	Savannah River	434	GA/SC	1957
77	Brazosport	404	TX	1958	92	Mobile	423	AL/MS	1946	109	South Carolina	435	SC	1966
78	Central Arkansas	455	AR	1950	93	North Alabama	425	AL	1895	110	South Florida	409	FL	1920
79	Central Texas	446	TX	1917	94	Northeast Georgia	427	GA	1932	111	South Plains	462	NM/TX	1945
80	Coastal Georgia	410	GA	1958	95	Northern Oklahoma	457	OK	1922	112	South Texas	448	TX	1941
81	Dallas-Fort Worth	452	TX	1937	96	Northwest Louisiana	401	AR/LA	1970	113	Southwest Georgia	416	GA	1946
82	East Texas	451	TX	1970	97	Oklahoma	458	OK	1919	114	Southwest Louisiana	437	LA	1922
83	Florida	413	FL	1924	98	Ole Miss	420	MS	1983	115	Tampa Bay	406	FL	1939
84	Georgia	414	GA	1904	99	Orlando	411	FL	1991	116	Texas A&M	450	TX	1917
85	Greater Houston	436	TX	1917	100	Ouachita Valley	430	AR/LA	1949	117	Tulsa	463	OK	1947
86	Heart O' Texas	453	TX	1968	101	Panhandle Plains	459	NM/TX	1937	118	University of Arkansas	464	AR	1906
87	Jacksonville	417	FL	1985	102	Pensacola	431	FL	1960	119	Western Carolinas	442	NC/SC	1946
88	Louisiana	419	LA/MS	1906	103	Permian Basin	460	TX	1959	120	Wichita Falls-Duncan	465	OK/TX	1959
					104	Puerto Rico	445	PR	1947	121	Wilson Dam	444	AL/MS/TN	1937
					105	Rio Grande Valley	461	NM/TX	1971					



American Chemical Society  
 1155 Sixteenth Street, NW, Washington, D.C. 20036  
 1-800-227-5558 • [olsa@acs.org](mailto:olsa@acs.org)  
[www.acs.org/get\\_involved](http://www.acs.org/get_involved)  
 Note: Light gray counties on map are currently unassigned territory.  
 © MAP RESOURCES

<http://www.acs.org/elections>

ACS District IV Caucus

# BOD Regular Session



## JOIN THE ACS BOARD OF DIRECTORS REGULAR SESSION

Sunday, August 19, 2018 • Noon - 1:00 p.m.

Boston Convention & Exhibition Center  
Ballroom West (Ballroom Level 3)  
Doors open at 11:45 a.m.

*Sandwiches and soft drinks available while supplies last*

### FEATURING GUEST SPEAKER:

#### SIR FRASER STODDART, NORTHWESTERN UNIVERSITY

#### *“Transformative Research: Doing Your Own Thing”*



**Nobel Laureate Sir Fraser Stoddart, D.Sc.** is a Board of Trustees Professor of Chemistry and Director of the Center for the Chemistry of Integrated Systems at Northwestern University. Before moving to Northwestern in 2008, Professor Stoddart was formerly the Director of the California NanoSystems Institute and the Fred Kavli Chair of NanoSystems Sciences at the University of California, Los Angeles.

Throughout his distinguished career, Professor Stoddart has received numerous prestigious awards and honors for his discoveries and innovations. In 2016, he was awarded the Nobel Prize in Chemistry along with Ben Feringa (University of Groningen, the Netherlands) and Jean-Pierre Sauvage (University of Strasbourg, France) for the design and synthesis of molecular machines.

Professor Stoddart is a pioneer in the fields of supramolecular chemistry and molecular nanotechnology, and his work has helped open up a new field of chemistry. His research interests are in chemistry beyond the molecule, which, combined with his interest in templation, has led to the template-directed synthesis, based on molecular recognition and self-assembly processes, of a wide range of mechanically interlocked molecules, bistable variants of which have found their way in the form of switches into molecular electronic devices and drug delivery systems.

*The Sunday Times* in the U.K. once noted that Stoddart “is to nanotechnology what J.K. Rowling is to children’s literature.” Professor Stoddart is a native of Scotland, and he received his B.Sc., Ph.D., and D.Sc. degrees from Edinburgh University.

Nobel Laureate Sir Fraser Stoddart is serving as Champion for the 50 Forward fundraising campaign in celebration of ACS Project SEED’s 50<sup>th</sup> Anniversary. He is active in reaching out to new scientists as well as others both inside and outside the scientific community via @sirfrasersays on Twitter.

