



**WELCOME**

# **ASMS Meeting**

## **June 4, 2025**

**BALTIMORE**

**JUNE 1 -5**



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# President

**Joseph A. Loo**

*University of California, Los Angeles*





## Membership

2021	2022	2023	2024	2025
6,463	6,341	6,945	7,019	6,171 TO-DATE

## Annual Conference

2021 Philadelphia	2022 Minneapolis	2023 Houston	2024 Anaheim	2025 Baltimore
5,014 In-Person 2,757 Remote 2,257	5,004	6,280	6,791	6,080 TO-DATE



# Awards Funded by Corporate Members

Research Awards of \$35,000 each



Waters™



PUI Research Awards of \$20,000



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# Thank you to these Corporate Members that provided additional support for the conference.

## MAJOR SPONSORS



## CONFERENCE SPONSORS



## CONTRIBUTORS

Mass Tech, Inc. ♦ Repligen

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Thank you to ALL Corporate Member companies that exhibit at the conference!



# Vice President for Programs

**Carlito Lebrilla**

*University of California, Davis*



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# Program Data

	2021 Philadelphia Hybrid	2022 Minneapolis	2023 Houston	2024 Anaheim	2025 Baltimore
<b>Abstracts submitted</b>	<b>2,678</b>	<b>2,505</b>	<b>3,463</b>	<b>3,806</b>	<b>3,586</b>
<b>Invited</b>	5 plenaries 2 tutorials	4 plenaries 4 tutorials	5 plenaries 2 tutorials	4 plenaries 2 tutorials	4 plenaries 2 tutorials
<b>Orals</b>	<b>372</b>	<b>384</b>	<b>384</b>	<b>384</b>	<b>384</b>
<b>Posters</b>	<b>2,090</b> in-person 1292 remote 798	<b>1,974</b>	<b>2,884</b>	<b>3,288</b>	<b>2,968</b>



# Thank You Program Volunteers!

*It takes a village – or at least 191 people – to create the program.*

Session Chairs, Poster Reviewers, Workshop Organizers

Abu Hena Mostafa Kamal, Ace Galermo, Adriana Zardini Buzatto, Alba Alvarez Martin, Aline Martins, Alla Kloss, Andrea Debarber, Andreas Roempp, Anthony Gies, Armann Andaya, Benqian Wei, Bill Noble, Boone M. Prentice, Brett Phinney, Brett R. Blackwell, Brian Clowers, Briana Capistran, Brittney L. Gorman, Cajetan Neubauer, Camila A. Ortega Ramirez, Candice Ulmer Holland, Carla Schmidt, Carolina Rojas Ramirez, Caroline E.R. Rowell, Carolyn Hutchison, Carrie McDonough, Carter Lantz, Charles M. Nichols, Charles Nwosu, Cheng-yu (Charlie) Weng, Chris Gill, Christina J. Mastromatteo, Christopher Chouinard, Christopher L. Hendrickson, Christopher Rüger, Corey Broeckling, Corinne Lutomski, Dan Fabris, Daniel Polasky, Danielle Aldredge, David Schroeder, David Stranz, Devin Peterson, Devin Schweppe, Diane Aga, Dinesh Barupal, Dirk Valkenborg, Dmitry Eremin, Donghui Yi, Douglas Slotta, Douwe Schulte, Elizabeth F. Bayne, Elizabeth Neumann, Elyssia Gallagher, Emily R. Sekera, Erin Baker, Erin Baker, Erin Seeley, Erwin Schoof, Eshani Nandita, Ethan McBride, Evan Williams, Fabio Garofolo, Facundo Fernandez, Fanny Caroline Liu, Fengchao Yu, Francis O'Reilly, Garret Couture, Gary Siuzdak, Gaurav Chopra, Gege Xu, Giles Edwards, Hendrik Kersten, HsinPin Ho, Hyun Joo An, Imma Ferrer, Jace Jones, Jacob Jordan, Jacob W. McCabe, James Cox, James Dodds, Jeff McDonald, Jeffrey N. Savas, Jenny Brodbelt, Jeremy Manheim, Jessica Hoskins, Jiajun Lei, Jiaming Li, Jian Wang, Jinhua Ren, John Bowden, John Muchena, John Stutzman, John Tran, Jorge Smith, Jose Meza, Josue Baeza, Juan Castillo, Katerina Djambazova, Keeley Murphy, Kenneth Lee, Keriann Backus, Kevin D. Clark, Kristine Parson, Lan Huang, Liang L, Lindsay Pino, Lingjun Li, Lynn Brunelle, Mac Gilliland, Mack Shih, Marissa A. Jones, Mark Cancilla, Martha Chacon-Patino, Mary Lipton, Maryam Baniasad, Maryam Goudarzi, Maryam Goudarzi, Matt Amicucci, Matthew Bush, Matthew Crawford, Maurice Wong, Melissa R. Pergande, Micah Donor, Micah Donor, Michael Ford, Michael J. MacCoss, Michael L. Easterling, Michael Russelle Alvarez, Mike MacCoss, Nannan Tao, Nick Borotto, Nick Riley, Nick Riley, Nicolas Young, Nina Zhao, Oliver Fiehn, Olya Vvedenskaya, Pablo Gago-Ferrero, Paolo Lecchi, Patrick Mueller, Paul Haynes, Paula Burton, Peder Lund, Petr Novák, Rabi Musah, Rachel O. Loo, Rafael Montenegro-Burke, Rahul Ravi Deshpande, Renee Ruhaak, Richard R. Drake, Richard Seipert, Robert Hettich, Robert Schuster, Rosangela Silva Santos, Ruth Anyaeche, Ruth Marfil-Vega, Ryan Bain, Ryan Leib, Saiful Chowdhury, Samuel Payne, Sara Carillo, Sarah Rogstad, Sarah Totten, Sarah Trimpin, Scott R. Kronewitter, Sharon Pitteri, Shuai Wu, Si Wu, Sureyya Ozcan, Sven Ehlert, Tim Stratton, Timothy Collier, Timothy Griffin, Trevor Glaros, Varun Gadkari, Wenkui Li, William Barshop, William Fondrie, William Jewel, Wout Bittremieux, Xianlin Han, Xiaowen Liu, Xin Cong, Xiuxia Du, Ying Sheng, Yongle Pang, Yury Tsybin, Zach Miller, and Zhi Cheng

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# *Don't Forget*

## A Proceedings Upload is required for each Poster and Oral



For more info and instructions  
*[asms.org/conferences/annual-conference](https://asms.org/conferences/annual-conference)*

