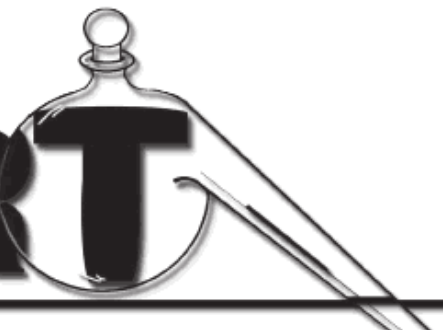




RETORT



March 2021

Newsletter of the Eastern Analytical Symposium & Exposition

CURIOSITY,
CHEMISTRY, &
PERSEVERANCE



2021 Eastern Analytical
Symposium & Exposition

**CELEBRATING
60 YEARS OF EAS**

Crowne Plaza Princeton
Conference Center
Plainsboro, NJ
November 15-17, 2021



As we turn to 2021 with high hopes and expectations, plans are well underway for the 60th Diamond Jubilee Anniversary of the Eastern Analytical Symposium! We celebrate not only our 60th anniversary this year, but the determination and convictions that have brought us to this point. Our theme, “*Curiosity, Chemistry, and Perseverance*”, is a tribute to the science of both the *Curiosity* and *Perseverance* Mars Rovers and reflective of the human desire for truth and knowledge through science despite recent challenges. We sincerely hope that you will mark your calendars and join us this November 15-17th in Princeton, NJ.

Come and hear the latest discoveries in the search for life on the Red Planet as our keynote speaker, Dr. Roger Wiens of Los Alamos National Laboratory, details the extensive analytical technologies being utilized by the *Perseverance*, including the SuperCam instrument for which he is the principal investigator. Located on the head of the Rover, SuperCam uses different laser techniques, including LIBS and remote Raman, to capture the color spectrum, mineral structure and atomic composition of rocks and soil on Mars. Dr. Wiens is also co-investigator of *Perseverance*'s SHERLOC instrument, positioned on the Rover's arm, that is looking for evidence of past life on Mars. Find out if Martians could really have existed!

As part of EAS's 60th Anniversary, a series of retrospective lectures covering the major analytical disciplines will be presented by leading experts in their field. A preliminary list of the technical sessions and short courses are can be found in this issue of *The Retort*. Stay tuned for updates as our offerings continue to grow. Also included in the following pages are details on the prestigious 2021 Award winners, see page 5. We will continue with our successful e-poster format, so if you have new information or research please consider submitting an abstract! Our call for papers is now open at eas.org/asubmit.

We will also feature our popular “Technical Powerhouse” sessions - in addition to hearing about the most recent developments in Covid-19 vaccine development, Space Science analysis and Cannabis testing, you will have the unique opportunity to engage in round table discussions with those experts as well as fellow conferees.

Have you missed walking an Exposition floor? I know I have! Don't worry, our Exposition will again feature companies displaying their state-of-the-art technology and products. Join the Technology Tour and win exciting prizes by visiting participating exhibitors (Hint: think Diamond Anniversary!) Browse all of the Exposition to learn about the newest analytical tools that may help you with practical solutions to your own workplace challenges.

Please check our website, eas.org, to learn about updates and the ongoing activities of our Symposium, including new sponsors, available exposition space, on-line and in-person short courses, abstract submission dates, registration information, and much more. Follow us on Instagram, Twitter and LinkedIn. And **MOST IMPORTANTLY**, please plan to join us in Princeton, NJ this November as we celebrate what 60 years of curiosity, chemistry and perseverance has imparted to us all!

Sue Evans Norris
EAS 2021 President



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2021 EAS Invited Technical Sessions

Note: This is a preliminary list of sessions. Contributed oral and poster sessions will be announced at a later date.