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- Focus on “Transformative Research: Doing Your Own Thing” :
  - Sir Fraser Stoddart, Northwestern
- Sunday, August 20, Noon – 1:00 p.m.; doors open at 11:45AM
- Ballroom West (Ballroom Level 3), Convention Center



# Board Executive Session Actions



- Nominees for 2019 Perkin Medal and National Science Board Public Service Award
- Editor-in-Chief appointments and reappointments
- Advanced member registration for national meetings in 2019 at \$490



# Board Executive Session Report Highlights



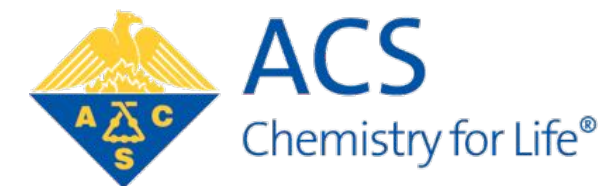
- Corporation Associates
- Globalization
- Leadership Advisory Board
- Executive Director and CEO

# Budget & Finance Report

- Rigoberto Hernandez



American Chemical Society



# Report from the Society Committee on Budget and Finance

ACS Councilor Caucus  
Fall National Meeting  
Boston, MA  
August 2018

# Discussion Items



- **2018 Probable 1 Projection**
- **Financial Guidelines**
- **Proposed 2019 National Meeting Registration Fee**
- **Financial Information at [www.acs.org](http://www.acs.org)**



# 2018 Probable 1 Projection

Net from Operations  
(\$ in thousands)



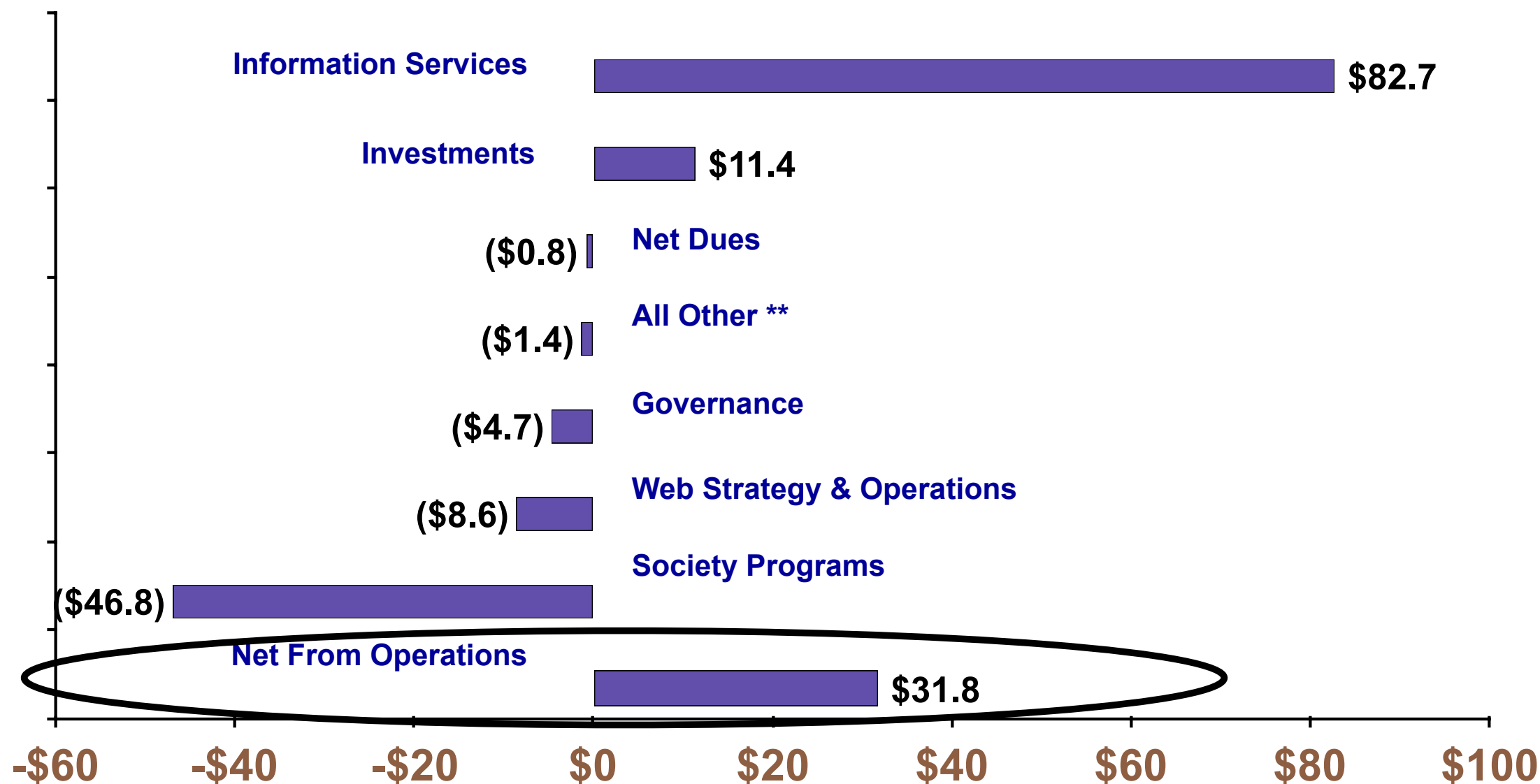
	2018 Approved Budget	2018 Probable 1	Probable vs. Approved	Variance %
Revenues	\$ 559,361	\$ 565,088	\$ 5,727	1.0%
Expenses	528,812	533,252	(4,440)	-0.8%
Net from Operations	\$ 30,549	\$ 31,836	\$ 1,287	
Return on Revenue	5.5%	5.6%		