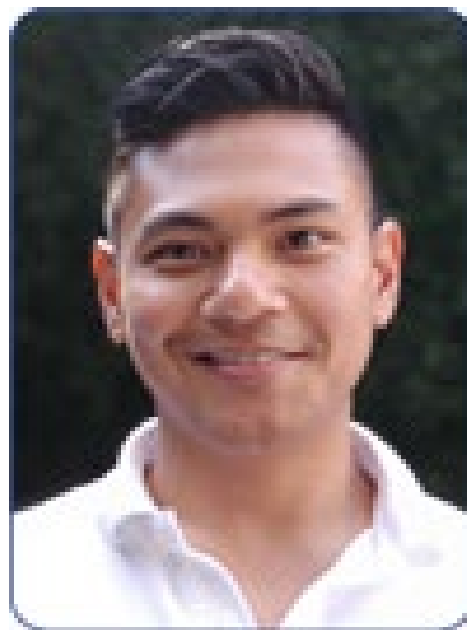


# Deadline June 6



# Vice President for Arrangements

**Patrick Batoon**  
*Agilent Technologies*



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# Corporate Liaison Committee



**Michael Andersen**  
*Evosep*



**Suzanne Carlson**  
*Repligen*



**Julie Horner-Buxton**  
*Agilent*



**Richard Jacob**  
*Matrix Science*



**Maureen Quaranta**  
*Shimadzu*



**Savannah Snyder**  
*Bruker*



# Corporate Members by the Numbers

	2021	2022	2023	2024	2025
Corporate Members	136	150	187	187	193
Exhibit Booths	112	140	172	183	184
Corporate Posters	31	3	4	2	2
Hosp Suites	11	14	16	15	14



# 74<sup>TH</sup> CONFERENCE

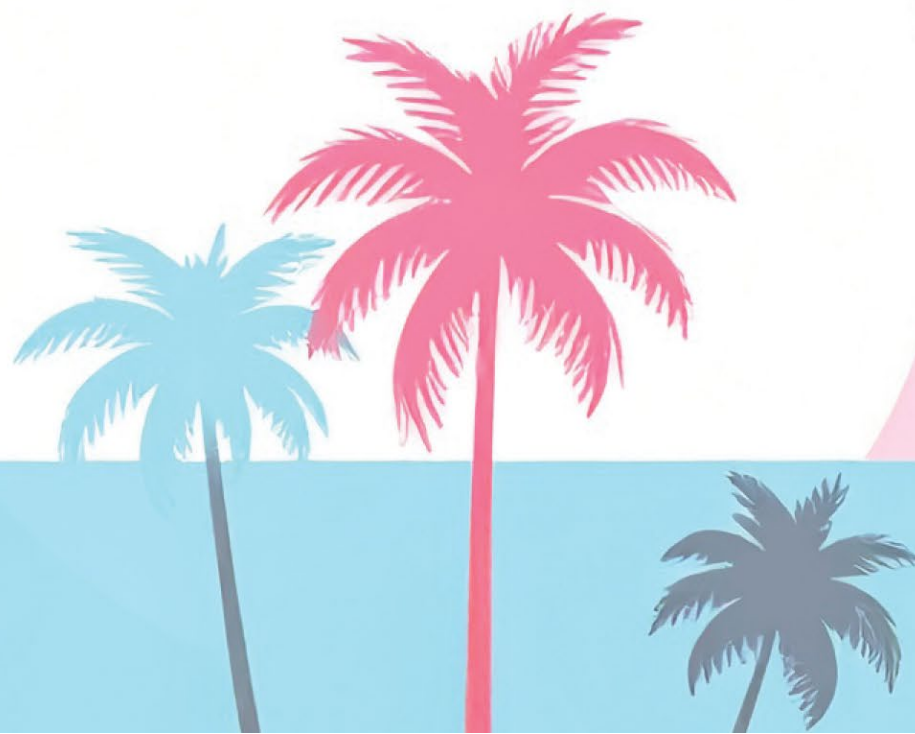
ON MASS SPECTROMETRY AND ALLIED TOPICS

MAY 31 - JUNE 4, 2026

SAN DIEGO, CALIFORNIA

SHORT COURSES  
MAY 30 - 31

#ASMS2026  
[www.asms.org](http://www.asms.org)





# Future Conference Locations

May 31 - June 4, 2026: San Diego

June 6 - 10, 2027: Houston

June 4 - 8, 2028: Seattle

June 3 - 7, 2029: New Orleans

2030: *Nashville, Detroit under consideration*

2031: *Baltimore under consideration*

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# Secretary

**Stephanie Cologna**

*University of Illinois Chicago*






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# Election Results

Terms begin July 1, 2025

Vice President for Arrangements	Secretary	Member-at-Large for Publications
		
<b>Roy Martin</b> Waters Corporation	<b>Si Wu</b> University of Alabama	<b>Brian Clowers</b> Washington State University





## In Memory

ASMS members who have passed away since our last meeting.





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**In Memory**  
**Robert K. Boyd**  
*1938 - 2024*





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**In Memory**  
**Jean Futrell**  
*1934 - 2024*





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**In Memory**  
**Keith Jennings**  
*1932 - 2025*