We invite you to plan to join us at the EAS 2021! This is also an invitation to contribute a paper to EAS in your own analytical subject area for review and acceptance. Complementary papers to the topics mentioned below are especially welcome but we encourage all areas of analytical chemistry. Visit our website for more information about our **Call For Papers** from **March 3 - May 3** for **oral** abstracts and **March 3 - September 3** for **poster** abstracts at www.EAS.org/asubmit

AWARD SESSIONS

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN THE FIELDS OF ANALYTICAL CHEMISTRY

Honoring **Kenneth Suslick,**

University of Illinois, Urbana-Champaign

Chair: Jonathan Sweedler, University of Illinois, Urbana-Champaign

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN SEPARATION SCIENCE

Honoring **Mary Ellen McNally, FMC Corporation**

Chair: Tom Brettell, Cedar Crest College

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN MASS SPECTROMETRY

Honoring **Joseph Loo, University of CA, Los Angeles**

Chair: Ying Ge, University of Wisconsin

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN CHEMOMETRICS

Honoring **L. Scott Ramos, Infometrix, Inc.**

Chair: Peter Wentzell,

EAS YOUNG INVESTIGATOR AWARD

Honoring **Jacob Shelley, Rensselaer Polytechnic
Institute**

Chair: Gary Hieftje, Indiana University

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN MAGNETIC RESONANCE

Honoring **Songi Han, University of CA, Santa Barbara**

Chair: Alexej Jerschow, New York University

NEW YORK MICROSCOPICAL SOCIETY ERNST ABBE AWARD

Honoring: **Manu Prakash, Stanford University**

Chairs: John Reffner, John Jay College,
Brooke Kammrath, University of New Haven

NY/NJ SECTION OF THE SOCIETY OF APPLIED SPECTROSCOPY GOLD MEDAL AWARD

Honoring: *To be announced*

Chair: Dana Garcia, Arkema

AMERICAN MICROCHEMICAL SOCIETY BENEDETTI PICHLER AWARD

Honoring: *To be announced*

Chair: Robert Vetrecin

60th ANNIVERSARY OF EAS

- **Special Lecture:** Jubilee Anniversary of EAS: A Look Back Over 60 Great Years
Chair: Sue Evans Norris, 2021 EAS President
- 60 Years of Spectroscopic Innovation: IR, NIR, Raman and Atomic
Chair: David Scheiring, Red Wave Tech.
- 60 Years of Analytical Innovation: GC, LC, MS and NMR
Chair: Cecil Dybowski, University of Delaware

CHROMATOGRAPHY

- Improving Efficiency in Separation Technology
Chair: Mary Ellen McNally, FMC Corporation
- Practical LC in a Regulatory Environment
Chair: Erin Ennis, FMC Corporation
- Novel Surface Chemistry to Solve Analytical Challenges Related to COVID-19
Chair: Fabrice Gritti, Waters Corp.
- Innovative Approaches to Liquid Chromatography in Drug Development
Chair: Yi He, John Jay College

CULTURAL HERITAGE

- Analysis for Evaluating Heritage Authenticity
- Analysis for Evaluating Heritage Condition
Chair: John Scott, New York Conservation Foundation

FORENSIC ANALYSIS

- The Research from our Emerging Forensic Scientists
Chair: Monica Joshi, West Chester University of PA
- To be announced
Chair: Tom Brettell, Cedar Crest College

ENVIRONMENTAL ANALYSIS

- Emerging Environmental Contaminants
Chair: Satinder Ahuja, Ahuja Consulting
- Environmental Effects of Disasters: What Else Could Go Wrong?
Chair: Shelby Coleman, Syracuse University

LABORATORY MANAGEMENT

- Managing your Laboratory through the Pandemic
Chair: Dennis Swijter, ALMA

MASS SPECTROMETRY

- Characterization of Adulterated and Counterfeit Dietary Supplements by HRMS
Chair: Gene Hall, Rutgers University
- Applications of Mass Spectrometry for the Analysis of New Modalities
Chair: Long Yuan, Bristol-Myers Squibb

2021 EAS Invited Technical Sessions *cont.*

MULTIDISCIPLINARY SCIENCES

- 3D Printing and Analytical Chemistry
Chair: Brooke Kammrath, University of New Haven
- Chemometric Applications; A Subset of Machine Learning
Chair: Brandy Smith Goettler, Merck & Co.

