Announcements

For more information and online registration for any of the conferences listed below, please visit www.asms.org/conferences.

35th Asilomar Conference on Mass Spectrometry
Mass Spectrometry Imaging: New Developments and Applications
October 11 - 15, 2019
Asilomar Conference Center
Pacific Grove, California
https://www.asms.org/conferences/asilomar-conference

Organizers
Julia Laskin, Purdue University
Lingjun Li, University of Wisconsin-Madison
Jeffrey Spraggins, Vanderbilt University

ASMS Fall Workshop
Atmospheric Pressure Spray Ionization
November 14 - 15, 2019
Sonesta Philadelphia Hotel
Philadelphia, Pennsylvania
www.asms.org/conferences/fall-workshop

Organizers
Rachel Loo, UCLA
Andre Venter, Western Michigan University

ASMS Sanibel Conference
Unravelling the Exposome
January 23 – 26, 2020
South Seas Island Resort
Captiva Island, Florida
https://www.asms.org/conferences/sanibel-conference

Organizers
Jarod Grossman, Agilent Technologies
Anthony Macherone, Agilent Technologies & Johns Hopkins University School of Medicine

Awards

Professor Dame Carol Robinson (University of Oxford) was presented the 2019 Stein & Moore Award from the Protein Society during their annual symposium held June 30 – July 3, 2019 in Seattle, WA. The Stein & Moore Award, named for Nobel laureates Dr. William Stein and Dr. Stanford Moore, venerates their contribution to understanding the connection between chemical structure and catalytic activity of the active center of the ribonuclease enzyme. Established in 1986, the Stein & Moore Award is given to recognize eminent leaders in protein science who have made sustained high impact research contributions to the field. Professor Robinson was recognized for her contributions to the development and applications of mass spectrometry to obtain insights into the structure and interactions of membrane protein complexes, and their modulation through lipid and drug binding, and for her role in establishing a new field - that of structural biology in the gas phase.

Highlights from the 67th Annual ASMS Conference

June 2 - 6, 2019, Atlanta, GA

John B. Fenn Award for a Distinguished Contribution in Mass Spectrometry

The 2019 John B. Fenn Award for a Distinguished Contribution in Mass Spectrometry was presented at the ASMS Conference in Atlanta to Professor John R. Yates III (Scripps Research Institute). The award recognizes a focused or singular achievement in fundamental or applied mass spectrometry. Previously known as the ASMS Award for a Distinguished Contribution in Mass Spectrometry, this award was renamed in 2018 to honor the memory of Professor John B. Fenn, who shared the Nobel Prize in Chemistry in 2002 for the development of Electrospray Ionization. Professor Yates was recognized for his seminal contributions to the field of proteomics, including...
development of the SEQUEST algorithm for automated, large-scale interpretation of peptide tandem mass spectral data.

Biemann Medal

The 2019 Biemann Medal was presented at the ASMS Conference in Atlanta to Professor Sarah Trimpin (Wayne State University). The Biemann Medal, initially established by contributions from students, postdoctoral associates and friends to honor Professor Klaus Biemann, is awarded to an individual early in their career, in recognition of significant achievement in basic or applied mass spectrometry. Prof. Trimpin was awarded the medal for her discovery and development of novel ionization processes involving the use of solid matrices that produce highly charged ions upon laser ablation using MALDI ion sources, and also matrix compounds that spontaneously produce multiply charged analyte ions when exposed to vacuum, without need for heat, nebulizing gases, laser, or voltage.

Al Yergey Mass Spectrometry Scientist Award

The Al Yergey MS Scientist Award was established in 2019 to recognize dedication and significant contributions to mass spectrometry-based science by “unsung heroes.” Sponsored by ASMS, the award is named in memory of Al Yergey, a well-respected scientist who served 45 years at the National Institutes of Health where he was known as a dedicated mentor. The inaugural recipient of this award is Dr. Jeffrey Shabanowitz (University of Virginia). Dr. Shabanowitz is Principal Scientist in Professor Don Hunt’s laboratory at the University of Virginia, where he has coauthored more than 330 peer-reviewed scientific papers and is co-inventor on ten issued patents. He played a major role in development of peptide sequence analysis by tandem mass spectrometry. The methods and instrumentation he helped to develop underpin the field of proteomics, and have led to major breakthroughs, especially in immunology and epigenetics research. He has also been a valued mentor to dozens of graduate students, postdocs, and visiting scientists.