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# In Memory

## Raymond March

*1934 - 2025*





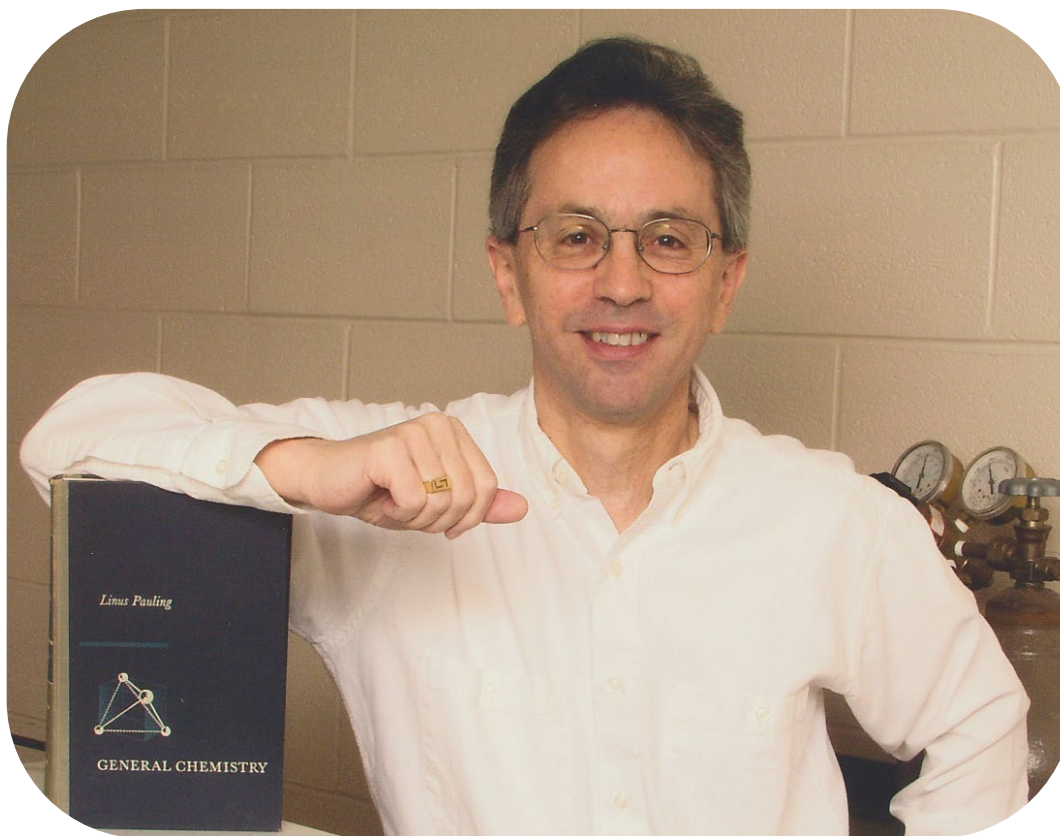
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# In Memory

## Steven M. Schildcrout

*1943 - 2024*





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**In Memory**  
**Amina Woods**  
*1944 - 2025*





To share information on the passing of an ASMS member for next year's meeting, please contact the office at [info@asms.org](mailto:info@asms.org).

*Thank you*

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# Treasurer

**Heather Desaire**

*University of Kansas*





# Financial Statement

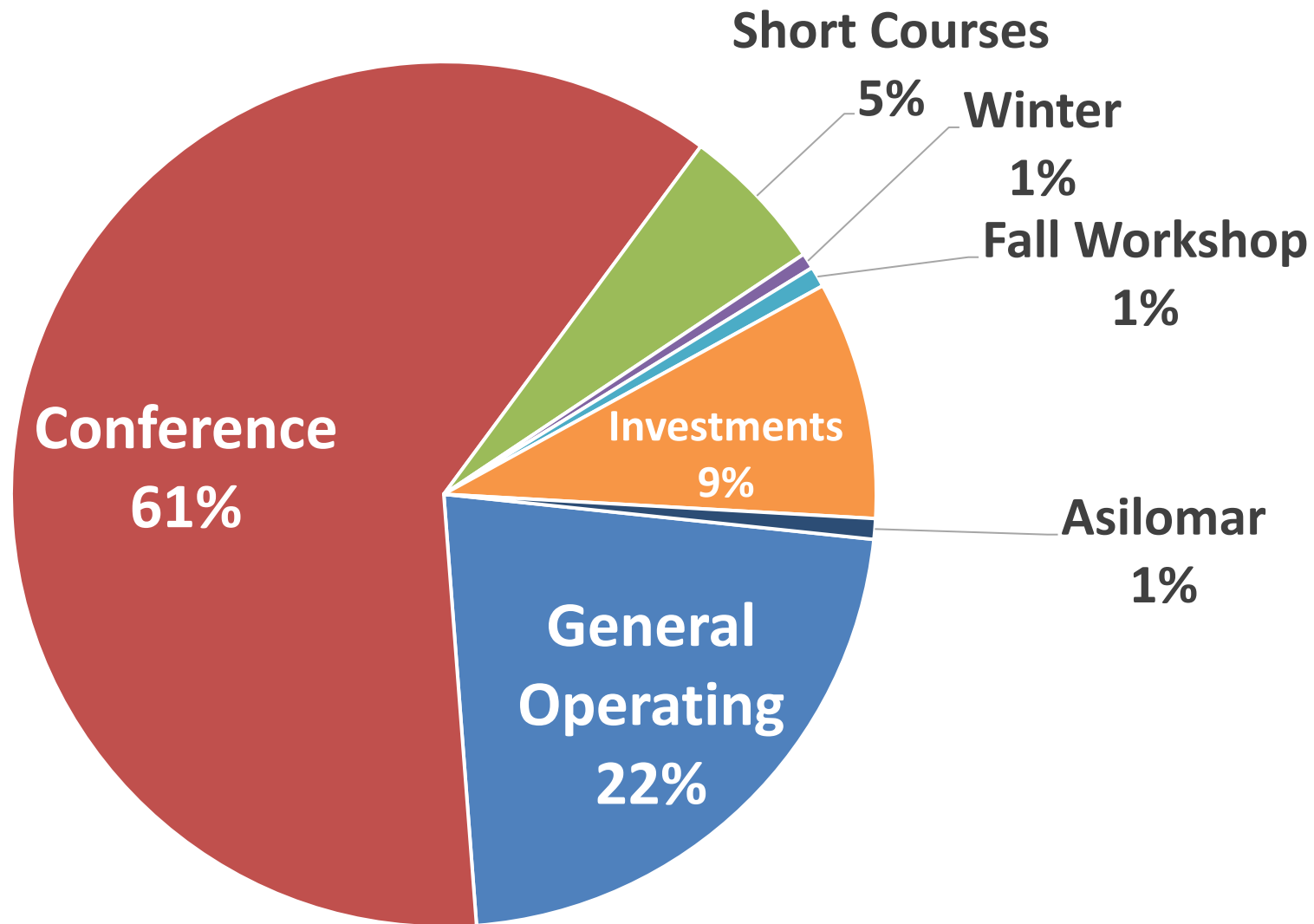
Assets	2021	2022	2023	2024
Checking	286,234	650,989	542,725	721,985
Glenmede	2,810,250	2,208,414	2,459,788	2,685,587
Vanguard	2,690,259	2,090,146	2,350,891	2,530,687
Advance payments	472,067	410,480	523,069	338,634
<b>Total Assets</b>	<b>6,258,810</b>	<b>5,360,029</b>	<b>5,876,472</b>	<b>6,276,895</b>
Liabilities				
Unearned income	272,867	699,860	609,465	665,631
Outstanding checks	103,452	4,883	6,093	24,442
<b>Total Liabilities</b>	<b>376,319</b>	<b>704,743</b>	<b>615,558</b>	<b>690,073</b>
<b>Net</b>	<b>5,882,490</b>	<b>4,655,286</b>	<b>5,260,915</b>	<b>5,586,822</b>