NMR SPECTROSCOPY

- NMR as a Versatile and Adaptive Tool in Pharmaceutical Characterizations of Chemical Modalities and Biologics
Chairs: Yongchao Su, Merck & Co., Kang Chen, USFDA

PHARMACEUTICAL ANALYSIS

- Pharmaceutical Analytical Solutions to Meet Patient Needs in a Pandemic
Chair: Kim Huynh-Ba, Pharmalytik Consulting

POWERHOUSE PANEL DISCUSSIONS

- ◆ Space Atmospheric, Analysis
Chair: David Day, Sciaps
- ◆ Advances in Vaccine Development to Fight Against a Global Pandemic
Chair: Zhucheng (Susan) Yang, Merck & Co.
- ◆ Cannabis Testing: Challenges in Developing Applications for Product Analysis, Quality Control and Development
Chair: Anthony Provas, University of Connecticut

SPECTROSCOPY

- Handheld Spectrometers I: Safety in Food and Pharmaceuticals
Chair: Suzanne Schreyer, Rigaku Analytical Devices
- Handheld Spectrometers II: Safety Cultural Heritage, XRF and LIBS
Chairs: Suzanne Schreyer, Rigaku Analytical Devices, Richard Crocombe, Crocombe Spectroscopic Consulting
- Applications of Atomic Spectroscopy: From ICP to XRF and Everything in Between
Chair: Lydia Breckenridge, Bristol-Myers Squibb
- Vibrational Imaging in Medical Application
Chair: Fay Nicolson, Dana Farber
- PAT in the Biopharmaceutical industry
Chair: Edita Botonjic
- PAT: Continuous and Flow Chemistry Analysis
Chairs: James Ryzdak, Specere Consulting, Savitha Panikar, Hovione

KEYNOTE LECTURE

**Exploring Mars with *Curiosity* and *Perseverance*
Monday, November 15
Dr. Roger Wiens, Los Alamos National Laboratory**



Our keynote speaker, Dr. Roger Wiens, Los Alamos National Laboratory, has agreed to speak on Mars Rover *Perseverance* Chemical Imaging with SUPERCAM Probe.

Dr. Wiens started his scientific career by writing the first dissertation on the Mars atmosphere based on samples analyzed in the laboratory, from martian meteorites. He has worked as a scientist at Caltech, the University of California, and Los Alamos National Laboratory, and has made extended research visits to NASA's Johnson Space Center, Jet Propulsion Laboratory, the University of Bern, Switzerland, and Paul Sabatier University in Toulouse, France.

[Click here to read more about Dr. Wiens' work on the Mars Rover.](#)

Preliminary List of Short Courses

EAS short courses, taught by experts, are designed to help the practicing analyst develop new skills and enhance knowledge. Whether you want to learn of a new analytical technology, understand new regulations, explore a new analytical field, or just brush up a new concept in your area of expertise, there is a course for you. We will also be offering **online courses** this spring! Stay tuned for more details!

Matthew Wood, 2021 Short Course Chair

Course descriptions are posted on our website; [click on course title](#) to link to the description.