Note: Excludes ACS Petroleum Research Fund and Member Insurance Program

# 2018 Probable 1 Projection \*

## Net from Operations

(\$ in Millions)



\* Note: Excludes ACS International, Ltd., Hampden Data Services, Ltd., ACS Petroleum Research Fund, and the Member Insurance Program.

\*\* Note: All Other includes the Development Office and Unallocated Indirect Costs.

# Financial Guidelines



Guidelines	Targets	2018 Probable 1
Current Ratio	0.65x target	
Debt Ratio	50% maximum	N/A
Free Cash Flow	3-year rolling average of free cash flow > 0	
Sustainability	4.0% - 8.0% ROR target	
Fund Balance Ratio	50% minimum	

# Proposed 2019 Advance Member Registration Fee

(per National Meeting Long-Range Financial Plan)



- **Base Rate for 2018 Advance Member Registration Fee: \$475.00**
- **Change in Consumer Price Index, Urban Wage Earners, Services Category (CPI-W Services)**
  - 2017 CPI-W (Services) 305.191
  - 2016 CPI-W (Services) 297.480
    - Change in CPI: +2.59%
- **Base Rate Increase According to Change in CPI**
  - $\$475 \times 1.0259 = \$487.30$
  - Rounding to greatest \$5.00 increment = \$490.00
  - *Plus Incremental cost adjustment of \$15.00*
- **Recommended 2019 Advance Member Registration Fee: \$505.00**
- **In light of recent positive performance, the BOD approved the Advance Member Registration fee at \$490.00**



