

SAS 2021 Election of Officers and Governing Board Delegates Results

Congratulations to your newly elected SAS Officers and Governing Board Delegates. They will begin their terms in January 2022. Click [HERE](#) to view their bios:

President-Elect

Peter Larkin

Governing Board At-Large Delegates

Brooke Kamrath

Sharon Neal

Luisa Profeta

Gloria Story

Karin Wieland

Editor's Note: Tune into Pre-SciX Events in September!

Counting down the days to SciX 2021, many of our readership are wrapping up research for poster and/or oral presentations at the first in-person meeting for most of us in nearly two years. Some are not presenting, but eagerly awaiting the arrival of the conference to reconnect, absorb new technical information, and network with colleagues, in-person.

There are several opportunities for in-person networking at SciX, many of which are noted in this Newsletter or by the SciX distribution emails. To keep up to date on the SAS events at SciX, bookmark our [SciX landing page](#), where we will be publishing the latest information.

Unfortunately, some readers are caught in a difficult position, where their in-person attendance is desired, but circumstances beyond their control are preventing in-person attendance. The SciX planning team, along with SAS and other FACSS member societies have been working hard to be attentive to this last category of researchers and analytical colleagues with changes in networking. Keeping these attendees in mind, **SAS is offering members several opportunities before SciX to network with other scientists.** Please read about these below! We hope to see many of our readers at SciX and at these pre-SciX events!

Luisa Profeta, SAS Newsletter Editor

SAS Announcement from our Past, Current, and Future Presidents Regarding SciX Activities

We are confident that the policies put in place by FACSS for SciX will ensure a safe in-person meeting; however, we know many of you cannot attend. To support this:

- All SAS committee and Board meetings will now be held virtually after SciX, to enable all the interested parties to participate, and encourage full engagement with the SciX in-person program.
- The SAS Student Poster Session on Sunday evening will proceed as usual, in accordance with SciX's Covid-19 policies (<https://www.scixconference.org/COVID19>)
- We are still looking at the best solution for holding the Awards Ceremony and the Wine and Cheese: **We have sent out a Doodle Poll to help us with determining what to do. Please respond to it!**
- **Plan on stopping by our booth on the exhibit floor for up-to-date SAS information.**

Pre-SciX Events

SAS ECIG Upcoming Webinar: 14 September 2021 at 11am EDT (8am PDT)

A webinar on "**Effective Career Development through Successful Mentor and Network Relationships**" in collaboration with Spectroscopy Magazine and the Coblenz Society will be held on **Tuesday, 14 September 2021 at 11am EDT (8am PDT)**. This webinar will focus on informing attendees on how to grow and self-manage their professional network, and as well as manage mentor relationships. Attendees will review mentorship dos and don'ts for effective mentor-mentee relationship and how to find and connect with a mentor through meaningful networking strategies. Attendees will also learn how to be proactive in managing relationships and mentorships in order to benefit their professional career development. The event is free and open to all, but we do request you [register here](#).

SAS NJ/NY Regional Section Meeting: Thursday, 23 September 2021 at 12pm EDT (9am PDT)

The NJ/NY SAS Regional Section is happy to announce the continuation of their speaker series via Zoom with the Fall kick-off talk given by Dr. Dana Garcia on Thursday, 23 September at noon EDT (9am PDT).

Title: Applications of Vibrational Spectroscopy to Polymer Analysis

Abstract: The presentation will discuss two specific examples of employing vibrational spectroscopy to polymer analysis. The first topic is confocal Raman microscopy characterization of waterborne coatings to investigate spatial distribution of components, surfactant leaching and stain penetration. The second topic will examine application of coupled Rheology-FT-IR to understanding structural changes in polylactic acid and acrylic blends at elevated temperature and under shear.