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# 2024 Revenue \$4,556,441



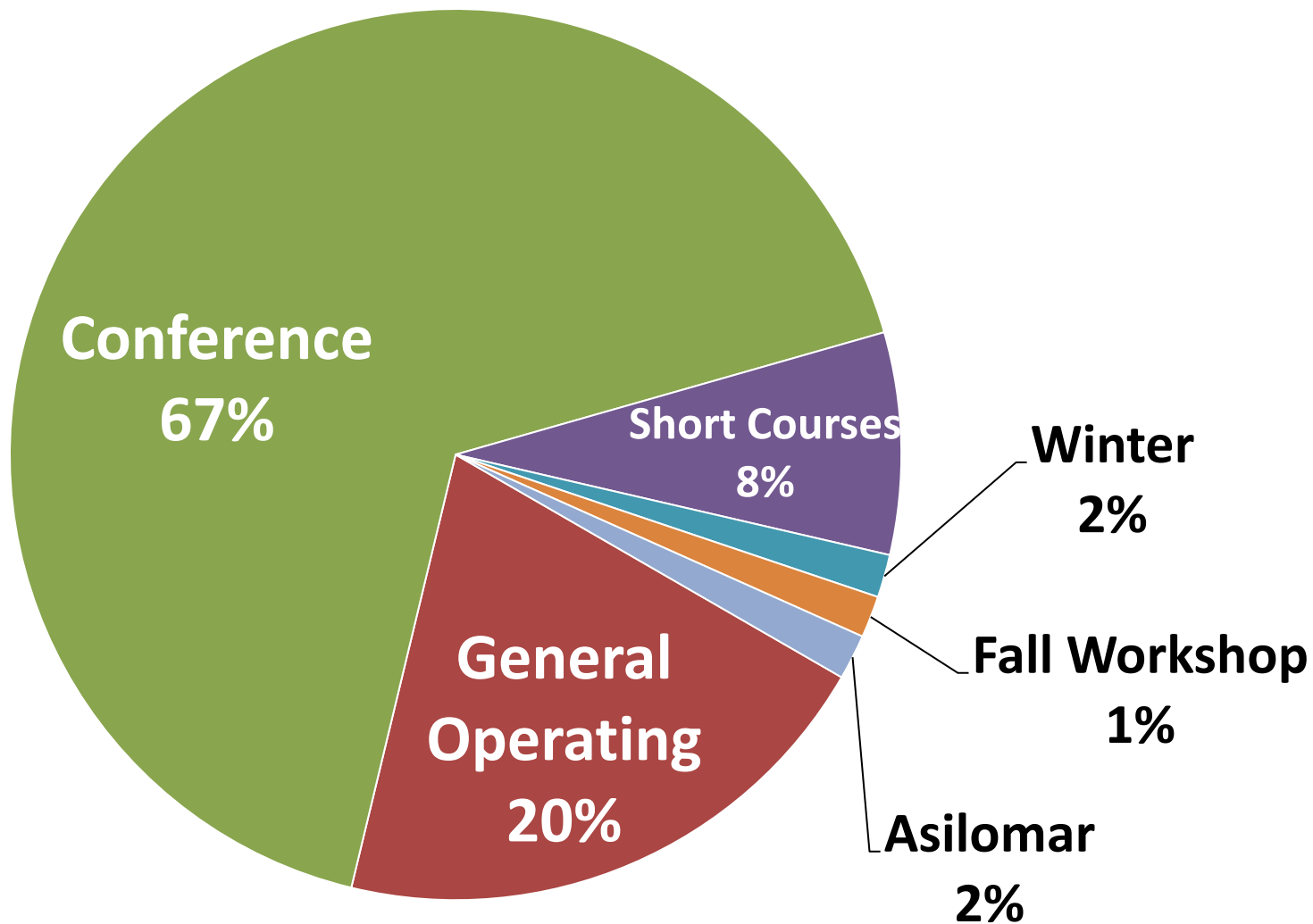


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# 2024 Expenses \$4,244,421

Excess  
Revenue of  
\$312,021





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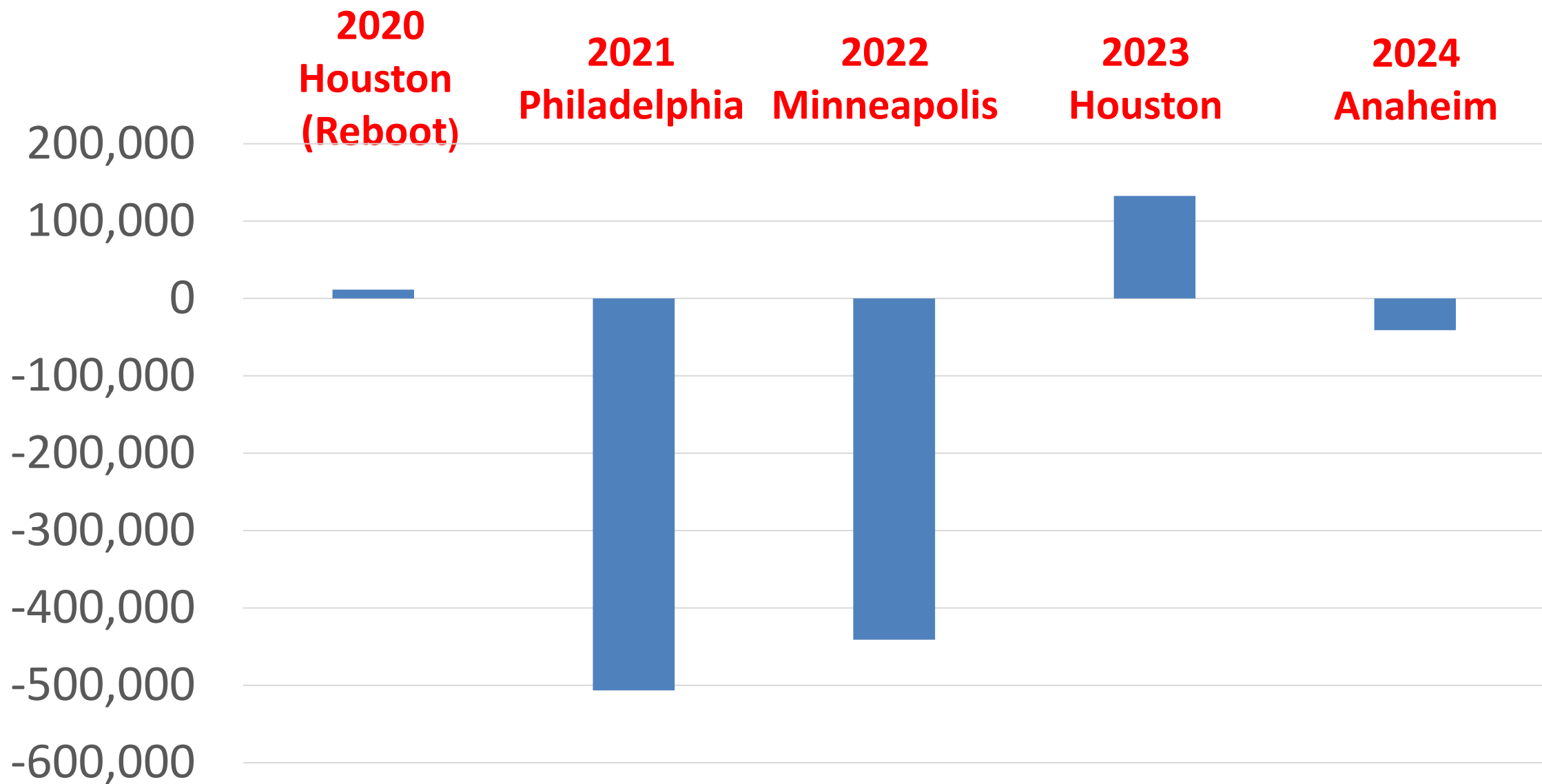
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# Operating and Investment Make Up the Overall Net