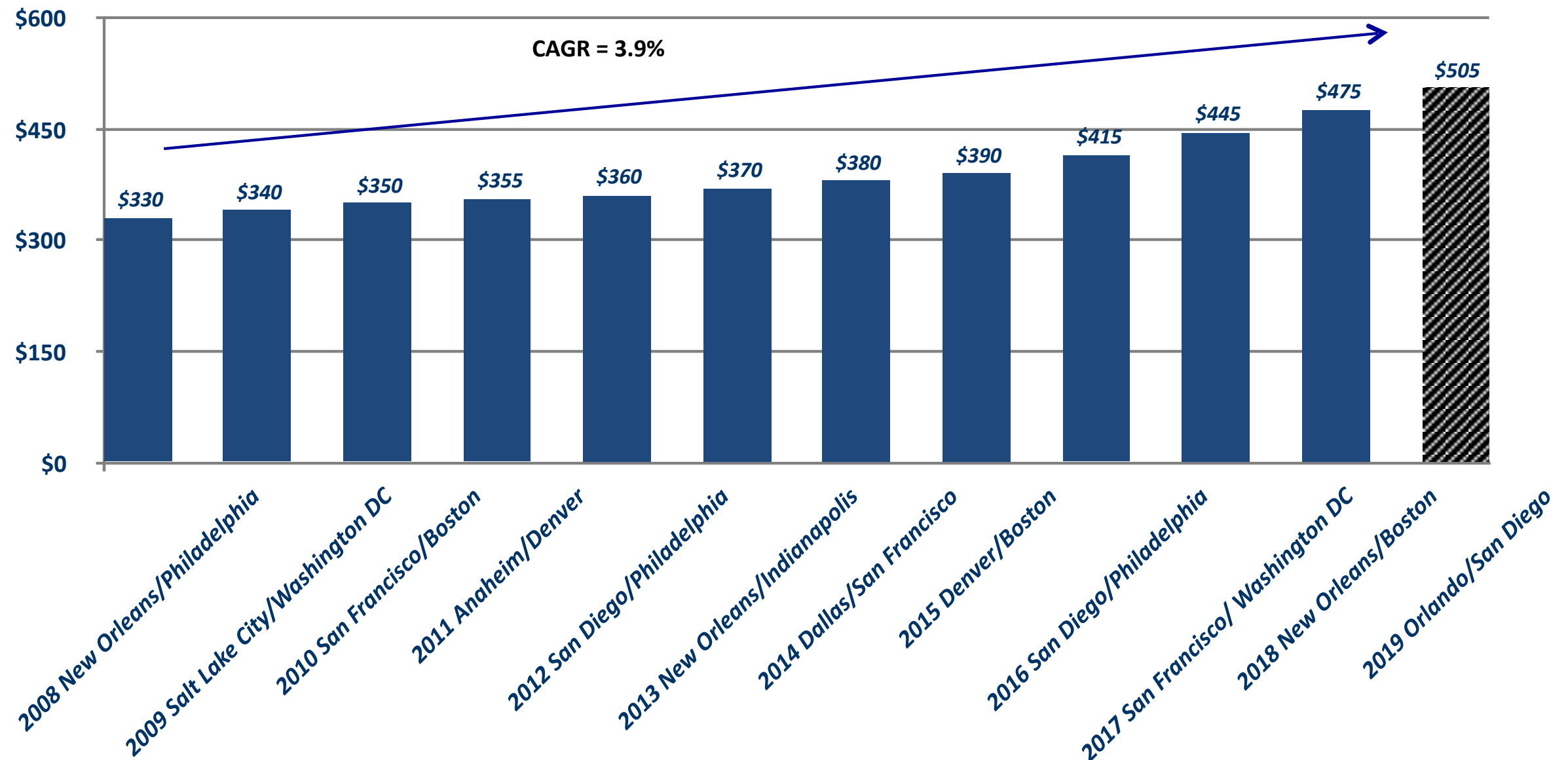
# 2018 Meeting Registration Fees Sister Organizations



Organizations	Advance Member Rate (\$)	Advanc e-Non- Member Rate (\$)
American Institute of Chemical Engineers	1,065	1,305
American Nuclear Society*	910	1,110
American Association of Pharmaceutical Scientists	695	1,080
American Ceramics Society	635	785
IEEE	625	800
Amer. Assoc. of Clinical Chemistry	595	875
American Physiological Society	560	760
American Society for Biochemistry and Molecular Biology	560	760
<b>American Chemical Society*</b>	<b>475</b>	<b>830</b>
American Physical Society	400	580
Amer. Assoc. for the Adv. of Science	380	480
Association for Psychological Science	335	650

\* An asterisk indicates two meetings per year

# Advance Member Registration Fee 2008 – 2018 Actual; 2019 Proposed



# Technical Meeting Financial Target

## 0% Return on Revenue

(Five Year Rolling Average)



Technical Meetings & Abstracts <sup>(1)</sup>						
Return on Revenue - Target 0% (Effective 2016)						
Five Year Rolling Average Calculation						
(Dollars in \$000)						
Year End	Total Revenue	Net Contribution	Return on Revenue %	Five Year Cumulative Revenue	Five Year Cumulative Net Contribution	Return on Revenue 5-Year Rolling Average
2012 Actual	\$7,337	(\$748)	(10%)	\$32,838	(\$2,300)	(7%)
2013 Actual	\$6,591	(\$887)	(13%)	\$33,261	(\$2,263)	(7%)
2014 Actual	\$8,254	(\$1,062)	(13%)	\$35,739	(\$2,255)	(6%)
2015 Actual	\$7,503	(\$1,286)	(17%)	\$35,718	(\$3,760)	(11%)
2016 Actual <sup>(2)</sup>	\$8,278	(\$1,134)	(14%)	\$37,963	(\$5,117)	(13%)
2017 Actual	\$9,786	\$295	3%	\$40,412	(\$4,074)	(10%)
2018 Probable 1	\$10,454	\$2,225	21%	\$44,275	(\$962)	(2%)

Note (1): Reflects financial activity resulting from Spring and Fall National Meetings, Spring and Fall Abstract Books and National Meeting Administration

Note (2): 2016 is the first year with an 'incremental cost adjustment' of \$15 included in the Member Registration Fee.

