



# Double Bond

*The Newsletter of the Western New York Section of the American Chemical Society*

Volume 93

September 2021

## CALL FOR OFFICER NOMINATIONS

If you are interested in the goals and activities of the American Chemical Society, then get involved with the Western New York Local ACS Section. We are looking for members who can bring energy and ideas to the Local Section Executive Committee. Positions to be filled include:

- Vice-Chair** (for 2022)
- Treasurer** (2022-2023)
- Councilor** (2022-2024)
- 2 Members-at-Large** (2022-2023)

If you are interested in becoming more active in our section, or wish to nominate someone for one of these offices, please contact a member of the current executive board listed at the end of this newsletter to discuss your ideas. If you have no experience with the local section, contact us; we can help you get involved!

Nominations, including contact information for you and the nominee, should be sent to Dr. Timothy Gregg by email by Friday, October 1, 2021.

## WNYACS UNDERGRADUATE RESEARCH SYMPOSIUM

Preparations are under way for the 2022 Undergraduate Research Symposium, to be held at SUNY Buffalo State. Save the date: Saturday, April 9, 2022, for this event that will feature presentations by student researchers from our colleges and Universities, as well as Keynote speakers. Further information will come out in this newsletter, and will be sent, in January, directly to research advisors across New York, Western Pennsylvania and southern Ontario.

## CELEBRATE NATIONAL CHEMISTRY WEEK OCTOBER 17-23, 2021



### FAST or SLOW...Chemistry Makes It Go!

National chemistry week (NCW) is a public awareness campaign that promotes the value of chemistry in everyday life. ACS members and chemistry enthusiasts celebrate NCW by coordinating events and communicating the importance of chemistry.

Read more about NCW at their website:

[www.acs.org/content/acs/en/education/outreach/ncw.html](http://www.acs.org/content/acs/en/education/outreach/ncw.html)

Local section members are encouraged to think about events we can run in October, and to discuss plans with a member of the executive board for help with funding, information, and communication. Help make NCW 2021 a success in Western New York.



## NATIONAL MOLE DAY

OCTOBER 23, 2021

Visit the website of the National Mole Day Federation

[www.moleday.org/](http://www.moleday.org/)

**PITTCON GROUPS OFFER  
MEMBERSHIP TO WNYACS MEMBERS**

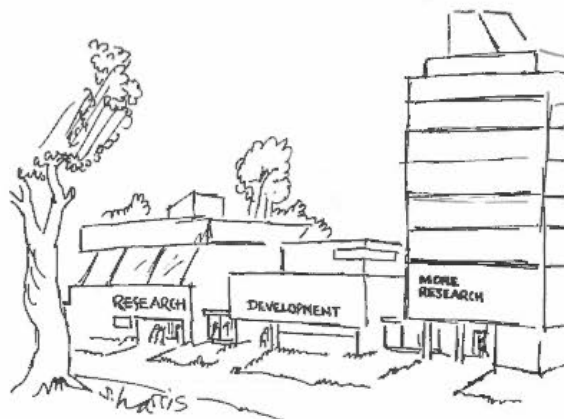
The Spectroscopy Society of Pittsburgh (SSP) and the Society for Analytical Chemists of Pittsburgh (SACP) have expanded the geographical range of their memberships to include New York State. The societies meet jointly from September through April, offering technical programs that include renowned speakers from across the country. All meetings are free to attend virtually and offer chemical professionals, as well as students, the ability to stay current with advancements in a broad range of scientific fields.

These groups jointly organize the Pittsburgh Conference (Pittcon), proceeds from which support various outreach and educational programs. Western New York ACS members who join SSP or SACP stand to benefit directly, and are indirectly helping to promote science education.