# Net of the Annual Conference



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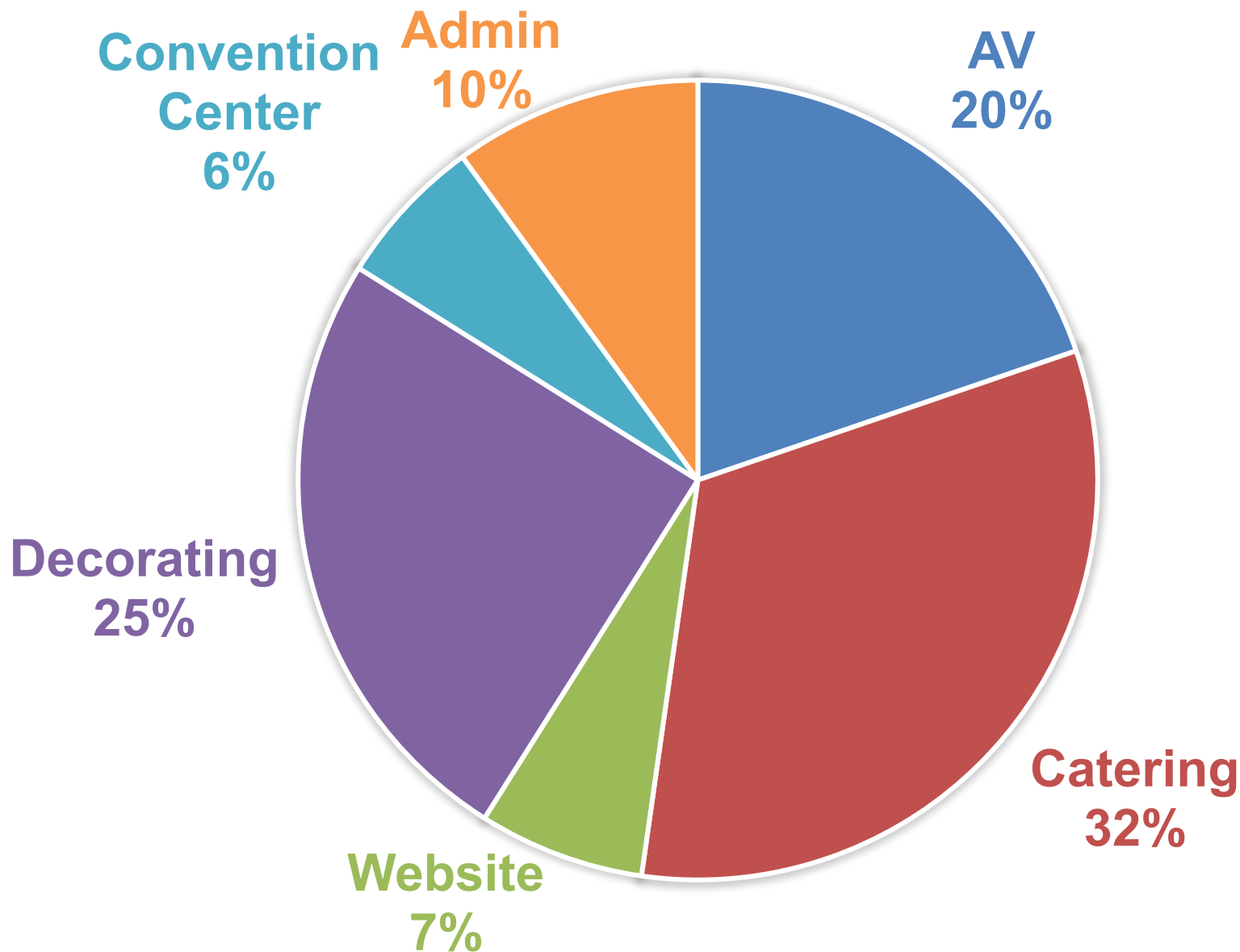
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# Conference Cost Per Attendee





# Small Conference Committee

Chris Anderton, Michael Marty, Sarah Rogstad\*,  
Laura Sanchez\*, John Stutzman

\*Thank you retiring members for your service.

The Small Conference Committee is responsible for reviewing submitted proposals for future Asilomar and Winter Conferences, providing feedback and suggesting refinements as needed. Final topic selections for small conferences are determined by the Board.