ASMS Research Awards

ASMS Research awards were presented to Assistant Professor Nicolas L. Young (Baylor College of Medicine), Assistant Professor Eleanor Browne (University of Colorado, Boulder) and Assistant Professor James F. Davies (University of California, Riverside) at the 2019 ASMS business meeting. The goal of these awards is to promote academic research in mass spectrometry by young scientists in mass spectrometry, and are fully supported by Thermo Fisher Scientific, Waters Corporation, and Bruker. The awards, presented annually, are open to academic scientists within four years of joining their first tenure track faculty position or equivalent in a North American university. Applicants must be members of ASMS, and may not have previously received an award under this program. The awards of $35,000 each will be made to the university in the name of the selected individual and for the researcher’s exclusive use.
The inaugural recipient of the Research at Primarily Undergraduate Institutions (PUIs) Award is Assistant Professor Callie Cole, Department of Chemistry at Fort Lewis College in Durango, CO. This award was established in 2019 to promote academic research in mass spectrometry by faculty members and their students at primarily undergraduate institutions (PUIs). Sponsored by Agilent Technologies, and to be presented annually, the award is open to full-time academic scientists at a primarily undergraduate North American college or university. Eligible PUIs are accredited colleges and universities that award Bachelor’s degrees and/or Master’s degrees but have awarded no more than 20 PhD/DSci degrees in the sciences during the combined previous two academic years. The award, in the amount of $20,000, will be made to the college or university in the name of the selected individual and for the selected individual’s exclusive use. Applicants must be members of ASMS and may not have previously received an award under this program.

Post Doctoral Career Development Awards

Five ASMS Postdoctoral Career Development Awards were presented at the 2019 ASMS business meeting in Atlanta to Dr. Christopher Ashwood (Medical College of Wisconsin), Dr. Josue Baeza (University of Pennsylvania), Dr. Jared Kafader (Northwestern University), Dr. Gongyu Li (University of Wisconsin-Madison) and Dr. Nicholas Riley (Stanford University). These awards, provided annually, are open to ASMS members who are currently appointed as a postdoctoral fellow in academia, industry, a government or national laboratory, or at a research institute in North America, within three years of completing their Ph.D. or equivalent degree. Funds from the award are provided to the awardee’s institution or institution-related foundation, for their exclusive use on activities that enhance the awardee’s professional career development in the field of mass spectrometry.

Ron Hites Award for Outstanding Research Paper in JASMS

The 2019 Ron Hites Award for Outstanding Research Publication in JASMS was presented during the ASMS business meeting to Professor Julia Laskin (Purdue University) and co-authors Son N. Nguyen, Ryan L. Sontag, James P. Carson, Richard A. Corley and Charles Ansong, for their
paper “Towards High-Resolution Tissue Imaging Using Nanospray Desorption Electrospray Ionization Mass Spectrometry Coupled to Shear Force Microscopy” (J. Am. Soc. Mass Spectrom. 2018, 29, 316-322) Named to honor Professor Ron Hites of Indiana University, who led the creation of JASMS in 1988 while president of ASMS, the award recognizes an outstanding presentation of original research published in the journal in the previous two years. Selection of the award winner is based on the paper’s innovative aspects, technical quality, likely stimulation of future research, likely impact on future applications, and quality of presentation.

Undergraduate Student Poster Awards

To promote and recognize the outstanding mass spectrometry research being carried out by undergraduate students attending the ASMS conference, an undergraduate student poster competition was held on the Sunday evening of the conference during the opening reception. Posters were judged by a panel coordinated by the Undergraduate Research in Mass Spectrometry Interest group. Poster award winners received a certificate and a check for $300. Congratulations to each of the award winners.

Graduate Student Conference Travel Awards

ASMS Graduate Student Conference Travel Awards recognize graduate students whose academic achievements and current mass spectrometry research display a high level of excellence and distinction. The awards are intended to support ASMS conference travel. Attendance at the conference is required. Applicants must be ASMS student members who are in the 2nd year or more of a Ph.D. degree program at the time of the conference, and are the presenting author on an abstract submitted for the ASMS annual conference. Twenty awards of $1,000 each, as well as free conference registration and a matted certificate, were conferred during the 2019 ASMS business meeting.