Contact Heather Juzwa, SSP Chair, or Bradley Davis, SACP Chair, for mor information, or go to these websites for membership information:

[www.ssp-pgh.org](http://www.ssp-pgh.org)

[www.sacp.org](http://www.sacp.org)



**80 YEARS AGO IN THE DOUBLE BOND**

*The following appeared in the September, 1941  
edition of the Double Bond*

**SEPTEMBER MEETING**

Western New York Section American Chemical Society  
Hotel Niagara Niagara Falls, N. Y.  
Tuesday, September 16th

•  
DINNER 6:30 P. M.  
Price \$1.25 per person

•  
MEETING 8:30 P. M.

G. PRESTON HOFF, Rayon Department E. I. du Pont de Nemours & Co.  
*will speak on*  
NYLON

and show movies describing the fabrication and processing of nylon

•  
DANCING 10:00 till 1:00  
ERNIE WHISTLER'S ORCHESTRA

•  
→ Use the enclosed reply card to make your dinner reservation now.

### SSP/SACP 2021–2022 MONTHLY MEETING CALENDAR

Technology Forum – 5:30 pm

Business Meeting – 7:15 pm

Technical Program – 8 p.m.

\*Note – Different times for September Meeting

Date	Speaker / Institution / Topic	Host
<p><b>Sept 22, 2021</b> <i>SACP Technical Program</i></p>	<p>6:45 Business Meeting, 8 p.m. Technical Program  Dr. Rita Mihailescu, Duquesne University <b>Genomic Rna Dimerization And Viral-Host Interactions I N Sars-Cov-2</b></p>	<p>SACP</p>
<p><i>SSP Technology Forum</i>  <b>October 13, 2021</b>  <i>SSP Technical Program</i></p>	<p>Reid Frazier, Energy Reporter, The Allegheny Front <b>Covering Western PA's Energy &amp; Environmental Issues</b>  Isao Noda, University of Delaware <b>Historical Perspective on the Development of 2D Correlation Spectroscopy (Virtual Presentation)</b></p>	<p>SSP</p>
<p><i>SSP Technology Forum</i>  <b>Nov 17, 2021</b>  <i>SACP Technical Program</i></p>	<p>Victoria Ren, Cofounder &amp; Executive Director, Stem and Buds <b>Stem &amp; Buds Youth Mentoring Initiative</b>  Dr. Robbyn Anand, Iowa State University <b>Sensitive Electrochemical Detection of Nucleic Acids Following Electrokinetic Enrichment in a Bed of Bioconjugated Beads for Point-of-Care Testing (Virtual Presentation)</b></p>	<p>SACP</p>
<p><b>Dec. 2020</b></p>	<p> <b>No Meeting --Happy Holidays!</b> </p>	
<p><i>SSP Technology Forum</i>  <b>Jan. 26, 2022</b>  <i>SSP Technical Program</i></p>	<p>TBA  Paul Ohodnicki, University of Pittsburgh <b>Application of Fiber Optic Sensing for Remote Detection in Harsh Environments</b></p>	<p>SSP</p>
<p><i>SSP Technology Forum</i>  <b>Feb 16, 2022</b>  <i>SACP Technical Program</i></p>	<p>Paul Gardullo, Co-Director of the Center for the Study of Global Slavery, Smithsonian National Museum of African American History and Culture <b>Slave Wrecks Project</b>  Dr. Lisa Jones, University of Maryland School of Pharmacy <b>In-Cell Protein Footprinting Coupled with Mass Spectrometry for Structural Biology Across the Proteome</b></p>	<p>SACP</p>
<p><b>March 5-9, 2022</b></p>	<p> </p>	<p>Elias S. Absey, President</p>
<p><b>April 13, 2022</b>  <i>SSP Technical Program</i></p>	<p>SSP/SACP Former Chair Night  Hannah Kaplan, Ph.D., NASA Goddard Space Flight Center <b>Analysis of the Asteroid Bennu as Part of the OSIRIS-Rex Mission</b></p>	<p>SSP</p>
<p><b>May 25, 2022</b></p>	<p><b>Awards Banquets</b> Student Union Building - Duquesne University</p>	<p>SACP, SSP &amp; ACS</p>

