

NEWS AND VIEWS



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November 2017

Announcements

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

ASMS Sanibel Conference Computational Modelling in Mass Spectrometry and Ion Mobility: Methods for Ion Structure and Reactivity Determination

January 25 - 28, 2018

Hilton St. Petersburg Bayfront Hotel
St. Petersburg, FL

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



Organizers

Iain Campuzano, *Amgen*

Frank Sobott, *University of Antwerp*

Michael van Stipdonk, *Duquesne University*

66th Annual ASMS Conference on Mass Spectrometry and Allied Topics

June 3 - 7, 2018

San Diego, CA

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



Awards

Dr. **Kevin A. Schug**, the Shimadzu Distinguished Professor of Analytical Chemistry in the Department of Chemistry and Biochemistry at The University of Texas at Arlington (UTA), has received the **American Chemical Society (ACS) Division of Analytical Chemistry 2017 J. Calvin Giddings Award for Excellence in Education**.

The Award, given annually to recognize the work of the recipient in enhancing the personal and professional development of students in the study of analytical chemistry, was presented at the 254th ACS National Meeting held August 20-24, 2017 in Washington, D.C.



Dr. Schug received his B.S. degree in Chemistry in 1998 from the College of William and Mary, and his Ph.D. in Chemistry from Virginia Tech in 2002 under the supervision of Prof. Harold M. McNair. From 2003-2005, he performed post-doctoral research

in the laboratory of Prof. Dr. Wolfgang Lindner at the University of Vienna in Austria. Since joining UTA in 2005, his research has been focused on the theory and application of separation science and mass spectrometry for solving a variety of analytical and physical chemistry problems. Current efforts are largely centered on investigating the potential environmental impact of industrial processes, the development of streamlined top-down quantitative proteome analysis methods from complex matrices, and the development and application of new analytical technologies, such as gas chromatography – vacuum ultraviolet spectroscopy and on-line supercritical fluid extraction – supercritical fluid chromatography – mass spectrometry. To date, he has over 130 peer-reviewed publications, and 400 presentations, posters, and invited talks to his group's credit. He has been the primary mentor and research advisor to more than 20 graduate and 50 undergraduate students. In recognition of his contributions, Dr. Schug received the 2009 Emerging Leader in Chromatography award given by LCGC magazine, an NSF CAREER award, the 2009 Eli Lilly and Company Young Investigator Award in Analytical Chemistry, and the 2013 American Chemical Society Division of Analytical Chemistry Young Investigator in Separation Science Award. For his teaching, he received the 2014 University of Texas System Regents' Outstanding Teaching Award, and was named in 2016 as a Fellow of the University of Texas System Academy of Distinguished Teachers. He is a Senior Editor for the *Journal of Separation Science*, and a member of the Editorial Advisory Boards of the *Journal of the American Society for Mass Spectrometry*, *LCGC Magazine*, and *Analytica Chimica Acta*.

Dr. **Erin S. Baker**, Senior Research Scientist in the Environmental Molecular Sciences Laboratory (EMSL) of the Biological Sciences Division at Pacific Northwest National Laboratory (PNNL) in Richland, WA, was selected as one of six recipients of the **2017 Rising Star Award, bestowed by the Women Chemists Committee of the American Chemical Society (ACS)**. Every year since 2011, the committee



has chosen exceptional women scientists approaching mid-level careers who have demonstrated outstanding promise for contributions to their respective fields. The award is open to all female ACS members in chemistry and chemical engineering working in academic, industrial, government, non-profit or other employment sectors. Dr. Baker presented highlights of her work in an award symposium held during the 253rd ACS National Meeting held April 2-6, 2017 in San Francisco.

Dr. Baker received her B.S. degree in Chemistry, with a minor in Mathematics, from Montana State University, Bozeman in 2001, and a Ph.D. in Chemistry from the University of California, Santa Barbara in 2005, in the laboratory of Prof. Michael T. Bowers. She then joined PNNL as a post-doc in the laboratory of Dr. Richard D. Smith in 2006, prior to being appointed to her current position in 2008. She has more than 17 years' experience utilizing ion mobility spectrometry in conjunction with mass spectrometry (IMS-MS) to study environmental and biological systems. In the last 12 years, she has worked primarily on IMS-MS applications in the field of proteomics and more recently she has optimized IMS-MS metabolomic, glycomic and lipidomic separations. Her research involves the development and evaluation of high-throughput IMS-MS, SPE-IMS-MS and LC-IMS-MS analyses to quickly analyze numerous samples in a short time period without losing valuable biological information, as well as assessing the number and quality of features detected with IMS-MS for comparison with existing MS platforms. Dr. Baker's research interests include developing novel 'omic separations to better identify and quantify different molecular species, uncovering statistically significant molecular changes in disease conditions and environmental perturbations, and working with software developers to implement new tools for faster multidimensional data analysis. To date, this research has resulted in > 90 publications, 5 patents and > 70 oral presentations. Dr. Baker currently serves as a member of the Editorial Boards for *Scientific Reports* (2017-present), and the *International Journal of Mass Spectrometry* (2012-present). She was a member of the ASMS Sanibel Conference Organizing Committee from 2013-2015 and served as Chair of this committee from 2015-2016. She also served as Co-chair of the ASMS Ion Mobility MS Interest Group from 2014-2016, and has been an Instructor for the Ion Mobility Short Course at the ASMS Annual Conference since 2015. In June 2017, Dr. Baker presented an invited tutorial on Ion Mobility Spectrometry at the ASMS Annual Conference in Indianapolis.