TWO-DAY COURSES	INSTRUCTORS
Cannabis Lab Essentials: Understanding the Cannabis Landscape and the Critical Process of Test Method Development and Validation (NEW)	Susan Audino, S.A. Audino & Associates
Practical Gas Chromatography (NEW)	Tom Brettell, Cedar Crest College
Basic Mass Spectrometry (NEW)	Athula Attygalle, Stevens Institute of Technology
Chemometrics without Equation Part 1 & 2 (NEW)	Donald Dahlberg, Lebanon Valley College Neal Gallagher, Eigenvector Research
HPLC & UHPLC Part 1 &/or Part 2: Fundamentals & Best Practices in Method Development and Operation/Troubleshooting	Michael W. Dong, MWD Consulting
Practical LC/MS Method Development and Sample Preparation	Perry Wang, LC-MS Technical Expert
ONE-DAY COURSES	INSTRUCTORS
Intellectual Property Fundamentals for Scientists (NEW)	Matthew Klee, XO Associates LLC
Communicating Analytical Results in the Pharmaceutical Labs and Understand Human Errors in Maintaining Data Integrity (NEW)	Kim Huynh-Ba, Pharmalytik Consulting
Safety in the Laboratory (NEW)	James Kaufman, The Lab Safety Institute
Uniting Analytical Technologies – TGA-IR-GCMS, LC-ICP-MS (NEW)	Bill Hahn, PerkinElmer Brady Frill, PerkinElmer
History, Environmental Issues, and Characterization of Microplastics (NEW)	Ashok Deshpande, NOAA
Atomic Spectroscopy in the Pharmaceutical Laboratory (NEW)	Lydia Breckenridge, Bristol-Myers Squibb Sharla Wood, Bristol-Myers Squibb
Sample Processing, Preparation, and Analysis the QuEChERSER Way (NEW)	Steven J. Lehotay, USDA
R Programming for Analytical Chemistry (NEW)	David Gosser, City College of New York
Analytical Sampling and Sample Preparation for Chromatography (NEW)	Douglas Raynie, SD State University
Practical Reversed Phase LC – What to do when C18 Does or Doesn't Work	Merlin Bicking, ACCTA, Inc.
Systematic Chromatography Troubleshooting	Merlin Bicking, ACCTA, Inc. Douglas Raynie, SD State University
Protein Therapeutics Immunogenicity	Robert Dodge, Novartis
Portable Spectroscopy, <i>provided in collaboration with SAS</i>	Richard Crocombe, Crocombe Spectroscopic Consulting Pauline Leary, Federal Resources
How to Develop Validated HPLC Methods: Rational Design with Practical Statistics and Troubleshooting	Brian Bidlingmeyer, Analytical Acumen Inc. Stanley Deming, Statistical Designs
Problems with FT-IR Spectra and How to Avoid Them, <i>provided in collaboration with SAS</i>	Ellen Miseo, TeakOrigin Jenni Briggs, Peak Technologies
HPTLC - The Other High-Performance Chromatography: Parameters, Applications, Method Development and Troubleshooting	Eike Reich, HPTLC Association Wilmer Perera, CAMAG Scientific
Characterization of Biologics by Capillary Electrophoresis, Liquid Chromatography, and Mass Spectrometry	Li Tao, Bristol-Myers Squibb Ming Zeng, Bristol-Myers Squibb
Practical Bioanalytical Method Validation	Perry Wang, LC-MS Technical Expert
Lifecycle Approach to Analytical Methods for Drug Products, Incorporating QbD Concepts	Gregory Martin, Complectors Consulting
PAT: Out of the Lab and into the Line, <i>provided in collaboration with SAS</i>	James Rydzak, Specere Consulting
Quality-by-Design (QbD) Fundamentals for Analytical Chemists	Zenaida Otero Gephardt, Otero Associates
Getting the most from GC and GC/MS	Gregory Slack, Boston Analytical Nicholas Snow, Seton Hall University
Headspace-Gas Chromatography Fundamentals, Method Development and Method Transfer	Matthew Klee, XO Associates LLC
GC/MS Fundamentals for Operators	Matthew Klee, XO Associates LLC
Intact and Top-Down Protein Characterization and Quantitation by Mass Spectrometry: Approaches for Pharmaceutical Drug Discovery, Development, and Bioanalysis	John Kellie, GlaxoSmithKline
An Introduction to High Resolution Mass Spectrometry for Qualitative and Quantitative Analysis	Matthew Blatnik, Pfizer Graham West, Pfizer
Supercritical Fluid Chromatography: A Powerful and Greener Tool for Analytical and Preparative Separations	Yingru Zhang, Bristol-Myers Squibb Mike Hicks, Merck & Co.