**COUNCILOR'S REPORT**  
**2021 ACS Virtual Meeting**  
**March 24, 2021**

**Candidates for President-Elect, 2022**

- The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2022: Gerard Baillely, Anne M. Gaffney, Judith C. Giordan, and John C. Warner. By electronic ballot, the Council selected **Judith C. Giordan** and **John C. Warner** as candidates for 2022 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

**Candidates for Districts I and V (WNY is in District 1**

- The Committee on Nominations and Elections announced the results of the election held prior to the virtual Council meeting to select candidates from the list of nominees for Directors from District I and District V on the Board of Directors for the term 2022-2024. By internet ballot, the Councilors from these districts selected D. Richard Cobb and Katherine L. Lee as District I candidates; and Lisa Balbes and Joseph A. Heppert as District V candidates. Ballots will be distributed to members residing in District I and District V around October 1, 2021

**Candidates for Directors-at-Large**

- The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for 2022-2024 terms: Rodney M. Bennett, Arlene Garrison, Natalie A. LaFranzo, and Lee H. Latimer. The election of two Directors-at-Large from among these four candidates and any selected via petition will be conducted in the fall. Ballots will be distributed to all Councilors around October 1, 2021.

**Other Council Actions****Committee on Local Section Activities Petition**

- The Council approved the Petition to Amend the Duties of the Committee on Local Section Activities.  
This petition provides the Committee on Local Section Activities with the authority to support Local Sections by taking action on their behalf, including appointing an interim executive committee and/or facilitating a Local Section's election when there is a lapse in the local section's leadership

**2022 Schedule of Membership**

- The Council approved the 2022 Schedule of Membership, upon recommendation of the Committee on Membership Affairs:
- The Schedule reduces the base dues rate to \$160 per year
- It establishes various dues categories and benefits packages based upon career stages, role in the chemical enterprise, and desired level of interaction by the Member with the Society.

**Highlights from Committee Reports****Budget and Finance**

- In 2020, ACS generated a net from operations of \$61 million, which was almost \$20 million higher than the budget. Total revenues were \$618.4 million, increasing 3.9% or \$23.1 million over 2019. Expenses for the year were \$557.4 million, virtually even with the prior year and almost 5 percent below budget. This result was attributable to strong revenue performance from the Society's Information Services units (i.e., CAS and ACS Publications) and a combination of COVID-19 related impacts on, and careful management of, expenses across the ACS.
- The Society's 2020 Net from Operations totaled \$130.5 million and included Information Services and Investments. The Society's financial position strengthened considerably in 2020, with Unrestricted Net Assets, or reserves, increasing by 35 percent to \$553 million at December 31. The increase was primarily the result of the \$61 million net from operations, and growth of the Society's investments totaling \$66 million.

**Board-sponsored Keynote at ACS Spring 2021**

- On April 14, the Board will sponsor a keynote session on the "Future of Science in the U.S.: National Science Board's Vision 2030" at the ACS Spring 2021 virtual meeting. This will be a moderated session with speakers from the National Science Board, as they discuss the NSB report, "Vision 2030", and explore needed changes to ensure U.S. pre-eminence in science. More information will be posted soon on the ACS Meetings and Expos.

Submitted by  
Dave Nalewajek, WNYACS Councilor

**COUNCILOR'S REPORT  
2021 ACS Fall Hybrid Meeting  
Atlanta, Georgia  
August 22-26, 2021**

**Election Results: Elected Committees of Council**

- By electronic ballot, the Council elected **Donna G. Friedman, Matthew Grandbois, Fran K. Kravitz**, and **Louise M. Lawter** for a three-year term (2022-2024) on the Council Policy Committee (CPC).
- By electronic ballot, the Council elected **Mary K. Engelman, Malika Jeffries-El, Brian M. Mathes, Susan V. Olesik**, and **Susan M. Schelble** for a three-year term (2022-2024) on the Committee on Committees.
- By electronic ballot, the Council elected **Allison Aldridge, Holly L. Davis, Peter K. Dorhout, Silvia Ronco**, and **Martin D. Rudd** for a three-year term (2022-2024) on the Committee on Nominations and Elections (N&E). The initial round produced a tie vote for fifth place and was resolved by a run-off.

