

NEWS AND VIEWS



Correspondence to: Gavin E. Reid; e-mail: gavin.reid@unimelb.edu.au

November 2018

Announcements

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

ASMS Asilomar Conference Quantitative Analysis of Posttranslational Modifications

by Mass Spectrometry

November 2 - 6, 2018

Asilomar Conference Center

Pacific Grove, California

<http://www.asms.org/conferences/asilomar-conference/asilomar-conference-homepage>



Organizers

Nicolas L. Young, *Baylor College of Medicine*

Heather Desaire, *University of Kansas*

ASMS Fall Workshop Metabolomics Informatics

November 29 - 30, 2018

Hilton Financial District

San Francisco, California

<http://www.asms.org/conferences/fall-workshop>



Organizers

Erin Baker, *Pacific Northwest National Laboratory*

Gary Patti, *Washington University at St. Louis*

ASMS Sanibel Conference Chemical Cross-linking and Covalent Labeling: From Proteins to Cellular Networks

January 24 - 27, 2019

Hilton St. Petersburg Bayfront Hotel

St. Petersburg, Florida

<http://www.asms.org/conferences/sanibel-conference/sanibel-conference-homepage>



Organizers

Andrea Sinz, *Martin-Luther University Halle-Wittenberg*

Richard Vachet, *University of Massachusetts, Amherst*

Lan Huang, *University of California, Irvine*

Awards

Professor **Burnaby Munson**, the C. Eugene Bennett Professor of Chemistry and Biochemistry at the University of Delaware, was selected as a **2018 Fellow of the American Chemical Society (ACS)**. The ACS Fellows Program was created in 2008 “to recognize members of the American Chemical Society for outstanding achievements in and contributions to Science, the Profession, and the Society”. Prof. Munson was



Burnaby Munson

recognized for his Contribution to the Science/Profession, for initiating the fundamental research in ion chemistry and ion molecule reaction, which led to his invention of chemical ionization, a method used to identify molecular structures, and for Contribution to the ACS Community, due to his work in introducing thousands of University of Delaware students to the ACS through the Student Affiliate section, providing them with opportunities for leadership, community service, and professional development. The Fellows were recognized at the 256th ACS National meeting held August 19-23, 2018 in Boston, MA. Prof. Munson joins six other former presidents of ASMS to be named as an ACS Fellow: Cathy Costello, Chris Enke, Catherine Fenselau, Jean Futrell, Ronald Hites, and Barbara Larsen. He is also a Fellow of the American Institute of Chemists (AIC), and a Fellow of the American Association for the Advancement of Science.

Prof. Munson grew up in Texas and graduated from the University of Texas in Austin and then worked in the research division of Humble Oil Company (subsequently, Esso Research and Engineering) in Baytown, Texas. He began research in mass spectrometry – kinetics and thermochemistry of gas phase ion molecule reactions – in the fundamental research group with Joe L. Franklin and Frank H. Field. His first ion chemistry paper was on reactions of ions and excited atoms of the rare gases. Studies on ion chemistry of hydrocarbons and the effects of impurities at increasingly higher pressures in the source of the mass spectrometer led to the development with Frank Field of the technique of chemical ionization mass spectrometry. In 1967, Prof. Munson began teaching in the Chemistry and Biochemistry Department at the University of Delaware, and retired in mid-2018. Throughout his career, he graduated 30 doctoral and master's degree students and trained 25 undergraduate student researchers. Much of his teaching was at the introductory level and he taught perhaps four or five thousand students overall. He

taught chemistry to freshmen in the University Honors Program for 40 years.

In recognition of his achievements, Prof. Munson received numerous awards throughout his career, including the ACS Delaware Section Award for Scientific Advancement and Contributions, the Delaware Section Service Award, the Madison Marshall Award from the ACS North Alabama Section, the Spectroscopist of the Year award from the Delaware Chapter of the Society of Applied Spectroscopy, the Frank H. Field and Joe L. Franklin Award from the ACS, the award for Distinguished Contributions in Mass Spectrometry from ASMS, the award for Outstanding Contributions in the Fields of Analytical Chemistry from the Eastern Analytical Symposium, and the AIC Chemical Pioneer Award.

Prof. Munson has been active with the Delaware Section of ACS since 1971. He was on the executive committee from 1984 to 1994, and was the adviser to the ACS Delaware undergraduate chemistry society for almost 40 years.

