



Join us for our 50th Annual Meeting celebration!

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Explore, Network, Elevate
Don't miss a minute of the 50th Annual Meeting of SciX/FACSS
Exciting Keynote Speakers
Interactive Workshops
Cutting-edge Scientific Sessions
Networking Opportunities
Poster Presentations
Social Events

To stay up-to-date with the program, please click [here](#).
To register for short courses, please click [here](#).

70s Disco Gala

The SciX Gala remains a captivating opportunity for SciX attendees to mingle, dance, savor delectable cuisine, and enjoy refreshing drinks. Mark your calendar for Thursday, 12 October 2023, to be part of the extraordinary 70s Disco event and immerse yourself in the vibrant spirit of the 1970s.

SAS Early Career and Student Event at SciX

Come join us on Monday, 9 October 2023, at 8:00 PM at the "Game On!" sports bar for our annual Early Career and Student Event. SAS Early Career and Student members will receive free food and drinks tickets and have access to all the fun and games in Game On! The bar has over 50 high-definition big screen TVs for sports, which will of course be showing Monday Night Football and the National League Division Series Baseball Playoffs that night. You will have access to the bar games like pool, darts, and shuffleboard, as well as a full bar

with nine beers on draft. Also present will be members of the SAS Executive Committee. After your tickets run out, they might even be persuaded to buy a round. We will also have a few fun events with prizes lined up too!

SAS STUDENT & EARLY CAREER EVENT



GAME ON! SPORTS BAR

Nugget Casino & Resort



October 9th, 8:00 PM-12:00 AM

MENU
Full Bar
9 Draft
Beers

**Free Food • Free Ticketed • 50 TVs • Bar Games • Networking
Drinks**

STUDENT & EARLY CAREER MEMBERS ONLY

● **NOT A MEMBER? JOIN TODAY** ●

<https://www.s-a-s.org/index.html>

SCIX 2023



*Society for
Applied Spectroscopy*

AWARDS CEREMONY

and

WINE & CHEESE

RECEPTION

TUESDAY, OCTOBER 10, 2023

NUGGET CASINO RESORT

AWARDS CEREMONY

7:30 PM SIERRA 5 ROOM

WINE & CHEESE RECEPTION

8:30 PM SIERRA 1 ROOM

TICKETS MUST BE PRESENTED FOR
ADMISSION AS THIS IS A MEMBERS
ONLY EVENT.



PICK UP YOUR TICKET AT
BOOTH #110 AT THE
SCI X EXHIBIT

Early Career Interest Group's Sponsored Session at SciX

The Early Career Interest Group (ECIG) has organized a special session for SciX called "Showcasing Career Paths in the Spectroscopic Sciences". This session is co-chaired by ECIG committee members Sam Mabbott and Fay Nicholson, and it takes place on Monday, 9 October, from 1:30–3:30 PM in the Sierra 2 room. If you are early in your career or are curious about life as an early career scientist, please check out this session! The session's abstract is provided below.

There isn't one single "early career experience" in spectroscopy and analytical chemistry—different paths involve very different opportunities and challenges. The SAS ECIG have gathered together early career scientists from academic, industry, and government labs to present their research, celebrate their career journey, showcase what it's like to work in their chosen field, and discuss how they navigate the challenges along their career pathway. Four talks will be followed by a panel discussion where attendees will be able to pose questions to any of the speakers.

SAS Early Career Interest Group

Celebrating 27 Years of Dedication To SAS

I went digging in the SAS Newsletter archives, back when it was called "The SAS Spectrum", to find some interesting tidbits to share about current SAS Executive Director Bonnie Saylor as we say thank you and good-bye to the woman who has kept the Society running for 27 years.

Bonnie joined us in quite a turbulent time, as the first steps were being taken to split administration of our annual meeting FACSS from administration of the Society in the spring of 1996. Nancy Miller-Ihli was President, Kathy Kalasinsky was President-Elect, Dave Coleman was Past-President. Marvin Margoshes was Treasurer, John Koropchak was Secretary, Rina Dukor was Parliamentarian, Jim Holcombe was Editor-in-Chief, Jim de Haseth and Dave Styris were Membership Education Coordinators, and Mike Epstein was the newsletter editor. Victor Hutcherson was also hired at the same time to help with databases, computer software, and hardware. He always said that he was also around to provide a strong back! They joined Barbara Stull who, by that time, had been in the SAS office for more than 12 years. As a side note, we named our Graduate Student Award to honor that wonderful woman. Bonnie came to us with a bachelor's degree in both Broadcast Journalism and Sociology and a Master's in Public Administration (MPA) after working for the American Association of Colleges of Osteopathic Medicine.