# 2018 Schedule of National Meeting Registration Fees

Full Conference 2018 - Members			Full Conference 2018 - NonMembers		
	Early	STD/ Onsite		Early	STD/ Onsite
ACS Member or Society Affiliate	\$475	\$570	ACS Member or Society Affiliate	\$830	\$995
Emeritus or Retired	\$240	290	Pre-College Teacher	\$120	\$120
50-year or Unemployed	\$0	\$0	Graduate Student	\$475	\$475
Graduate Student	\$240	\$240	Pre-College Teacher or Undergraduate Student	\$240	\$240
Pre-College Teacher or Undergraduate Student	\$120	\$120			

- *This is all based on the 2018 Advanced Registration Fee of \$475*



# At [www.acs.org](http://www.acs.org)



The screenshot shows the ACS website with the following elements and annotations:

- Step #1:** A red circle highlights the "ABOUT ACS" link in the top navigation bar.
- Step #2:** A red box highlights the "Our Organization" link in the main navigation bar.
- Financial:** A red circle highlights the "Financial" link in the dropdown menu under "Our Organization".

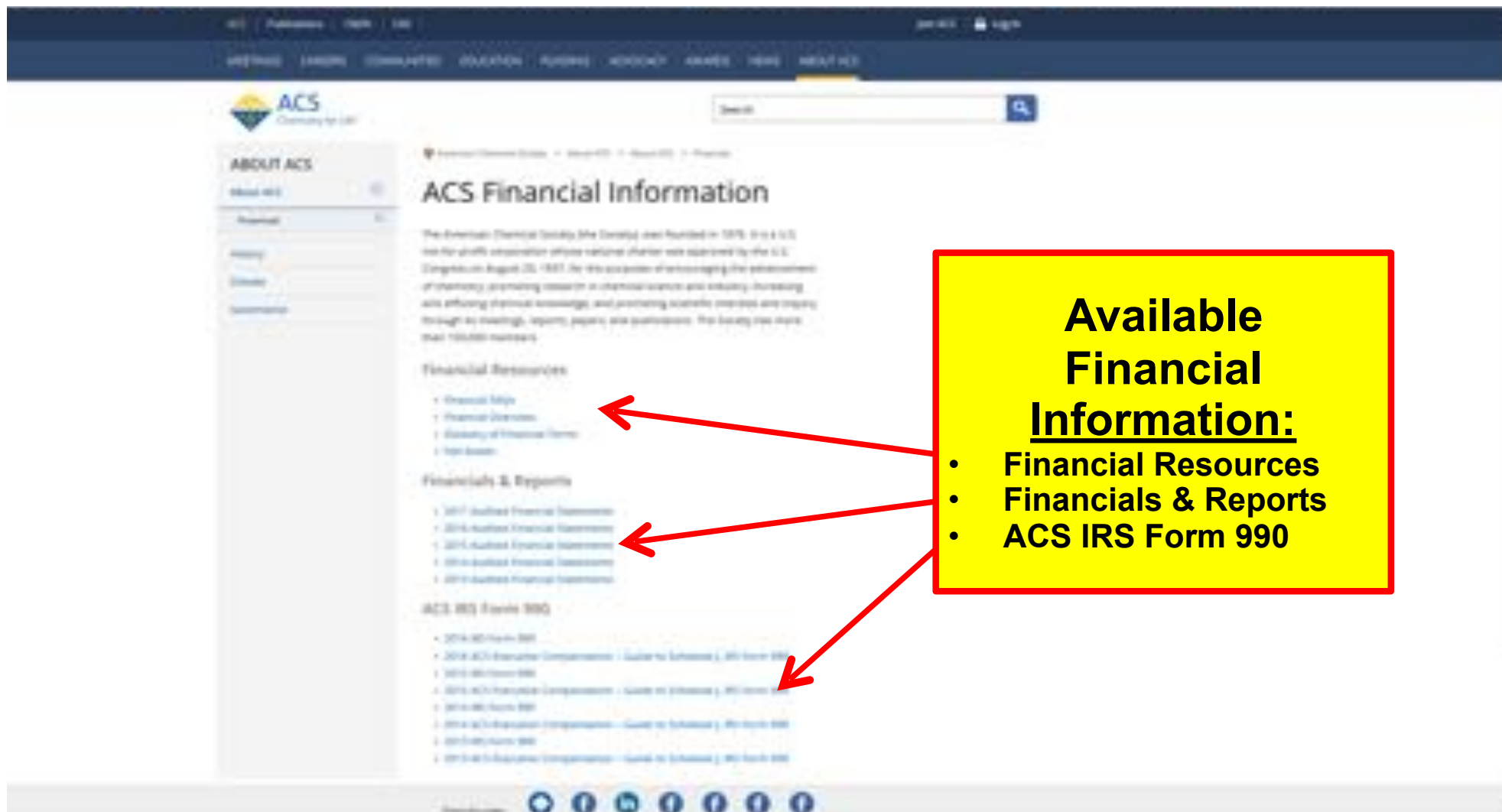
The main content area features a banner with the text: "About ACS. With more than 150,000 members in 140+ countries, we are the premier home of chemistry professionals."