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## Organizers

**Glen P. Jackson**

*West Virginia University*

**Ryan M. Bain**

*Bureau of Alcohol, Tobacco,  
Firearms and Explosives*



# 39<sup>TH</sup> ASILOMAR CONFERENCE ON MASS SPECTROMETRY

## *Security and Forensic Applications of Mass Spectrometry*

**October 10 - 15, 2025**

**Asilomar Conference Center • Pacific Grove, CA**



For details visit [www.ASMS.org](http://www.ASMS.org)





## Organizers

**Alison Scott**

*University of Maryland*

**Vanessa Phelan**

*University of Colorado*

**Laura-Isobel McCall**

*San Diego State University*



For details visit  
[www.ASMS.org](http://www.ASMS.org)

# 2<sup>ND</sup> WINTER CONFERENCE

**Mass Spectrometry in  
Microbial Sciences**

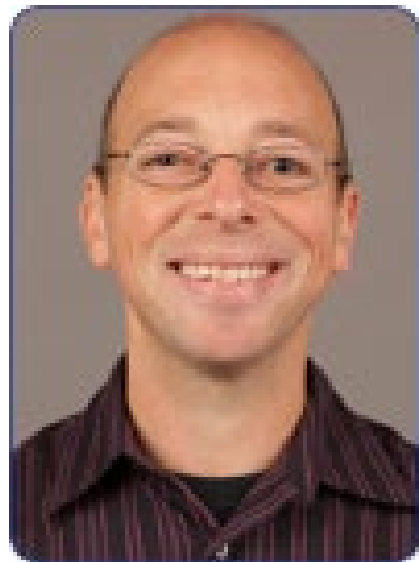
**Jan. 29 - Feb. 1, 2026**

**SANTA FE, NEW MEXICO**



# Member-at-Large for Membership

**G. Asher Newsome**  
*Smithsonian Institution*



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# Membership, Diversity and Inclusion (MDI) Committee

Kyle Anderson, Farzana Azam\*,  
Stacy Malaker, Devin Schweppe\*

\*Thank you retiring members for your service.

## PROJECTS include

- *Faces of Mass Spectrometry* monthly feature in *JASMS*
- Infographic sign the 'Face of ASMS' – a look at the Society's membership demographic data.
- Review of Oral Sessions



# About Our Awards

## Diversity, Equity, Inclusion and Accessibility (DEIA) Mentorship Awards

Recognize ASMS members who have demonstrated exemplary service in the STEM mentoring and/or recruitment of individuals from groups that are underrepresented in the field of mass spectrometry.

- Two \$1,000 awards. Application deadline is November 30.
- Visit [ASMS.org](https://www.asms.org) > *Awards* for details.
- Thank you to VRS Recruitment for funding these awards.



# Member-at-Large for Education

**Elyssia Gallagher**

*Baylor University*



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# Education Committee

Georgia Charkofktaki, Bingming Chen\*,  
Stephanie Samra\*, Zhibo Yang

*\*Thank you retiring members for your service.*

## PROJECTS include

- Short Course program (in-person and online)
- Fall Workshop: responsible for reviewing submitted proposals, providing feedback and suggesting refinements as needed. Final topic selection for the Fall Workshop is determined by the Board.
- Mock Employment Interviews Program (online)
- Online educational resources





# Online Educational Videos

Select 'About Mass Spec' on our website to discover 45+ videos organized by topic.



American Society for Mass Spectrometry

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73<sup>RD</sup> CONFERENCE ON MASS SPECTROMETRY AND ALLIED TECHNIQUES

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JUNE 1 - 5, 2025

Short Courses  
MAY 31 & JUNE 1

[Details](#) | [App & Online Planner](#) | [Register Now](#)

About Mass Spectrometry

What is Mass Spectrometry Poster

Resources for Teaching MS

Clinical MS, Drug Discovery & Disease Evaluations

Forensics, Toxicology & The Environment

Fundamentals – Hardware/Instrumentation

Fundamentals – Ion Separations & Chromatography

Fundamentals – Ionization, Fragmentation & Chemical Reactions

Imaging & Ambient Mass Spectrometry

Omics: Proteomics, Lipidomics, Metabolomics, Glycomics, Exposomics and Multiomics

Quality Control, Informatic Analyses & Data Communication

All Tutorials Sorted by Year

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# Short Courses

	2021	2022	2023	2024	2025
# of Courses	6 in-person 7 online	16	13 in-person 2 online	12 in-person 3 online	13 in-person <i>Expect 3-6 online</i>
Instructors	19	55	46	49	35 for in-person courses
Students	289	501	606	602	398 for in-person courses

# 36<sup>TH</sup> FALL WORKSHOP

## FUNDAMENTALS OF INSTRUMENTATION FOR MASS SPECTROMETRY

Monday - Tuesday

**November 3 - 4, 2025**

Arctic Club Hotel, Seattle, Washington



### Organizers

**Matthew Bush,**  
*University of Washington*

**Nick Riley**  
*University of Washington*



For details visit  
[www.ASMS.org](http://www.ASMS.org)



# Member-at-Large for Publications

**Kelly M. Hines**  
*University of Georgia*



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# Publications Committee

Megan Burke, Caroline Dehart\*,  
Dave Foreman, Mingxun Wang\*,  
Jenny Brodbelt *ex-officio*

\*Thank you retiring committee members for your service.

## PROJECTS include supporting *JASMS* with:

- Content optimization to increase impact factor
- Aid in transition to new Editor-in-Chief
- Editorials: Introduce board members/functions to the membership
- Identify opportunities for ACS Pubs to promote *JASMS*



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# DID YOU KNOW?

## **JASMS is published by ACS Publications.**

*In 2020 JASMS transitioned from Springer to ACS Publications. Under ACS Publications JASMS became an online-only journal.*



Journal of the American Society for  
**Mass Spectrometry**



**ACS Publications**  
Most Trusted. Most Cited. Most Read.

## **All individual members of ASMS have free access to:**

- ✓ *JASMS all issues*
- ✓ *Archive of select Wiley journals*
- ✓ *Archive of Elsevier's IJMS*

**Visit [asms.org/publications](https://asms.org/publications) for details**





# JASMS is YOUR Journal



Journal of the American Society for  
**Mass Spectrometry**

**Published by**



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	2021	2022	2023	2024
<b>Articles published</b>	292	252	302	344
<b>Acceptance rate</b>	70%	74%	75%	73%
<b>Impact factor</b>	3.262	3.3	3.1	<i>TBD</i>
<b>Avg. Days to First Decision</b>	29	32	33	34

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# JASMS: Editorial Team



**Facundo Fernandez**

*Georgia Institute  
Technology*



**Richard O'Hair**

*University of  
Melbourne*



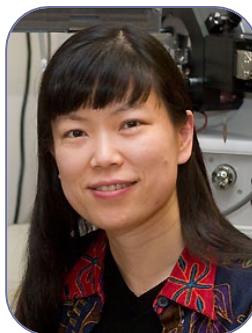
**Helen Cooper**

*University of  
Birmingham*



**Erin Baker**

*Univ. of North Carolina  
Chapel Hill*



**Lingjun Li**

*University of Wisconsin  
Madison*

**NEW! Editor-in-Chief  
Jenny Brodbelt**

*University of Texas, Austin*







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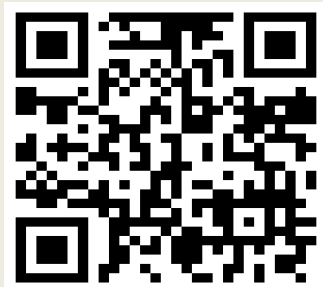
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Journal of the American Society for  
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# Extend the Impact of Your Poster or Talk.