Her first order of business was publishing our Membership Directory, increasing our membership rolls, and bringing the Society coffers into the positive. SAS had 2748 members at that time and only 215 of them were retirees! For the first year, SAS was also the national office for FACSS, so she inherited the preparing and running the annual meeting. So much has happened over the years—we grew internationally, added technical and student sections, changed our governance structure, implemented a certification program, added a new journal, and so much more. Bonnie has stayed on top of countless volunteers, all of whom have had different objectives and personalities. She has provided critical input and insight to guide the Society from both a historical and forward-thinking perspective. She handled the finances, reporting, database management, meeting organization, and everything in-between. Bonnie's main focus has always been our members and affiliates. She developed deep and long-standing relationships with members, vendors, and sponsors over her 27 years of service. To help us out as we transition to a new management company, she created extensive Excel spreadsheets of what she does and when she does it. You should see that many-tabbed piece of art! No wonder everything worked like clockwork for years and years. I, for one, will miss her in the booth at SciX and Pittcon, as well as all the wonderful EC and Governing Board meetings.

For those of you who know Bonnie well, you know she is not one for the spotlight, so we will be really nice to her, and we will NOT be making a big presentation at her last Wine and Cheese event at SciX (at least not officially). We will give her gifts, of course, on the sly. But if you would like to honor Bonnie's time with SAS ... here's what would make her very happy.

Consider giving a gift in her honor to Bill Cunningham's [GoFundMe](#). Bill, SAS's long-time advertising manager, has a long rehab journey ahead of him after falling suddenly and critically ill last Fall. Bless him ... and bless Bonnie too! Bonnie's last day with SAS will be 31 December 2023, so feel free to still call or email her for anything you need and, if you will be at SciX, be sure to stop by the SAS booth to say hi!

Contributed by Gloria Story, 2023 SAS President-Elect, Rina Dukor, and Diane Parry Ashley



Start Planning for the International Day of Light 2024!

In 2023, the Cincinnati TriState section hosted a very successful day of demos at the Cincinnati Museum Center for the International Day of Light. In each demo we aim to tie the fun back to applied spectroscopy and real-

world questions. To help you plan your own great event, over the next several months, we will share our demos with you.

First up: Coffee Filter Chromatography! Show kids and adults alike how with water and markers, you can separate a single color into many! Here a coffee filter works like a column, and your eyes are the spectrometer detecting the separation of individual dyes!

Cincinnati TriState Section, Society for Applied Spectroscopy

How do we make different color markers?

What determines the color?

Let's Explore!

Coffee Filter Chromatography

Chromatography is a scientific technique that allows us to separate different molecules—in this case different dyes used to make markers. Because some molecules get “stuck” on the surface of the paper for some time, they travel via *capillary action* at different speeds!

Supplies:

Coffee Filters cut into rectangles

Washable or wet erase markers

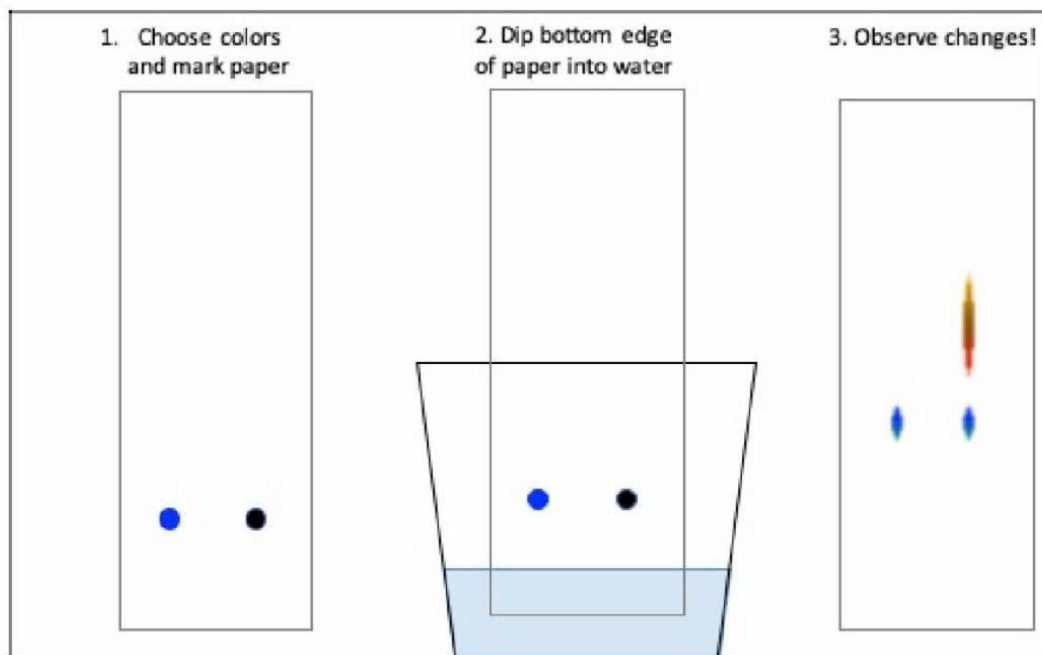
Small cup

Paper towels for clean up

Water

Form a Hypothesis. What do you expect to happen when the paper is dipped in the water? How many colors do you think need to be mixed to make the marker you chose?