Biography: Dr. Dana Garcia got her bachelor's degree in chemistry from Stockton State University (NJ) and her Ph.D. in physical-organic chemistry from the Brandeis University. Currently, she is a Principal Scientist at Arkema Inc., a world-class producer of specialty chemicals. At the Arkema King of Prussia (Pennsylvania) Research Center, she is responsible for the vibrational spectroscopy laboratory. Prior to joining Arkema, Dana spent four years at BFGoodrich, where she coordinated the adhesive and composite project: synthesis, characterization using FT-IR, thermal and rheological techniques. Before that, she worked at E. I. DuPont Corporation on fundamental long-range research projects in the area of polymer structure—property relationships, development of nucleating agents and FT-IR characterization methods. She is a 2017 Fellow of the American Chemical Society and a 2012 Fellow of American Chemical Society, Division of Polymer Chemistry.

Join Zoom Meeting <https://us02web.zoom.us/j/87876803341>

Meeting ID: 878 7680 3341

One tap mobile

+19292056099,,87876803341# US (New York)

+13017158592,,87876803341# US (Washington DC)

LaserFocusWorld Webinar: The Ever-Shrinking Optical Spectrometer.

Thursday, 16 September 2021 at 1pm EDT (10am PDT)

Former SAS President Richard Crocombe will be presenting on the following during this upcoming webinar:

A wide variety of technologies have been employed [for mobile optical spectrometers] including dispersive using linear arrays, MOEMS devices, Fourier and Hadamard transform, scanning Fabry-Perot and linear variable filters. The most recent generations of spectrometers, including those based on photonic or plasmonic devices, promise extreme miniaturization, and potentially very low cost, such that they could be incorporated into smartphones for the general public. In addition, some devices, working in the silicon detector region (~400 to ~1000 nm) are already available for a few hundred dollars or less. This raises the question of how the necessary databases and calibrations will be created, verified, and maintained, and what algorithms are employed.

SciX Events

**SAS Early Career Interest Group (ECIG) Upcoming Networking Event:
Monday, 27 September 2021 at SciX**

SAS Early Career Networking Event

Come network with leaders in the field of spectroscopy and enjoy cocktails and canapes at our open bar event in the Eddy Bar, Providence, RI.



Location: Eddy Bar, Providence, RI

Date: Monday, Sept 27th, 2021

Time: 8 - 11 pm

Cost: Free to Early Career SAS members

Not a member? Go to www.s-a-s.org to join now!



Please note, doors to the event will close at 9 pm.

This event is open to SAS Early Career Members and Invited Guests only - we will be checking registration with membership and guest status.



The SAS ECIG networking event will be in-person at SciX 2021 in Providence, Rhode Island. This event will take place on **Monday, 27 September 2021 from 8-11 pm EDT**. Come network with spectroscopy leaders from academia and industry and hear more about their career paths. This event is open to Early Career members only. [Register here](#).

SAS Student Upcoming Networking Event: Monday, 27 September 2021 at SciX



It's that time again
for...

*The Annual
SAS Student Event*



AT SCIX 2021

DATE:

MONDAY, SEPTEMBER 27, 2021 @ 8 PM

LOCATION:

UNION STATION BREWERY
36 EXCHANGE TERRACE
PROVIDENCE, RI 02903



- Join us for snacks, drinks, and a trivia game.
 - Don't forget to bring your badge.
 - Not a student member? No worries, you may sign up at the door for \$10.
 - Tell your friends!
- SAS student members only



Updates to SciX 2021 SAS Meetings and Networking Events

Sunday, September 26

Meeting	Time
SAS Executive Committee	Moved virtual after SciX
SAS Member Event	Cancelled
SAS Poster Session	7pm – 9pm

Monday, September 27

SAS Marketing Committee	Moved virtual after SciX
SAS Governing Board	Moved virtual after SciX
SAS Student Event	8pm – 11pm
SAS Early Career Event	8pm – 11pm

Tuesday, September 28

SAS Publications	Moved virtual after SciX
SAS Editorial Board	Moved virtual after SciX
SAS Awards Ceremony	6:30pm – 8pm
SAS Wine & Cheese Reception	8pm – 11pm (Details TBD)

News Beyond SciX

Introduction to the SAS Early Career Interest Group (SAS-ECIG)

About Us: In 2021, the Society for Applied Spectroscopy (SAS) created an Early Career Interest Group (ECIG) and membership category to serve scientists who have graduated with their final degree (bachelors, masters, or doctorate) within the last five years. The SAS-ECIG is a diverse committee that is dedicated to providing members with a unique experience to help promote and succeed in their career. Together, we aim to support the professional development of early career scientists through award schemes, travel grants, as well as opportunities in leadership, outreach, networking, mentorship, volunteering, formal certification, and employment.