EAS Awards Program

Wenying Jian, 2021 EAS Awards Chair

Each year the Eastern Analytical Symposium 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 scientists in six areas of endeavor, will be presented awards.



Professor Kenneth Suslick
University of Illinois
EAS Award for Outstanding Achievements in the Fields of Analytical Chemistry



Professor Songi Han
University of California-Santa Barbara
EAS Award for Outstanding Achievements in Magnetic Resonance



Dr. Mary Ellen McNally
FMC Corporation
EAS Award for Outstanding Achievements in Separation Science



Dr. L. Scott Ramos
Infometrix, Inc.
EAS Award for Outstanding Achievements in Chemometrics



Professor Joseph Loo
University of California-Los Angeles
EAS Award for Outstanding Achievements in Mass Spectroscopy



Professor Jacob Shelley
Rensselaer Polytechnic Institute
EAS Young Investigator Award

These other awards will be presented at the Annual Symposium in November under the auspices of the EAS Sponsoring Organizations



Professor Manu Prakash
Stanford University
New York Microscopical Society Ernst Abbe Award

To be announced

NY/NJ Section of the Society for Applied Spectroscopy Gold Medal Award

To be announced

American Microchemical Society Benedetti Pichler Award

EAS Awards are selected by independent juries of experts in these respective fields from nominations received by the Award Committee from the scientific community at large. Each award consists of an honorarium, travel expenses to EAS, a plaque, and the opportunity for the Awardee to present their work at EAS at an Award Symposium in their honor. Visit our website for full biographies of Awardees. Persons wishing to make a nomination for any of the awards given by EAS should send complete documentation of the candidate (content of the nomination package detailed on the EAS website) electronically to: awards@eas.org. The deadline for all 2022 award nominations is September 1, 2021.

2021 EAS Undergraduate Student Award Nominations

The Eastern Analytical Symposium and Exhibition annually offers awards to recognize and encourage scientific promise and research talent in several under-graduate chemistry students. Each college may nominate one student who will be a senior in November of 2021. Nominate one of your students!

Winners will receive an all-expense paid trip to the EAS, be presented with plaques at an award luncheon, and have an opportunity to present their research project in a poster session. In addition, they will be able to participate in all the usual activities of a world-class scientific convention and meet distinguished members of their future profession. Professors who nominate the winners will receive free full-conferee registration for the EAS. Full information on the EAS technical program and exposition can be found at www.eas.org.

The awardees will be students who are already involved in research, in the broad field of analytical chemistry. Nominations should be in the form of a letter including the following:

Your appraisal of how the student handles research, deals with problems, and gets involved in the research process.

Student's postal and e-mail addresses for both the current spring semester and the summer. Nominations are due by **April 30, 2021** and should be submitted by e-mail to student.awards@eas.org

2021 EAS Graduate Student Research Awards

EAS will again be offering an award to graduate students to encourage and reward students who show outstanding talent for scientific research. This award will be open to graduate students who have been significantly involved in a research project at the graduate level for approximately a year or more, and who will not have graduated by the 2021 Fall semester. Nominate one of your students!

Winners will receive an all-expense paid trip to the EAS, be presented with plaques at an award luncheon, and have an opportunity to present their research project in a poster session. In addition, they will be able to participate in all the usual activities of a world-class scientific convention and meet distinguished members of their future profession. Professors who nominate the winners will receive free full-conferee registration for the EAS. Full information on the EAS technical program and exposition can be found at www.eas.org.

