

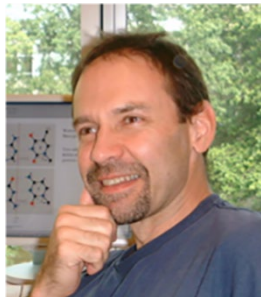
# SOCIETY FOR APPLIED SPECTROSCOPY AWARDS

## SAS APPLIED SPECTROSCOPY WILLIAM F. MEGGERS AWARD

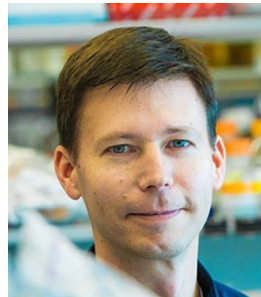
2021 Meggers Award Paper Published in *Applied Spectroscopy*, 2021, Vol. 75(5) 520–530

### Augmented Two-Dimensional Correlation Spectroscopy for the Joint Analysis of Correlated Changes in Spectroscopic and Disparate Sources

H. Georg Schulze, Shreyas Rangan, Martha Z. Vardaki, Diepiriye G. Iworima, Timothy J. Kieffer, Michael W. Blades, Robin F. B. Turner and James M. Piret



**Georg Schulze** obtained a Bsc. Eng. (Chem.) from the University of Pretoria, followed by two years of industrial experience.



**Timothy Kieffer** completed a Ph.D. degree in Physiology from The University of British Columbia in 1994, followed by a Post-Doctoral Fellowship in Molecular Endocrinology at Massachusetts General Hospital & Harvard Medical School.



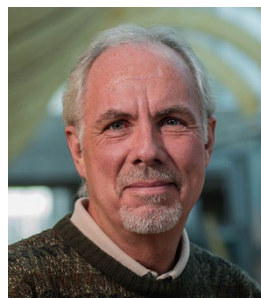
**Shreyas Rangan** completed his B.Tech. and M.Tech. in Biotechnology from the Indian Institute of Technology Madras, followed by an M.Sc. in Genome Science and Technology from The University of British Columbia (UBC).



**Michael Blades** received a B.Sc. in Chemistry at St. Mary's University (Halifax, Nova Scotia) and a Ph.D. at the University of Alberta in 1980 working in the area of plasma spectrochemistry.



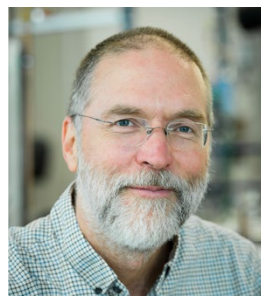
**Martha Vardaki** obtained a B.Sc. and M.Sc. in Pharmacy and Pharmaceutical analysis respectively from the University of Patras and a Ph.D. degree in physics from the University of Exeter (UK), followed by a Research Associate appointment in Imperial College London.



**Robin Turner** earned a Ph.D. degree in electrical engineering from the University of Alberta in 1990.



**Diepiriye Iworima** moved from Nigeria and obtained her B.Sc. (Hons) and M.Sc. in Cellular Biology from Simon Fraser University.



**James Piret** has a Bachelor's degree from Harvard in Applied Mathematics to Biochemistry and a Chemical Engineering doctoral degree from MIT in 1989.

## NESAS AND SAS LESTER W. STROCK AWARD

*Established by the SAS New England section to recognize an author or authors of an outstanding paper or series of papers.*



### **Igor Gornushkin**

Dr. Igor Gornushkin is a senior scientist at the BAM Federal Institute for Materials Research and Testing in Berlin, Germany.

## ELLIS R. LIPPINCOTT AWARD

*The Ellis R. Lippincott Award is awarded annually to recognize an individual that has made significant contributions to the field of vibrational spectroscopy. The award was jointly established in 1975 by The Optical Society (OSA), The Coblenz Society, and The Society for Applied Spectroscopy to honor the unique contributions of Professor Ellis R. Lippincott. Among other contributions, Professor Lippincott was one of the developers of the diamond anvil cell which is widely employed used in high pressure research, and because innovation was a hallmark of Lippincott's work, this quality must also be demonstrated by candidates for the award.*



### **Martin Zanni**

Martin T. Zanni is the Meloche-Bascom Professor of Chemistry at the University of Wisconsin-Madison.