Do it!



Follow up questions: How many colors do you see? Which color moved the slowest up the paper? Which color moved the fastest? What other observations did you make?



Eastern Analytical Symposium and Exposition (EAS)

The Eastern Analytical Symposium and Exposition (EAS) is held annually to showcase leading edge research and development in analytical chemistry and its allied sciences through the presentation of lectures, workshops, and short courses. An Exposition featuring the latest innovations in laboratory instrumentation and supplies related to these sciences is held concurrently with the symposium.

The 2023 Eastern Analytical Symposium is set for 13–15 November. Our EAS theme this year is "Better Life with Analytical Chemistry". The technology available to today's scientists continues to become more and more powerful. Whether you're a student, instructor, or a science professional working in the industry, EAS is an excellent venue to learn about new technologies. If you're an Analytical Chemist, EAS provides multiple opportunities to hone your skills by attending a Short Course, Workshop, Technical Presentation, Seminar, or Poster Session.

We are offering 30 Short Courses this year on a diverse array of analytical techniques and topics. There will also be several offerings geared toward students, including career development workshops, employment bureau, and student seminars. In addition to Exhibitors showcasing state-of-the-art instrumentation and technology, 2023 Exhibitor offerings will include a technology tour, Monday night Keynote Reception, Tuesday night Exposition Mixer, and demonstration rooms hosted by Waters Corporation and Agilent Technologies. We are grateful to ALL our sponsors, and particularly thank our current Silver level sponsor—S—Matix and Waters, and our Bronze level sponsor—Bruker.

Each year, EAS honors Analytical Chemists who have distinguished career achievements. The recipients of these awards advanced these fields by superior work in developing theory, techniques, or instrumentation. This year, six scientists will be presented awards for outstanding achievements in their areas of endeavor including Professor Robert Kennedy (University of Michigan—Fields of Analytical Chemistry), Professor James Prestegard (University of Georgia—Magnetic Resonance), Professor John Kalivas (Idaho State University—Chemometrics), Professor Mary Wirth (Purdue University—Separation Science), Professor John McLean (Vanderbilt University—Mass Spectrometry), and Professor Emanuela Gionfriddo (University of Toledo—Young Investigator Award). The NY/NJ Society for Applied Spectroscopy will honor Dr. Curtis Marcott, Light Light Solutions, with their Gold Medal Award. Come hear the presentations at these award sessions. Our eight Student Awardees will present posters on their cutting-edge research.

EAS offers a diverse array of topics within the analytical sciences. There is something for everyone, and all within a friendly and convivial symposium. Visit our website for complete information and to register: www.EAS.org. Like us on LinkedIn, follow us on Facebook and Instagram. And most of all, be sure to join us at the Crowne Plaza Princeton Conference Center, Plainsboro, NJ, in November to discover how Life is Better with Analytical Chemistry.

Frank Romano
President, 2023
Eastern Analytical Symposium and Exposition

Our Monday Keynote Speaker, Dr. Vasilis Vasiliou, will speak on Exosome and Human Disease: From Neurological Disorders to Diabetes and Cancer. Dr. Vasiliou is the Susan Dwight Bliss Professor of Epidemiology and the Chair of Environmental Health Sciences at the Yale School of Public Health. He is also a professor at the Yale School of the Environment and the Yale School of Medicine. Dr. Vasiliou's laboratory utilizes a state-of-the-art integrated system approach that includes metabolomics, exposomics, imaging mass spectrometry, deep-learning, and human cohorts to research disease.

A very popular event is our Tuesday Breakfast Lecture. This year the speaker will be Dr. Frank Nichols, DDS, PhD, a Professor of Periodontology at UConn Health. He will be presenting his lifelong work on bacterial lipids

and his use of UHPLC-QTOF and other analytical tools to assess their role in human health and their link to various diseases.

The 2023 Plenary Lecture will be presented on Wednesday by Dr. Sibrina Collins. Dr. Collins will speak on Inclusive Stories in Chemistry: Celebrating Dr. Marie Maynard Daly. Dr. Collins was recently appointed as Executive Director of STEM Education for the College of Arts and Sciences (CoAS) at Lawrence Tech. Her research efforts include inorganic chemistry, chemical education, history of chemistry, and addressing inclusion and equity in the STEM fields.

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 konnorkjones@gmail.com.

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