Students working on novel analytical methods or interesting new applications for analytical techniques will be considered. Nominations should include a synopsis of the research project, written by the student. This should include results obtained so far, as well as plans for future work. The synopsis should not exceed three typed pages. In addition, the nominating professor should provide a letter appraising the manner in which the student handles their project, dealing with all the aspects of research: obtaining background information, planning and carrying out experiments, approaching problems, and working with colleagues. Finally, it should include the student's postal and e-mail addresses for both the current semester and the summer.

Nominations are due by **April 30, 2021** and should be submitted by e-mail to grad.awards@eas.org

Questions: Contact Dr. Barbara Kebbekus at this e-address, or by phone at 732-502-0905.

Sincerely,

Barbara Kebbekus
Student Awards Committee



2021 EAS Workshops

EAS is committed to your professional development, as well as the enhancement of knowledge. Our workshops include topics to help develop your professional skills, as well as to hone other skills critical for career success. These workshops will provide insight into the best techniques for presenting your background and relevant experience using both social media and traditional resume formats. Skills such as these are essential today, and EAS is the place to begin or continue developing them. We offer different workshops each day, which are free to all registered attendees. Workshop descriptions and registration details will be posted on the EAS website in early June -stay tuned!

Employment Bureau

An Employment Bureau is available to provide ample opportunity for employees to meet prospective employers. The Employment Bureau is free to all registered attendees.

The Employment Bureau will operate from 9:00am until 4:00pm on Monday and Tuesday. On Wednesday, the hours will be 9:00am to 1:00pm. Job postings will be available for applicant review beginning at 11:00am on Monday morning. Interviews will not be scheduled until after 12:00pm on Monday. Job postings are continually updated during EAS and applicants are encouraged to visit the Job Posting bulletin boards on a regular basis.

Back by Popular Demand!

- ◆ All resumes can be submitted and sent via email once you have registered for the conference! Resumes must be submitted in a SEARCHABLE PDF file format. This is to make it easier and faster for employers to find prospective applicants.
- ◆ Employers will be given access to EAS's secure portal to search and review resumes on-line.

Justin Pennington
Employment & Workshop Chair

2021 Student Seminars

The Eastern Analytical Symposium has an Outreach Program for high school chemistry teachers, collegiate undergraduates, as well as high school students.

On Sunday, November 14th, EAS will hold a **Free** professional development seminar offered exclusively for high school teachers.

EAS will also offer one Outreach Seminar each day, Monday, November 15 and Tuesday, November 16 for college undergraduate students and high school students. Each seminar will have recognized leaders from academia and industry presenting perspectives on careers in chemistry and fields of interest.

Registration for the Outreach Seminars is required to reserve a space. High school students attending with their teacher may register for a Seminar for free; the EAS registration fee, valid for all three days for college students is \$30 and it includes all the seminars. Information on course descriptions and schedules will be posted on our website as soon as they are finalized. Registration will open in early July.

Please contact Eastern Analytical Symposium at askeas@eas.org or visit our website at www.EAS.org for more information.

Brandy Young
Seminar Chair

Explore Analytical Science With These Exhibitors at the 2021 EAS

Last updated March 3, 2021

GFS Chemicals

JEOL USA

Molnar Inst for Applied Chromatog.

MicroSolv

Shimadzu Scientific Instruments

Advion

Waters Corporation

Rudolph Research Analytical

S-Matrix

Distek

Martel Instruments LLC

MilliporeSigma

Metrohm USA

JASCO

GERSTEL, Inc.

Thermo Fisher Scientific

Restek

CEM Corporation

Mac-Mod Analytical

Sannova Analytical Inc.

Agilent Technologies

USP

TA Instruments

Wiley

Chiral Technologies, Inc./DAICEL

PerkinElmer

EAS is currently accepting applications for booth and tabletop exhibits for the 2021 Symposium at the Crowne Plaza Princeton Conference Center in Plainsboro, N.J on November 15-17th.