## SAS ATOMIC TECHNICAL SECTION STUDENT AWARDS

*Recognizing outstanding student research in the area of Atomic Spectroscopy*



### **Ana Lores Padin, University of Oviedo**

Ph.D. candidate in the BionanoAnalytical Electrochemistry and Spectrochemistry



### **Emily Kwapis, University of Florida**

Ph.D. candidate in Nuclear Engineering



### **Marcus von der Au, Federal Institute of Hydrology**

Ph.D. candidate in analytical chemistry



### **Lucía Gutiérrez Romero, University of Oviedo**

Ph.D. candidate in Mass Spectrometry in Biomedical Analysis

## SAS EARLY CAREER INTEREST GROUP TRAVEL GRANT

*Travel support for Early Career Scientists (within 5 years of earning a terminal degree) to SAS' National meeting during SciX. Awarded to Early Career scientists who demonstrate merit in the field of spectroscopy and/or those who demonstrate financial need.*



**Malama Chisanga**  
University of Montreal, Canada,  
Department of Chemistry



**Olga Eremina**  
University of Southern California,  
Department of Biomedical Engineering

## SAS BARBARA STULL GRADUATE STUDENT AWARD

*Recognizing graduate students for outstanding research in spectroscopy. Presented in honor and memory of longtime SAS staff member and colleague Barbara L. Stull.*



**Alexis Weber, University at Albany - SUNY**  
Awarded for outstanding research efforts targeting the development of the first universal tool for the identification and analysis of body fluid traces for forensic purposes as well as an outstanding research background in forensic science.

## SAS UNDERGRADUATE STUDENT AWARDS

*Given to junior or senior undergraduate students for outstanding research in spectroscopy*



**Ewelina Randall,  
City College of  
New York**

Awarded for work in construction of hyperspectral microscopy of visible and near-infrared

fluorescence and the development of near-infrared nanosensors that transduce information via spectral changes in living cells and animals.



**Aaron K. Mclean,  
Monash University**

Awarded for work in applying FTIR spectroscopy to diagnose COVID-19 in saliva and helping develop the chemometric model for the infrared based saliva screening test for COVID-19.

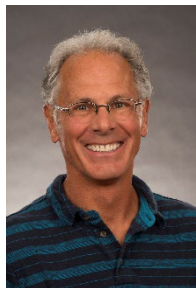


**Aric Potter,  
University of  
Utah**

Awarded for studies in reversed-phase chromatographic stationary-phase materials with covalently-bound n-alkyl chains and the influence of surface curvature on the structure of alcohol-hybrid monolayers.

## SAS FELLOW

*Recognizing individual members for their outstanding service to the field of spectroscopy and the Society for Applied Spectroscopy.*



**John H. Kalivas**

Professor, Department of Chemistry at Idaho State University

## SAS HONORARY MEMBERSHIP AWARD

*Recognizing those individuals who have made exceptional contributions to spectroscopy.*



**Stanley Michael Angel, University of South Carolina**

Awarded for the breadth and scope of his research and accomplishments in the fields of atomic and vibrational spectroscopies and the fact that he is among the best instrument innovators and builders of this generation.

## WILLIAM J. POEHLMAN AWARD



**Spectroscopy Society of Pittsburgh**

*The section was chosen for its efforts in attracting high attendance to meetings, collaboration with SACP and SSP, and offering virtual broadcasts of meetings.*

## 2022 SAS SERVICE AWARDEES



**President Karl Booksh**

Past President  
2020, President  
2021, Past  
President 2022



**Treasurer Diane Parry**  
2017-2022



**Membership Chair Brooke Kammrath**  
2019-2022

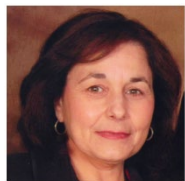
## SAS DISTINGUISHED SERVICE AWARD



**Howard L. Mark, Mark Electronics**

Awarded for his active participation in and longtime service to the Society for Applied Spectroscopy. During his more than 40-year tenure with SAS, Dr. Mark has made exceptional contributions as a tireless volunteer and officer for the SAS New York-New Jersey Regional Section.

## SAS PRESIDENT'S AWARD



**Ellen v. Miseo**

*Awarded for for recent extraordinary contributions in service the Society for Applied Spectroscopy in the area of education and training*



**Richard A. Crocombe**

*Awarded for for recent extraordinary contributions in service the Society for Applied Spectroscopy related to the launch of a new society journal*