Mission Statement: The Society of Applied Spectroscopy Early Career Interest Group (SAS-ECIG) aims to support the professional development of early career scientists through award schemes, travel grants, as well as opportunities in leadership, outreach, networking, mentorship, volunteering, formal certification, and employment.

The primary objectives of SAS-ECIG are to:

1. Offer funding opportunities to build, support and promote early career SAS members.
2. Maintain a socially supportive early career community.
3. Support early career professional development through mentorship, research collaborations, career development support, and publication opportunities.
4. Recognize and promote the professional accomplishments and community contributions of early career professionals.

We are always looking for more committee members—“if this is something you are interested in getting involved with please email faynicolson1@gmail.com for more information!



Fay Nicolson



Andrew Whitley



Beauty Chabuka



Anthony Stender



Heather Juzwa

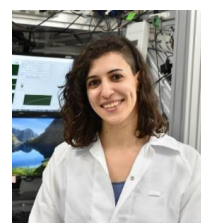
Committee Members (left to right): Fay Nicolson (founding chair), Andrew Whitley, Beauty Chabuka, Anthony Stender, and Heather Juzwa.

SAS Early Career Travel Award

SAS-ECIG are pleased and happy to announce our first ever recipients for the SAS-ECIG travel grant to the 2021 SciX conference. Congratulations to Dr. Julia Gala de Pablo and Dr. Rupali Mankar! Each awardee will receive \$750 to support the cost of registration, travel, and/or accommodation at the SciX conference, as well as a one-year SAS ECIG membership. More information on the awardees can be found below:

Dr. Julia Gala de Pablo, Department of Chemistry, University of Tokyo.

Dr Julia Gala de Pablo studied a BSc in Physics and a BSc in Biochemistry at the University Complutense of Madrid (Spain). In 2015, she moved to the University of Leeds (UK), defending her Ph.D. in Raman spectroscopy of live single colorectal cancer cells in 2019. She is currently a JSPS postdoctoral fellow at the University of Tokyo in the Goda Lab working in Fourier transform coherent anti-Stokes Raman scattering for flow cytometry and sorting.



Dr. Rupali Mankar, Department of Electrical and Computer Engineering, University of Houston

Dr. Rupali Mankar is a postdoctoral fellow at the University of Houston. She holds a Ph.D. from the University of Houston. Her research focuses on combining IR spectroscopy and machine learning to improvise spectroscopy for clinical translation. She was awarded a postdoctoral fellowship award by the National Laboratory of Medicine (NIH-NLM) for her Biomedical Informatics and Data Science field. In her Ph.D. work, she has automated osteosclerosis (one type of bone marrow fibrosis) and currently is working on overcoming the diffraction-limited spatial resolution of IR imaging for comprehensive evaluation of bone marrow fibrosis.



Call for Nominations: Coblenz Society 2022 Craver Award

Nominations for the 2022 Craver Award are due by 31 October 2021. This award is presented annually to an outstanding young molecular spectroscopist whose efforts are focused on applied analytical vibrational spectroscopy. The candidate must be under the age of 45 on 1 January of the year of the award. The Craver award is presented annually at the SciX conference presented by FACSS, at which the awardee is encouraged to present a plenary lecture. Please send nomination packages to the Society's Nominations Committee, email: office@coblenz.org.

SAS 2021 Election of Officers and Governing Board Delegates Results

Congratulations to your newly elected SAS Officers and Governing Board Delegates. They will begin their terms in January 2022. Click [HERE](#) to view their bios:

President-Elect

Peter Larkin

Governing Board At-Large Delegates

Brooke Kammrath

Sharon Neal

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? Please let us know by emailing luisaprofeta@gmail.com.

© 2021 Society for Applied Spectroscopy | Telephone: 301-694-8122 | FAX: 301-694-6860