Undergraduate Student Conference Travel Awards

2019 ASMS Graduate Student Conference Travel Award winners (Front row, left to right) Wanying Cao (University of Nebraska-Lincoln), Chenxi Liu (University of Arizona), Erika Portero (University of Maryland, College Park), Jaqueline A. Picache (Vanderbilt University), Praveen Kumar (University of Minnesota), Trisha Tucholski (University of Wisconsin-Madison), Kellen DeLaney (University of Wisconsin-Madison), Leah Schaffer (University of Wisconsin-Madison), Marta Sans Escofet (University of Texas at Austin), (Back row, left to right) Elijah McCool (Michigan State University), Naren Gajenthra Kumar (Virginia Commonwealth University), Savannah Snyder (The University of Akron), Kristen Fowble (University at Albany-SUNY), Molly Blevins (University of Texas at Austin), Sean Cleary (University of Oregon), Mariel Coradin (University of Pennsylvania) and Yang Tang (Boston University). Not Shown: Ming Cheng (Washington University in St. Louis), Ting-Hao Kuo (National Taiwan University) and Sibylle Pfammatter (IRIC-Université de Montréal).

2019 ASMS Undergraduate Student Conference Travel Award winners (left to right) Amanda Wong (Saint Mary’s College of California), Emily Ziperman (Baylor University), Kaylie Kirkwood (North Carolina State University), Anna Iacovino (Duquesne University), Javier Moreno (Florida International University), Shelby Beasley (University of Oklahoma), Abigail Lemmon (University of Pennsylvania) and Alisha Birk (Stanford University). Not shown: Cameron Davis (NHMFL-Florida State) and Richard Dilworth (University of Florida).

2019 Undergraduate Student Conference Travel Award winners (left to right) Virginia James (College of Charleston), Shubhneet Warar (Baylor University) and Joshua Ho (University of the Pacific).
may also participate in the conference poster competition for undergraduate students. Ten awards of $500 each, along with free conference registration and a matted certificate, were conferred during the 2019 ASMS business meeting.

In Memoriam

The ASMS website now contains links (https://www.asms.org/publications/journal-of-the-american-society-for-mass-spectrometry-group/obituaries-from-jasms) to JASMS articles that celebrate the lives of deceased ASMS members. These remembrances provide unique insights into the careers and contributions of past members of the society, whose work was seminal to the development of our field.

Science History Institute

ASMS continues to partner with the Science History Institute (formerly the Chemical Heritage Foundation) to preserve the Society’s history. As Oral Histories of ASMS members are completed and published, links to the full interviews are added to the History web page of the ASMS website (https://www.asms.org/about/history/oral-history-project). The Institute also provides archival storage for ASMS ephemera, both for the Society and for its members. If you have documents of historical importance that you would like to donate e.g., early meeting programs, instrument manuals, photographs or other artifacts – please contact the ASMS Archivist / Historian, Jane Gale (jane.pjgale@gmail.com).

Related Events

ASMS is pleased to offer announcements for other non-profit organizations. Please email details including website to info@asms.org.

September 15 – 18, 2019
18th Human Proteome Organization World Congress
Adelaide, South Australia, Australia
https://www.hupo2019.org

September 22 – 26, 2019
MSACL 2019 EU 6th Annual European Congress
Salzburg, Austria
https://msacl.org/

September 29 – October 5, 2019
NATO Advance Study Institute: Detection, Diagnosis and Health Concerns of Toxic Chemical and Biological Agents
Cetraro, Italy
https://www.natoasicetraro2019.com/

October 13 – 18, 2019
SciX presented by FACSS
Palm Springs, CA
https://www.scixconference.org/

October 30 – November 1, 2019
Restoring Hope Science Conference 2019 on Precision Medicine and Allied Topics
Accra, Ghana
https://www.rhsc-2019.uni-rostock.de/

December 4 – 7, 2019
32nd Annual Tandem Mass Spectrometry Workshop
Lake Louise, Alberta, Canada
http://lakelouisemsms.org/

January 5 – 7, 2020
8th Asia-Oceania Mass Spectrometry Conference
Hong Kong
http://www.aomsc2020.org/