**Other Council Actions**

- On the recommendation of the Committee on Committees, and with the concurrence of the Council Policy Committee, Council approved the Petition to Amend the Duties of the Committee on Minority Affairs. The Petition was amended on the floor of Council to strike the word "minority" in Standing Rule VIII, Sec. 1, b, (9).
- The Council (and then the Board) also approved the continuation of the Committee on Environmental Improvement.
- On the recommendation of the Committee on Economic and Professional Affairs, and with the concurrence of the Council Policy Committee, Council (and then the Board) approved the 10th version of the Professional Employment Guidelines.

**Council Special Discussion**

President Cheng introduced and led a special discussion on ideas to increase involvement and membership from business and industry. For the last 5 years there has been a steady decrease in industry members. This can be attributed to a variety of factors, but there have been ongoing efforts to decrease the cost-related attrition while increasing member value. To address value, ACS has a variety of offerings available to members to advance, discover, connect, and share. To address cost, actions were taken by the Council this past spring in the schedule of membership for 2022 that will provide industry members with flexibility as to membership options. Councilor input was then requested on the following two questions:

1. How can we improve the value that ACS provides to its industrial and business members?
2. How can we encourage academic inventors and entrepreneurs and support start-ups?

A 30-minute discussion followed with suggestions to be evaluated by the Board of Directors for presentation to the Councilors at a later date.

**Highlights from Committee Reports**

**Budget and Finance**

The Society's 2021 financial performance through June 30 yielded a Net Surplus from Operations of \$55.0 million, which is \$33.6 million favorable to budget and almost \$6 million greater than the same period in 2020. These mid-year results are based on total revenues of \$324.4 million that are 4.3% favorable to budget, and total expenses of \$269.4 million, or 7% below budget, with unrestricted net assets estimated at \$645 million.

**Committee on Committees**

ConC will again conduct a Committee Census (formerly called the Committee Demographic Survey) of all Society Committee personnel, including the members of committees elected by Council, in February 2022. This census gives ConC a snapshot of where the committee demographic picture stands as they look toward future recruitment and retention. To assist ACS in advancing its core value of Diversity, Equity, Inclusion and Respect, ConC would like to encourage all committee members and ACS leaders to take the two-hour course entitled "Leading Inclusively: Beyond Lip Service," developed by La'Wana Harris, a Certified Diversity Executive, International Coaching Federation (ICF) Credentialed Coach, and global leadership development professional. To Register, please go to:

[learning.acs.org/course/view.php?id=996](https://learning.acs.org/course/view.php?id=996)

**Meetings & Expositions**

The Fall 2021 Meeting was held live from August 22-26, and on-demand from August 30 – September 30. As of August 25th, there were 8,205 registrations (1,895 hybrid and 6,310 virtual). Of the approximately 1,200 oral sessions held, 71 were only in-person, 244 were hybrid, and 855 were held virtually.

**Confirmation of Council Actions**

As required in the Standing Rules, the Board voted and confirmed the Council's actions taken on August 25, 2021 to approve the Petition to Amend the Duties of the Committee on Minority Affairs; approved the continuation of the Committee on Environmental Improvement; and approved the ACS Professional Employment Guidelines (10th Edition).

**Other**

The Spring 2022 meeting in San Diego will also be a hybrid meeting. Announcements will be provided in future C&E News printings.

Submitted by  
Dave Nalewajek, WNYACS Councilor



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The *NF=B Double Bond* (aka *Double Bond*) is published from September through June by the WNY Section of the ACS. Contact information is at our website: <https://wnyacs.org>. Member subscriptions are included in the annual National ACS dues. Permission to reprint is granted for this publication.