ASMS Postdoctoral Career Development Awards

Up to five ASMS Postdoctoral Career Development Awards in the amount of \$10,000 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. Activities include, but are not limited to, conference and workshop attendance, travel to other mass spectrometry laboratories, and purchase of books and/or software.

The deadline for submission of completed applications is **November 30, 2017**

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 Graduate Student Travel Awards

The ASMS Graduate Student Travel Awards recognize graduate students whose academic achievements and current mass spectrometry research display a high level of excellence and distinction. Ten awards will be conferred annually. The Awards are intended to support ASMS conference travel. Conference attendance is required. Only one applicant per research group may apply. **Note:** In selected cases, awards may be used for travel to attend a non-ASMS conference to present mass spectrometry research in a topic area not covered at the ASMS conference.

An individual may receive no more than one ASMS travel award per calendar year, including for the Asilomar Conference, Fall Workshop, and Sanibel Conference.

The awards, to be presented at the conference, include \$1,000, free conference registration, and a matted certificate.

Applicants must be an ASMS student member who is:

- in the 2nd year or more of a Ph.D. degree program at the time of the conference;
- presenting author on an abstract submitted online for the ASMS annual conference (or non-ASMS conference, if applicable).

The application deadline for the ASMS annual conference is **January 15, 2018**. Abstract submission must be completed before the award application.

For further information, see <http://www.asms.org/about/asms-awards/student-travel-awards>

Undergraduate Student Travel Awards for the ASMS Annual Conference

The ASMS Undergraduate Student Travel Awards recognize undergraduate students whose academic achievements and interest in mass spectrometry research display a high level of excellence and distinction. Ten awards will be conferred annually. The Awards are intended to support travel to the ASMS annual conference. Conference attendance is required. Only one applicant per research group may apply.

An individual may receive no more than one ASMS travel award per calendar year.

The awards will be presented at the conference. Each award includes \$500, free conference registration and a matted certificate. Applicants may also participate in the conference poster competition for undergraduate students.

Applicants must be:

- Enrolled full time in an undergraduate degree program or within one month of graduation at the time of the conference;
- Presenting author on an abstract submitted online for the ASMS annual conference.

The application deadline for the ASMS annual conference is **January 15, 2018**. Abstract submission must be completed before the award application.

For further information, see <http://www.asms.org/about/asms-awards/student-travel-awards>

Call for ASMS Short Course Proposals

ASMS offers a series of one- and two-day short courses prior to the annual conference (www.asms.org/conferences/annual-conference/short-courses). If you have a suggestion for future short courses, please submit a proposal to the ASMS office at least one month prior to the start of the annual conference. Although there is no set format, typical short course proposals contain the following information.

- Brief outline describing the rationale, need and scope for the proposed short course.
- Intended audience.
- 1 day, or 2 day? Note that 1 day courses can be repeated on the Saturday and Sunday, or can be offered as a individual stand alone 1 day 'Beginner' course on the Saturday and a 1 day 'Advanced' course on the Sunday.
- Detailed Course Outline.
- Proposed instructor(s) qualifications and experience in the short course topic.
- Other courses (within ASMS or other organizations) that offer similar or overlapping content to the proposed short course.
- Any other relevant information.

The Education committee chair is also available to answer any questions regarding proposals prior to their submission. The Education committee (www.asms.org/about/asms-leadership/committees/education) will meet during the annual conference to formally evaluate the status of current short courses, evaluate new proposals, and to make recommendations regarding the courses that should be offered in the future, which are then submitted to the ASMS Board for approval.

Related Events

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

November 29 – December 2, 2017

30th Annual Tandem Mass Spectrometry Workshop
Lake Louise, Alberta, Canada
<http://lakelouisemsms.org/>

December 11 – 13, 2017

7th Asia Oceania Mass Spectrometry Conference (AOMSC2017)
Singapore
www.aomsc2017.org

January 21 – 25, 2018

Mass Spectrometry: Applications to the Clinical Laboratory
Palm Spings, CA
www.msac1.org/

February 1 - 4, 2018

23rd Annual Lorne Proteomics Symposium
Lorne, Victoria, Australia
www.australasianproteomics.org/lorne-proteomics-symposium-2018

March 11 - 14, 2018

US HUPO 14th Annual Conference: Technology Accelerating Discovery
Minneapolis, MN
www.ushupo.org

August 26 - 31, 2018

22nd International Mass Spectrometry Conference
Florence, Italy
www.imsc2018.it