The dropdown menu under "Our Organization" includes the following items:

- Strategic Plan
- History
- Governance
- Financial
- Annual Report
- Branding Guidelines

The bottom of the page features a blue bar with the text "What We Do".

# At [www.acs.org](http://www.acs.org)



The screenshot shows the ACS Financial Information page. A yellow callout box with a red border contains the text: **Available Financial Information:**

- Financial Resources
- Financials & Reports
- ACS IRS Form 990

Red arrows point from the callout box to the corresponding sections on the webpage:

- Financial Resources
- Financials & Reports
- ACS IRS Form 990

American Chemical Society



*Questions?*

# Report from the Society Committee on Budget and Finance

ACS Councilor Caucus  
Fall National Meeting  
Boston, MA  
August 2018

# Nominations & Elections

Mamie Moy &  
Amber Hinkle



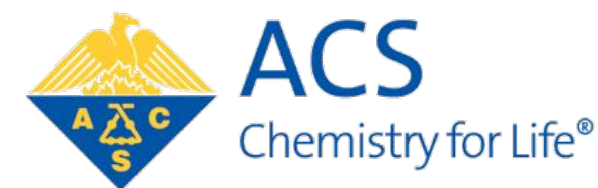
Send suggestions/nominations for potential new leaders to  
[nomelect@acs.org](mailto:nomelect@acs.org)