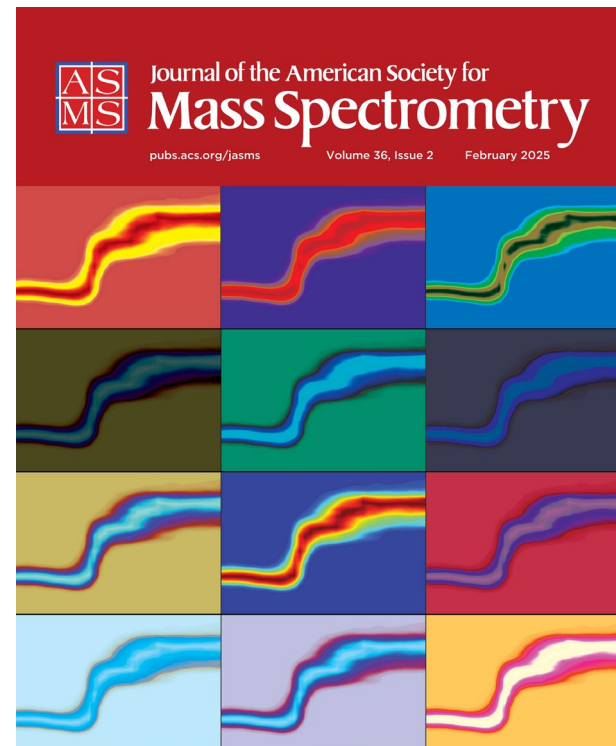
SUBMIT YOUR RESEARCH TO *JASMS*



[go.acs.org/JASMS](https://go.acs.org/JASMS)



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# JASMS Outstanding Reviewers

2024

**Aivett Bilbao**

*PNNL*

**Iain D.G. Campuzano**

*Amgen*

**Christopher D. Chouinard**

*Clemson University*

**Andreas Dannhorn**

*Imperial College London*

**Shane Ellis**

*University of Wollongong*

**Glen P. Jackson**

*West Virginia University*

**Jody C. May**

*Vanderbilt University*

**David C. Muddiman**

*North Carolina State Univ.*

**Gabe Nagy**

*Brigham Young University*

**Ian K. Webb**

*Indiana University  
Indianapolis*

**Chrys Wesdemiotis**

*The University of Akron*

**Xueyun Zheng**

*PNNL*



# More Journal Access for Members

Members have access to the following non-ASMS journals

**Elsevier:** *International Journal of Mass Spec (IJMS)*

**Wiley:** Agreement renewed this year to provide access to 2010-2024. Future years will be added after one-year embargo on current content. For example, 2025 will become available in January 2026.

- *Journal of Mass Spectrometry*
- *Mass Spectrometry Reviews*
- *Rapid Communications in Mass Spectrometry*

Go to [www.asms.org/publications](http://www.asms.org/publications) for details.



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# Ron Hites Award

## Outstanding Research Publication in *JASMS*

**Christian Bleiholder**  
*Florida State University*



Fanny C. Liu, Mark E. Ridgeway,  
Christopher A. Wootton, Alina Theisen,  
Erin M. Panczyk, Florian Meier and Melvin A. Park

**Top-Down Protein Analysis by Tandem-Trapped Ion Mobility Spectrometry/Mass Spectrometry (Tandem-TIMS/MS) Coupled with Ultraviolet Photodissociation (UVPD) and Parallel Accumulation/ Serial Fragmentation (PASEF) MS/MS Analysis**



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# Past President

## Julia Laskin

*Purdue University*





# History Committee

**P. Jane Gale**

*ASMS Archivist - Historian and Chair, History Committee*

Chip Cody\*, Barbara Larsen,

Rachel Loo\*, Mike Story, Mike Grayson *ex-officio*

*\*Thank you retiring members for your service.*

## **PROJECTS include**

- History Posters
- Historic Instrument Replica (a travelling display!)
- Oral Histories
- Liaison to the Science History Institute



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**The History Committee enriches ASMS with content detailing important persons, events, and technologies.**

New history posters are created each year and are displayed with a curated selection of existing posters.







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# Welcome Inaugural Fellows of ASMS

Fellows of ASMS are recognized for their sustained exceptional service to the ASMS community in addition to their contributions to the field of mass spectrometry.



Erin Baker



Christie G. Enke



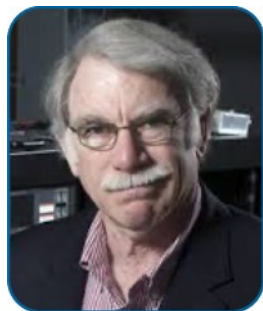
Catherine Fenselau



P. Jane Gale



Jack Henion



Alan G. Marshall



John A. McLean



David A. Weil



Susan T. Weintraub

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# More **AWARDS**

Presented by Joe Loo





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# Diversity, Equity, Inclusion and Accessibility (DEIA) Mentorship Awards



These awards recognize ASMS members who have demonstrated exemplary service in STEM mentoring and/or recruitment of individuals from groups that are underrepresented in the field of mass spectrometry.

The \$1,000 prizes are generously funded by VRS Recruitment.



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# DEIA Mentorship Awards



**Jennifer Geddes-McAlister**  
*University of Guelph*



**Renã A.S. Robinson**  
*Vanderbilt University*



# Postdoc Career Development Awards

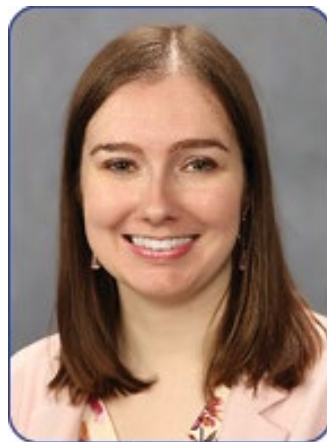
\$5,000 to the awardee's institution to fund activities that enhance professional development.



