

SAS SPECTRUM eNEWS

Announcement of the Elections Results and New Officers

Congratulations to the following newly elected SAS officers and Governing Board Delegates for the term beginning in January 2018: President-Elect: Robert Lascola; Secretary: Ian Lewis; Delegates: Laura Bush, Rina Dukor, Jay Kitt, Isao Noda, Alex Scheeline; Student Representative: Megan Schmale.

SAS Awards SciX 2017

SAS Distinguished Service Award: Geoffrey Coleman, Brian Perry

SAS Honorary Membership Award: Terry Miller

SAS Lester W. Strock Award: Frank Vanhaecke

SAS Barbara Stull Graduate Student Award: David Bryce

SAS Meggers Award: Presented to Naoto Nagai, Yuta Kijima, and Makoto Okawara for "Infrared Response of Sub-Micron-Scale Structures of Polyoxymethylene: Surface Polaritons" in *Polymers Applied Spectroscopy* (Volume 70, Issue 8, pp. 1278 – 1291).

Bruce R. Kowalski Award in Chemometrics: Joseph P. Smith

SAS Fellows Award: Franklin E. Barton II, Richard Crocombe, Karen Faulds, Kathleen Gough, Terry Miller, Linda Kidder

SAS William J. Poehlman Award: SAS Cleveland Regional Section

Coblentz Award Sessions at SciX 2017

The Student Awards and the William G. Fateley award will be presented Sunday, October 8, during the Welcome Mixer and Student Poster Session in the Reno Ballroom of the Grand Sierra Resort. The 2017 Coblentz Student awardees are: David Bryce, University of Utah, Professor Joel Harris; Ewelina Mistek, University at Albany, SUNY, Professor Igor Lednev; Christian Graefe, University of Minnesota, Professor Renee Frontiera; James Brooks, University of Minnesota, Professor Renee Frontiera.

The 2017 William G. Fateley awardee is David Bryce, University of Utah, Professor Joel Harris.

The Ellis R. Lippincott Award is presented annually to an outstanding vibrational spectroscopist. It is co-sponsored by the Coblentz Society, the Society for Applied Spectroscopy, and the Optical Society of America. The 2017 Lippincott Award will be presented to Professor Roberto Merlin of the University of Michigan. The award presentation and plenary lecture, "Vibrational Engineering: From Superlattices to Coherent and Squeezed Phonons," are scheduled for Monday, October 9 at 8:30 am in the Tahoe Ballroom. The Lippincott Award Symposium honoring Professor Merlin will follow at 1:30 pm in Crystal 1. The Craver Award for Applied Vibrational Spectroscopy will be presented to Professor Martin Zanni of the University of Wisconsin—Madison. The award presentation and plenary lecture, "The Technology behind Coherent 2D IR Spectroscopy and its Application to Amyloid Diseases", will be given on Tuesday, October 10 at 8:30 am in the Tahoe Ballroom. The Craver Award Symposium honoring Professor Zanni will follow at 1:30 pm.

Former SAS President John Ferraro Passes Away

Longtime Society for Applied Spectroscopy member Dr. John R. Ferraro, age 99, of Elmhurst, Illinois, passed away on August 25, 2017. He was born in Chicago, Illinois, to Sicilian immigrants Charles and Jennie Ferraro. He was preceded in death by his loving wife, Mary (née Leo) in 2014. He is survived by his son Lawrence (Gayl), daughters Janice (Dennis) Ross and Victoria (Ed) Walsh; seven grandchildren Michael (Robyn) Ferraro, Daniel (Jessica) Ferraro, Julia (Michael) Castor, Jonathan Geihlsler, Alyssa (Brian) Holaday, Timothy (fiancée Taylor Steger) Walsh, and Brian Walsh; and six great-grandchildren Emma Ferraro, Madeline and Andrew Ferraro, Samuel and Zachary Castor, and Nora Holaday. John had three great loves: faith, family, and education. John served in WWII with the Army Air Force in the rank of Major in the China-Burma-India Theatre from 1942–1945 as a meteorologist



(see page three of Arcs and Sparks, <https://www.s-a-s.org/userfiles/uploads/V11N2.pdf> for further details). He received his BS from Illinois Institute of Technology (1941), his MS from Northwestern University (1948), and his PhD from Illinois Institute of Technology (1954) in the field of chemistry. His professional career began in 1942 with Kankakee Arsenal, Kankakee, Illinois, as supervising chemist for TNT and tetryl laboratories. After the war, John became a Senior Scientist at Argonne National Laboratory in 1948, and was later a special Team Facility Appointee. John received the Searle Professor of Chemistry appointment at Loyola University in Chicago in 1990. He was adjunct Professor at the University of Arizona in the Lunar and Planetary Laboratory, and spent sabbatical years at the University of Florence and the University of Rome, Italy. John was visiting Professor at the University of Cagliari, Sardinia, Italy; the Peking University, China; and the University of Aachen, Germany. John retired from Argonne National Laboratory after 57 years, and earned the title of Professor Emeritus from Loyola University of Chicago. John served as President of the Society in 1965, and Editor-in-Chief of Applied Spectroscopy from 1968–1974. Additionally, John was recognized by the Society as an Honorary Member, Distinguished Service Awardee, and Fellow.

Services for Dr. Ferraro were held on Tuesday, September 5, 2017. In lieu of flowers, memorials can be made to St. Jude Children's Research Hospital, PO Box 1000, Dept. 142, Memphis, TN 38148, or Northwestern University Wildcat Fund, Attn: David Solow, 1201 Davis St., Evanston, IL 60208.

Former SAS President and Honorary Membership Awardee Ted Rains Passes Away

Longtime Society for Applied Spectroscopy member Theodore "Ted" Conrad Rains, Ph.D., 92, of Charleston, South Carolina, passed away Friday, September 8, 2017. Dr. Rains was born January 10, 1925, on a tobacco and dairy farm in Henry County, Kentucky, son of the late Fred L. Rains and Mishie O. Rains. He received his Bachelor's Degree from Eastern Kentucky University and his Doctorate in Chemistry from the University of Tennessee. Dr. Rains had a distinguished career in science. The seminal point in the development of that career was in 1952 when he accepted a position at the Oak Ridge National Laboratory. During the next thirteen years, he would develop and publish scientific methods associated with the preparation and analysis of chemical elements. In 1965, Ted accepted a position at the National Bureau of Standards (now the National Institute of Standards and Technology, NIST) in Washington, D.C. While at NIST he contributed to the development of the Standard Reference Material program and in representing NIST in training international laboratories. His contributions resulted in the publishing of hundreds of scientific papers, a co-authored three-volume set on chemical instrumentation, and hundreds of presentations at national and international scientific meetings. Upon retirement in 1990 from NIST in Gaithersburg, Maryland, Dr. Rains accepted an offer from investors at General Engineering Laboratories in Charleston, South Carolina, to establish a private business to manufacture chemical solutions for the use in calibrating and quality control of chemical instrumentation. That family-run company, High-Purity Standards, a certified reference material manufacturer with global sales in North Charleston, presently employs 40+ employees. Predeceased by his wife Mavis Stivers Rains, he is survived by his three daughters, Connie Hayes of North Charleston, South Carolina, B. Diane Haines of Germantown, Maryland, and Pamela Conrad of Leonardtown, Maryland, six grandchildren, and five great-grandchildren.

**Do you have something spectroscopy-related you want to discuss in the newsletter?
Or something that will help our membership such as career tips or application tips?
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