# IAC Representative

- Jorge L. Colón



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# ACS Bylaw IX Revision

## ACS National Meeting

### Boston, MA USA

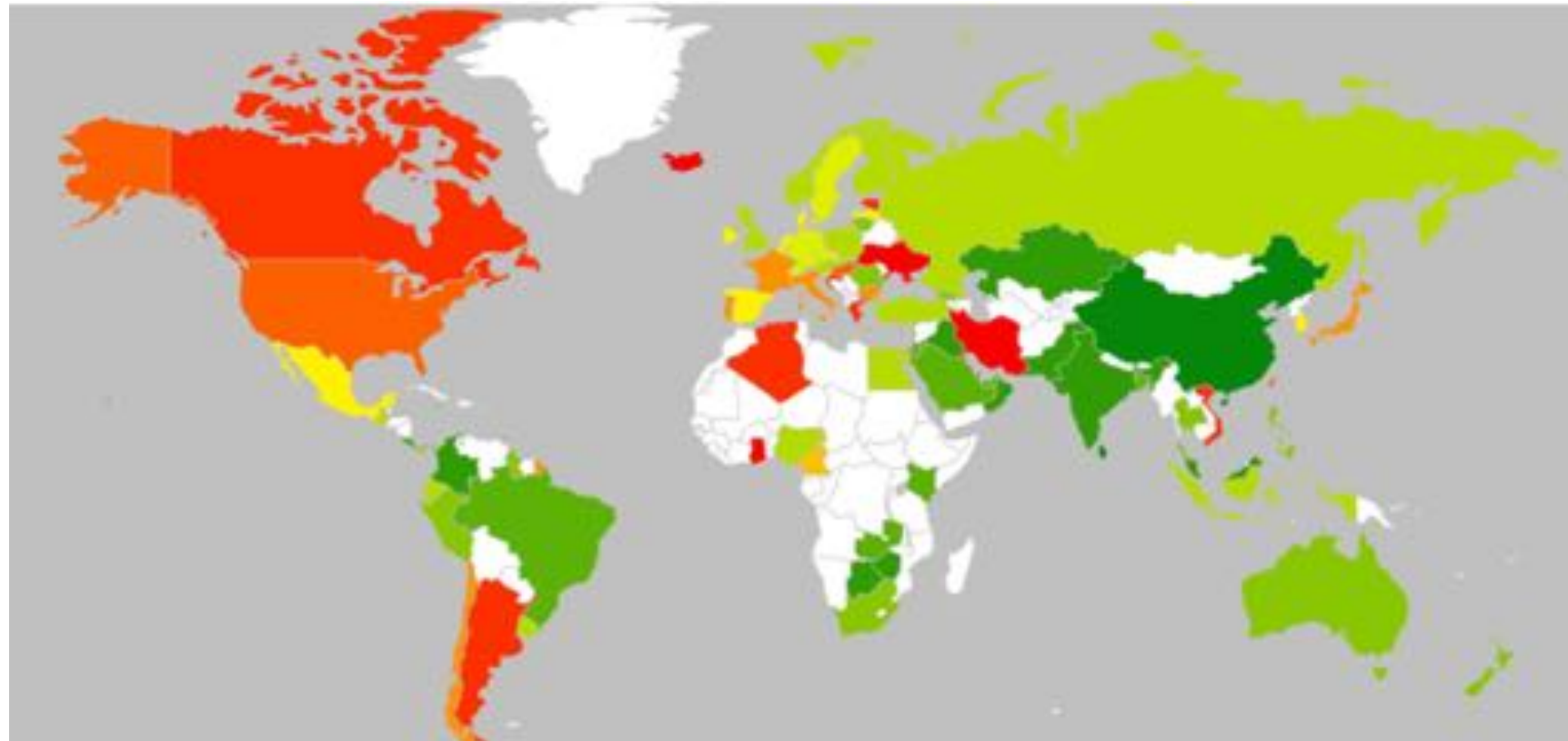
# ACS Global Membership



- The American Chemical Society (ACS) is a global organization; as of December 31, 2017 **18.1%** of its members lives and/or works in **134** countries outside the United States.
- Over the past 10 years, the total membership of the ACS has decreased from just over 160,000 to just under 151,000 (-5.7%); domestic membership has decreased by 10.9% (over 138,000 to over 123,000).
- **Foreign membership has increased by 27.5% (over 21,000 to over 27,000).**
- **About 18.7% of “national” dues revenue collected in 2017 originated from members living outside the United States.**



ACS Membership Percent Change 2007 to 2017 Y/E Closes



500%+  
200% → 500%  
100% → 200%  
50% → 100%  
20% → 50%  
10% → 20%  
0% → 10%

0%  
-10% → 0%  
-20% → -10%  
-50% → -20%  
-100% → -50%

Note: Only calculated for countries that had 5 or more members in 2017

# ACS International Chapters



- **Local Sections do not currently exist for ACS international members.**
- International Chapters are governed and operated by ACS member volunteers (foreign and US citizens) living outside the USA to provide activities and programs in support of ACS goals.
- Currently, there are 21 International chapters; **membership in Chapter countries totaled 9,800 ACS members as of the end of 2017.**
- The International Chapters work in close cooperation with their corresponding national chemical societies, and serve as a major link between our Society and the other organizations.

# ACS Bylaw IX



The proposed change in Bylaw IX is as follows (additions underlined; deletions ~~struck through~~): “An International Chemical Sciences Chapter ~~shall receive no allocation of funds from the SOCIETY and shall not be entitled to elected representation on the Council.~~ A Chapter may assess its members local Chapter dues to be expended for its own purposes in harmony with the objects of the SOCIETY. (11/18/91).”

# ACS Bylaw IX



- The petition that will be under consideration by Council on Wednesday, August 22, in Boston represents an update to ACS Bylaw IX, which was written more than 25 years ago when the concept of the International Chemical Sciences Chapters was first introduced.
- The proposed **change to Bylaw IX does not allocate any financial resources or additional ACS representation to the International Chapters.** The change simply removes a barrier to other relevant ACS Governance Units, which, having investigated the need for those possibilities, choose to make further proposals.