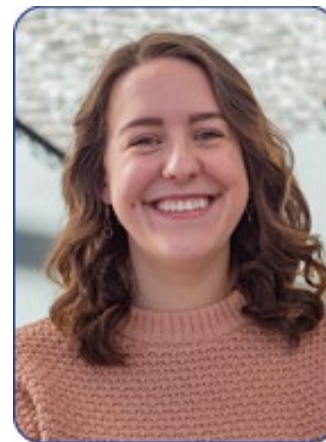
**Jamie  
P. Butalewicz**  
*Naval Air Warfare  
Center Weapons  
Division*



**Brianna  
Garcia**  
*Woods Hole  
Oceanographic  
Institute*



**Kathryn  
Kapp**  
*Stanford  
University*



**Jericha  
Mill**  
*University of  
Wisconsin-  
Madison*



**Carlismari  
Oliveira  
Grundmann**  
*University of California,  
Santa Cruz*



# Graduate Student Awards

Each student receives \$1,000 and free registration.

**Elly Breves**

*Rensselaer Polytechnic Institute*

**Daniil Ivanov**

*UMass Amherst*

**Flowreen Shikwana**

*University of California, Los Angeles*

**Joann Chongsaritsinsuk**

*Yale University*

**Tianze Ling**

*Tsinghua University*

**Brison Shira**

*Purdue University*

**Jessie Deng**

*Queen's University*

**Sudam Shivaji Mane**

*Brigham Young University*

**Cailum Stienstra**

*University of Waterloo*

**Allison Esselman**

*Vanderbilt University*

**Chris McGann**

*University of Washington*

**Yanqi Tan**

*University of Illinois*

**Lauren Fields**

*Univ. of Wisconsin-Madison*

**Kirill Miachin**

*Washington University at St. Louis*

**Jason Guerrero**

*University of California, Santa Cruz*

**Zachary Miller**

*University of California, Berkeley*

**Bo Wen**

*University of Washington*

**Ericka Itang**

*Max Planck Inst. of Biochemistry*

**Holden Rogers**

*University of Wisconsin - Madison*

**Charles Wolfe**

*Baylor College of Medicine*

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# Undergraduate Student Awards

Each student receives \$500 and free registration.

**Joelle Darrouj**

*University of California, Los Angeles*

**Rashi Gupta**

*Vanderbilt University*

**Arabella Garcia**

*University of Minnesota*

**Malgorzata Hopcias**

*AGH University of Krakow*

**Copeland Johnson**

*Clemson University*

**Michael Kelley**

*University of Wisconsin – Madison*

**Aryan Patel**

*Emory University*

**Vishnu Rajan Tejus**

*University of Washington*

**Jamison Shih**

*George Washington University*

**Alexander Zumock**

*The Ohio State University*

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# Undergraduate Poster Competition

Each winner receives \$300.

**Arabella Garcia**

*UCLA*

**Jamison Shih**

*George Washington Univ.*

**Vishnu Rajan Tejus**

*University of Washington*

**Alexander Zumock**

*The Ohio State University*

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# Conference Attendance Challenge Stipends

This funding program was established in 2017 to provide direct support to parents (or those caring for dependents) that could not otherwise attend the meeting without additional support to offset costs due to extra child- or dependent-care.

**At this conference 32 stipends of \$500 each have been awarded.**



# IJMS Best Student Papers

Presented by

Zheng Ouyang, *IJMS* Co-Editor-in-Chief

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# IJMS Best Student Paper Award



**Ralph Aderorho**

Clemson University, USA

**Best fundamental paper**

Determining protonation site in fentanyl protomers using ion mobility-aligned MS/MS fragmentation

*Ralph Aderorho, Christopher D. Chouinard*



**Lachlan Jekimovs**

University of Queensland, Australia

**Best applied paper**

Making OzID go FFASTer: Combining stable-isotope tagging with ozone-induced dissociation to uncover changes in fatty acid unsaturation within neurosecretory cells

*L.J. Jekimovs, I. O. Akefe, T. P. Wallis, R. S.E. Young, S. C. Brydon, F. A. Meunier, B. L.J. Poad, S. J. Blanksby*





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# Thank You

NASA Goddard Space Flight Center (GSFC)  
and Johns Hopkins Applied Physics Laboratory (APL)



Special Thanks



**Will Brinckerhoff**  
NASA Space GSFC



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# Thank You Retiring Board Members

Presented by Joe Loo

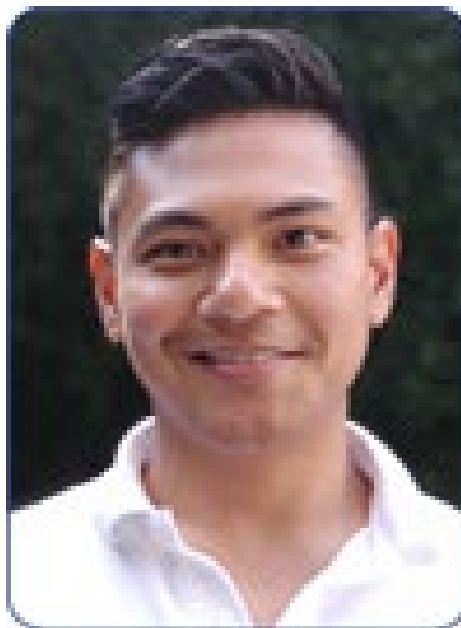


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# Thank you for your Service

## Vice President for Arrangements



**Patrick Batoon**  
*Agilent Technologies*



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# Thank you for your Service

## Secretary



## Stephanie Cologna

*University of Illinois, Chicago*

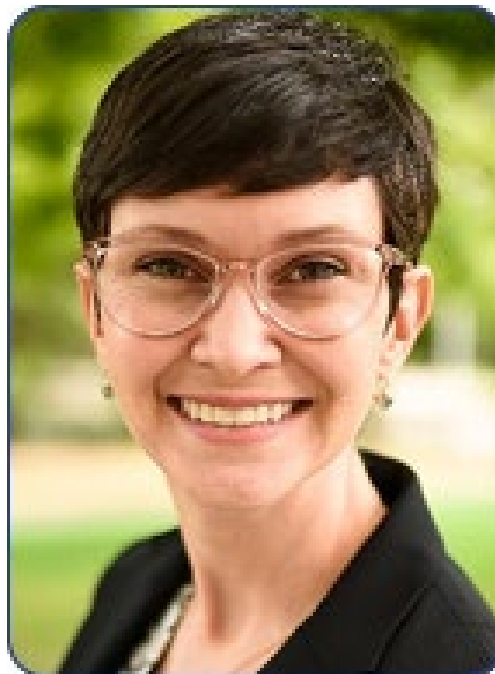


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# Thank you for your Service

## Member-at-Large for Publications



**Kelly M. Hines**  
*University of Georgia*





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# Other Business?







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# Adjourn To Workshops