ASMS Postdoctoral Career Development Awards

Up to five ASMS Postdoctoral Career Development Awards in the amount of \$5,000 each will be presented annually. The purpose of these awards is to promote the professional career development of postdoctoral fellows in the field of mass spectrometry. The awards are open to postdoctoral fellows within three years of completing a Ph.D. or equivalent degree. Applicants must be a member of ASMS, be currently appointed as a postdoctoral fellow in North America (e.g., in academia, industry, a government or national laboratory or at a research institute), be appointed as a postdoctoral fellow during the entire period of the award (June 1 – May 31), and may not have previously received an award under this program. Funds from this award are to be expended on activities that enhance the awardee's professional development.

The deadline for submission of completed applications is **November 30, 2018**

Additional information regarding the program, including eligibility, fiscal details and the application process, may be found at: <http://www.asms.org/about/asms-awards/postdoctoral-awards>

ASMS Speaker Program

The ASMS has allocated funds to support an ASMS-sponsored speaker program, with the objectives to (i) support vibrant seminar programs at local MS discussion groups, (ii) increase exposure of students at non-Ph.D. granting institutions to research in mass spectrometry, and (iii) promote exposure and professional development of young MS professionals at the onset of an independent research career.

Any ASMS member at the rank of Assistant Professor (at the time of invitation) is eligible to receive support, with no more than two sponsored trips per calendar year per speaker. Eligible hosts may be (i) any North American MS discussion group or (ii) any North American non-Ph.D. granting college or university, with no single host to propose more than two ASMS-sponsored events in a calendar year.

Additional information regarding the program, including the application process and eligible expenses (travel, meals, lodging and expenses up to \$1500 per event, until the annual budget for the program is exhausted) may be found at: <http://www.asms.org/member-center/discussion-groups>.

Mass Spectrometry Tutorial Videos

As a resource to the community, and to provide information for those interested in learning more about fundamental and applied aspects of mass spectrometry, ASMS is compiling a library of introductory tutorial videos. To date, six videos have been created and posted to the ASMS website (<http://www.asms.org/about/about-mass-spectrometry>). These are:

- ‘**Ionization Methods**’, presented by David C. Muddiman (North Carolina State University)
- ‘**Mass Analyzers**’, presented by Richard Vachet (University of Massachusetts Amherst)
- ‘**Tandem Mass Spectrometry, or MS/MS**’, presented by Scott A. McLuckey (Purdue University).
- ‘**Imaging Mass Spectrometry: An Overview**’, presented by Michelle Reyzer (Vanderbilt University)
- ‘**Nested Ion Mobility-TOF Mass Spectrometry**’, presented by David E. Clemmer (Indiana University)
- ‘**The First Fifty Years of Mass Spectrometry: Building a Foundation**’, presented by Michael L. Gross (Washington University, St. Louis) as a plenary lecture during the 2013 ASMS Annual Conference in Minneapolis.

If you have suggestions for future tutorial video projects, or other Educational content for the website, please contact the Member-at-Large for Education, or a member of the Education committee (<http://www.asms.org/about/asms-leadership/committees/education>)

Related Events

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

November 11 – 14, 2018

IMSS II & OurCon VI Conference

Charleston, SC

<https://www.imagingmssociety.org>

and <http://www.ourcon.org>

November 28 – 30, 2018

4th Australian Lipid Meeting

Sydney, Australia

<https://www.centenary.org.au/research/alm4/>

November 28 – December 1, 2018

31st Annual Tandem Mass Spectrometry Workshop

Lake Louise, Alberta, Canada

<http://lakelouisemsms.org/>

December 9 – 12, 2018

BrMASS 2018

Rio de Janeiro, Brazil

<http://congresso2018.brmass.com/>

January 30 – February 3, 2019

**27th Australian and New Zealand Society for
Mass Spectrometry Conference**

Auckland, New Zealand

<http://www.anzsms.org>

February 7 - 10, 2019

24th Annual Lorne Proteomics Symposium

Lorne, Victoria, Australia

<http://www.australasianproteomics.org/lorne-proteomics-symposium-2019>

March 31 – April 4, 2019

**Mass Spectrometry: Applications to the
Clinical Laboratory**

Palm Spings, CA

<https://www.msaccl.org>