# Informational Items

- Attendance Statistics
- Upcoming Regional Meetings
- Local Section Anniversaries

# Boston, MA - Registration Statistics



Attendees	7,883
Students	3,539
Exhibitors	1,006
Expo Only	362
Guests	424
<b>Grand Total</b>	<b>13,214</b>

- *As of Saturday, August 18, 2018*

# Fall Meeting Registration Statistics

<b>Meeting</b>	<b>San Fran Fall'14</b>	<b>Boston Fall'15</b>	<b>Philly Fall '16</b>	<b>DC Fall '17</b>	<b>Boston Fall'18</b>	<b>San Diego Fall'19</b>
Attendees	9,324	7,971	7,011	7,361	7,883	
Students	3,454	3,304	3,123	2,828	3,539	
Exhibitors	1,029	1,186	1,056	853	1,006	
Expo Only	330	321	409	264	362	
Guests	441	0	225	309	424	
<b>Grand Total</b>	<b>14,578</b>	<b>12,782</b>	<b>11,824</b>	<b>11,615</b>	<b>13,214</b>	

- *As of Saturday, before the meeting start*



# Spring Meeting Registration Statistics

<b>Meeting</b>	<b>Dallas Spring'14</b>	<b>Denver Spring'15</b>	<b>San Diego Spring '16</b>	<b>San Fran Spring'17</b>	<b>NOLA Spring '18</b>	<b>Orlando Spring'19</b>
Attendees	6,495	6,918	7,786	9,276	7,937	
Students	4,802	4,793	5,527	6,510	5,984	
Exhibitors	877	773	976	994	753	
Expo Only	293	219	272	248	178	
Guests	241	224	287	339	348	
<b>Grand Total</b>	<b>12,709</b>	<b>12,927</b>	<b>14,848</b>	<b>17,367</b>	<b>15,198</b>	

- *As of Saturday, before the meeting start*

# Regional Meetings

## ● SERMACS

- Augusta, Georgia
- October 31 - November 3, 2018  
@ Augusta Convention Center
- Dr. Chris Bannochie and Dr. Tad Whiteside,  
General Chairs
- <http://sermacs2018.org>



## ● SWRM

- Little Rock, Arkansas
- November 7-10, 2018  
@ Little Rock Marriott
- Dr. Howard Hendrickson, Program Chair
- <https://swrm.org/>



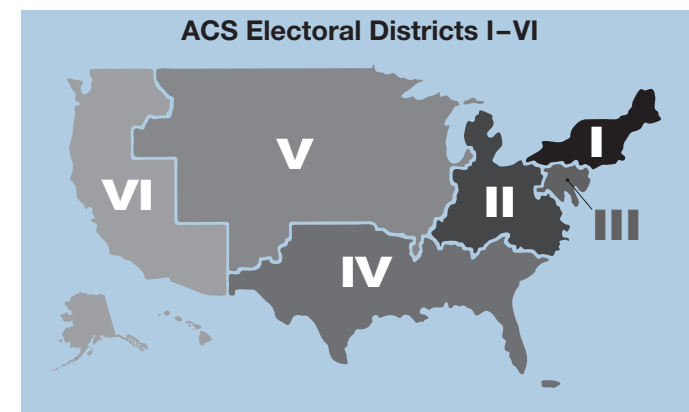
# 2018 Local Section Anniversaries

- **50 Year Anniversaries:**

- Heart O'Texas: 50
- Northeast Georgia: 50

- **Multiples of 5:**

- Alabama: 105
- Brazosport: 60
- Coastal Georgia: 60
- Mobile: 70
- Ole Miss: 35



**Get Involved,  
Stay Involved**

# For Council Action/Info

- N&E: p. 17-25 Election to Council Policy Committee (CPC)
- N&E, p. 26-34: Election to Committee on Nominations and Elections (N&E)
- N&E: p. 35-42: Election to Committee on Committees (ConC)
- CMA, Petition on Affiliation with Other Technical Organizations, p 84-85– **For Action**
  - To include “approval by their respective Council committees governing Local Sections and Divisions “ for the creation of such affiliations
- ➔ CMA, Petition to Remove Restrictions for International Chemical Sciences Chapters, p 86-87– **For Action**
  - Allowing ICS chapters to assess dues, and removing the restriction presently forbidding them to receive allotments from the ACS
- ➔ C&B – Petition to Streamline the ACS Governing Documents, p. 91-148— **For Consideration**
- IAC: charter new International Chemical Sciences Chapters , p. 166 – **For Action**
  - For the formation of the Colombia International Chemical Sciences Chapter
- ➔ **Special Discussion Item:** What role(s) should ACS play in preventing sexual harassment in the sciences?

# ACS District IV: Let's Caucus

