

SAS Election Winner Profiles 2019

Officers



**President-Elect
Karl Booksh**

Biography

Booksh has been a Professor of Chemistry and Biochemistry at the University of Delaware since 2007. Prior, he was on the faculty at Arizona State University, postdoc at University of South Carolina, graduate school at the University of Washington, and undergraduate at the University of Alaska. His research interests span chemometrics, Raman imaging, surface plasmon resonance spectroscopy, and the design of field portable optical sensors. He has approximately 100 published manuscripts in these areas. Within SAS Booksh serves as treasurer of the chemometrics focus group and as faculty advisor for the Delaware student section. He has chaired the SAS Certification Program committee and organized symposia on chemometrics and surface plasmon resonance spectroscopy at SciX. Booksh was selected as a SAS Fellow in 2014. Booksh has not won a Meggers Award but would like to one day.



**Treasurer
Diane Parry**

Biography

Diane Parry is currently a consultant, after retiring as an Associate Director in Global Research and Development from The Procter & Gamble Company. She has worked as an Analytical Chemist, Product and Process Designer, and Consumer Researcher within Procter & Gamble R&D. Prior to her work at P&G, she completed postdoctoral infrared spectroscopy work at IBM's Almaden Research Center in San Jose, CA, after earning her Ph.D. in Physical and Analytical Chemistry from the University of Utah under the guidance of Professor Joel Harris. Beyond P&G and training, Diane taught the Analytical Chemists in Industry Short Course at FACSS/SciX and elsewhere for over 17 years. She has received Distinguished Service Awards from both SAS and FACSS for her volunteer service, and has held multiple positions within both organizations, including FACSS Governing Board Chair and President of SAS. She is currently serving the last year of a three-year term as Treasurer for SAS.

Governing Board Delegates



Karin Balss

Biography

Karin Maria Balss earned her Ph.D. from the University of Illinois Urbana-Champaign in 2002. During a National Research Council Post-doctoral fellowship at the National Institute of Standards and Technology (NIST) from 2002-2004, she developed novel analytical methods for lab-on-a-chip applications, resulting in two US patents and five publications. She joined Johnson and Johnson in 2004 and developed spectroscopic methods to characterize polymeric drug-eluting stent coatings. In 2012, she received the Johnson & Johnson Philip B. Hoffman. In 2013, she shifted roles to support modeling, PAT, and materials characterization in the pharmaceutical sector. Karin has three US patents, co-authored 17 peer-reviewed publications, and presented invited lectures at national and international conferences. She served the analytical chemistry community within J&J as secretary of the Corporate Analytical Subcommittee, organizing company-wide symposiums and facilitating exchange of ideas across sectors.



Matthieu Baudelet

Biography

Matthieu BAUDELET graduated with a B.Sc. in Physics in 2003, starting his experience in Spectroscopy with Fourier-Transform Microwave Spectroscopy. In 2005, he graduated with a M.Sc. in "Laser and Spectroscopy" in the University of Lyon (France) and continued to complete his Ph.D. in the LASIM (Lyon, FR) showing the advantages of LIBS for biological sensing and food monitoring. He continued his research on laser spectroscopy and sensing as a Senior Research Scientist and then Assistant Research Professor at the University of Central Florida (UCF, Orlando, FL) from 2008 to 2015, covering fundamentals of laser-induced plasmas and developing sensing techniques for defense, industry, biomed. Now Assistant Professor of Chemistry in the National Center for Forensic Science at UCF since 2015, his research focuses

on the application of spectroscopic techniques for forensic anthropology, tire skid marks and pollen grains, while teaching spectroscopy and microscopy in the UCF forensic program.



Peter Harrington

Biography

Peter graduated with a BS Chemistry degree from Randolph-Macon College in Ashland, VA. He was hired by Nabisco Brands in Wilton, CT where he fostered his interests in spectroscopy and chemometrics. After working for two years, he decided to earn a doctorate from Tom Isenhour at the University of North Carolina-Chapel Hill. As a graduate student, he published his first paper in Applied Spectroscopy on compressing a library of infrared spectra. After graduation, he worked as a Research Assistant Professor for Kent Voorhees at the Colorado School of Mines on the identification of bacteria using pyrolysis mass spectra. He then accepted a faculty position at Ohio University in 1989 where he has been since. Pete co-founded the Center for Intelligent Chemical Instrumentation. He also is a Fellow of the American Academy of Forensic Sciences and earned the Colleges Outstanding Research Award in 2016 and the EAS Award for Outstanding Contributions in Chemometrics in 2019.



Luisa Profeta

Biography

Luisa has been an active SAS member for over 15 years, and an active member of the Coblenz Society technical section as well. She has volunteered many hours to SAS, Coblenz and FACSS efforts, including, but not limited to: serving as a board member for SAS and Coblenz, as the SciX 2014 General Chair in Reno, NV, and is currently a reviewer for the SAS Newsletter and has recently been re-elected Coblenz Secretary. Luisa promotes applied spectroscopy at the SPIE.DCS meeting as a co-Conference Chair for the *Next Generation Spectroscopic Technologies* along with other SAS colleagues.

Luisa appreciates the camaraderie and networking help that SAS has provided in her career and tries to give back in kind. She feels that her still junior status allows her to infuse new perspectives to the Board, while keeping pertinent historical information in mind when suggesting and considering the future directives.



Gloria Story

Biography

Senior Scientist: 35 years @ P&G

Study Areas:

Solid/Liquid interface dynamics

Mid-IR spectroscopic problem solving and interpretation Mid-IR and NIR spectroscopic imaging of materials

Thermal imaging for product development, manufacturing vision, and claims/demos

Education:

AS in Science Technology (Raymond Walters Technical College)

Worked on BS in Chemistry @ University of Cincinnati and the University of Utah

Many training classes in FT-IR, Raman, chemometrics, interpretation, thermography

Member:

Coblentz Society for 31 years Society for Applied Spectroscopy for 25 years American Chemical Society for 25 years

Presently serving:

Cincinnati ACS section's membership, education grants, and Museum Center outreach coordinator; SAS Regional/Technical Section Affairs coordinator

Honors:

2005 Cincinnati ACS Outstanding Service Award 2015 SAS Distinguished Service Award 28 publications

Personal:

Mother of Michael Story (Materials Engineer), Scout Ment