EAS will celebrate the 60th anniversary of the Symposium. The theme for this year is "Curiosity, Chemistry & Perseverance", a tribute to the science of both the Curiosity and Perseverance Mars Rovers and reflecting the human desire for truth and knowledge through science despite recent challenges. Our technical program will highlight visual and chemical imaging, elemental analysis with X-ray detection and Raman spectroscopy as they are being utilized by the Perseverance Rover during its exploration of the Mars surface.

Please consider joining us this year for our Diamond Anniversary! If you cannot attend in person in November, we also offer several different sponsorship opportunities to allow you to stay connected with attendees. If you are interested in exhibiting or have any questions please contact Janine Kishbaugh at exposition@eas.org.

CURIOSITY, CHEMISTRY, & PERSEVERANCE

2021 Eastern Analytical
Symposium & Exposition

**CELEBRATING
60 YEARS OF EAS**



**SUBMIT
YOUR WORK!**

Poster and oral presentation
submission opens March 1, 2021

**EAS invites YOU to be a part of the Technical Program in Nov.
Contribute a paper for oral or poster consideration via our website:
www.eas.org/asubmit**

Sample Areas of Interest

- Bioanalysis • Cannabinoid Analysis • Capillary Electrophoresis • Chemometrics • Conservation Science • Counterfeit Analysis • Environmental Analysis • Food Analysis • Forensic Analysis • Gas Chromatography • Liquid Chromatography • Immunochemistry • Industrial Hygiene • IR/NIR/Raman Spectroscopy • Laboratory Automation • Laboratory Management • Mass Spectrometry • NMR Spectroscopy • Pharmaceutical Analysis • Process Analytical Science • Proteomics & Metabolomics
- Quality by Design • Regulatory/Compliance • Robotics • Sample Preparation • Science Education
- Sensors • Separation Sciences • SFC & SEC • Surface Science • Vibrational Spectroscopy

The Governing Board of EAS would like to thank the following sponsors for their support in 2020

2020 Plenary Lecture Sponsor

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ALMA
Chinese American Chromatography Association
Chromatography Forum of DE Valley
DE Valley Society for Applied Spectroscopy
NJ Association of Forensic Scientists
New England Society for Applied Spectroscopy
Rigaku Analytical Devices

2020 Special Lecture Sponsor

ACS Reagent Chemicals

Sponsors of the 2020 Awards Program

ACCTA, Inc.
American Microchemical Society
Bristol-Myers Squibb
Bruker BioSpin
DuPont
Merck & Co.
New Era Enterprises
Thermo Fisher Scientific

Corporate Sponsors actively participate in the Eastern Analytical Symposium and Exposition. There are numerous opportunities for Corporate Sponsorship of technical sessions, awards, and other activities at the 2021 EAS as well as advertising opportunities in our Final Program. For information, please contact the EAS Executive Secretary at askeas@eas.org

2021 EAS

November 15-17, 2021

Plainsboro, NJ

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Student Awards: Barbara Kebbekus

EXPOSITION DIRECTOR

Janine Kishbaugh at exposition@eas.org

EXECUTIVE SECRETARY

Bernadette Taylor at askeas@eas.org

IMPORTANT DATES

March 1	Abstract submission opens for contributed oral and poster abstracts
May 3	Abstract submission deadline for contributed oral abstracts
June 15	Presenters of invited presentations are contacted by email with session schedules & instructions for the submission of final abstracts
July 1	Presenters of contributed oral presentations are contacted by email with session schedules and presentation guidelines
July 15	Registration opens
July 31	Deadline for receipt of final abstracts for invited presentations
Aug. 1	Preliminary Program posted on www.EAS.org
Sept. 3	Abstract submission deadline for contributed poster abstracts
Oct. 15	Deadline to register for 2021 EAS at a reduced price
Nov. 15-17	60th Eastern Analytical Symposium & Exposition

How to contact us....

General Information

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