



SERMACS 2019
Savannah Georgia
Oct. 20-23, 2019
Coastal Georgia Local Section of the American Chemical Society
Final Report

EXECUTIVE SUMMARY

The 71st Southeast Regional Meeting of the ACS was held October 20-23, 2019 at the Savannah Riverfront Marriott in Savannah Georgia. This was the third SERMACS hosted by the Coastal Georgia (formerly Coastal Empire) Local Section (1978 and 2001-Savannah).

There were 1715 registered participants who attended oral and poster technical sessions that focused on topics from across the chemical disciplines. In total, 1400 abstracts were accepted by SERMACS 2019. There were 592 invited presentations and 157 contributed oral papers in specially-organized symposia that spread over 7 separate morning or afternoon sessions. 324 posters were presented. Further, undergraduate students contributed 34 oral and 293 poster presentations during the meeting. Oral undergraduate presentations were held within either special undergraduate or general oral sessions.

A variety of special events were held, including one plenary address, an exposition, graduate school fair, awards, WCC and D&I luncheons, student-focused events, a night out at a local brewery, “Just Cocktails” and an NCW Outreach Event. Feedback from attendees through a post conference survey indicates a high level of satisfaction with the meeting and venue.

The meeting and its program sought to fulfill the mission and vision of the Society. The meeting total income was \$351,453. Meeting expenses totaled \$238,013.05. The meeting profit / loss was +\$113,439.95, with SERMACS Inc. distribution of \$22,687.99 (20%) and Coastal Georgia Local Section distribution of \$90,751.96.

LOCAL ORGANIZING COMMITTEE (LOC)

Since it had been 18 years since the section last hosted the meeting, the organizing committee was mostly new. It was composed of past and present members of the local section executive committee as well as new volunteers from the local section.

Will Lynch, General Chair, is the Department Chair of Chemistry and Biochemistry at Georgia Southern University. Dr. Lynch also organized the workshops and senior chemists breakfast. Dr. Lynch was Program Chair for SERMACS 2001. wlynch@georgiasouthern.edu

Brent Feske, Program Chair, is a Professor of Chemistry and Biochemistry and Associate Dean at Georgia Southern University. He was instrumental in putting together the outstanding technical program and recruited many symposia chairs, moderators and organizers for technical, invited and posters sessions. bfeiske@geogiasouthern.edu

Jim LoBue, Exposition Chair, is an Associate Professor of Chemistry and Biochemistry at Georgia Southern University. Dr. LoBue was exposition chair for SERMACS 2001.

Nathaniel Shank, Graduate School Fair, is an Assistant Professor of Chemistry and Biochemistry at Georgia Southern University. Dr. Shank recruited over 40 graduate school participants. nshank@georgiasouthern.edu

Cathy MacGowan, Treasurer and Awards Chair, is an Associate Professor of Chemistry and Biochemistry at Georgia Southern University. Dr. MacGowan was treasurer for SERMACS 2001. cmacgowan@georgiasouthern.edu

Mitch Weiland and Amanda White, Undergraduate Program Chairs, both Dr. White and Dr. Weiland are Associate Professors of Chemistry and Biochemistry at Georgia Southern University. They organized a solid undergraduate program centered mainly on Sunday and Monday of the meeting. alstewart@georgiasouthern.edu & mweiland@georgiasouthern.edu

Sarah Zingales, Public Relations and Communications & WCC Coordinator, is an Associate Professor of Chemistry and Biochemistry at Georgia Southern University (now Associate Professor of Chemistry at the University of St. Joseph). Dr. Zingales designed and maintained our website (SERMACS2019.org), our twitter and Facebook feeds as well as spearheaded communication efforts with Washington DC for this meeting. She also organized WCC programming and WCC Just Cocktails social event. szingales@georgiasouthern.edu

Beverly Briggs-Penland, Volunteer Chair, is an Assistant Professor of Chemistry and Biochemistry at Georgia Southern University. Dr. Penland organized our on-site volunteers for the meeting. bbriggs@georgiasouthern.edu

Lea Padgett, K-12 programming, Senior Lecturer of Chemistry and Biochemistry at Georgia Southern University. Dr. Padgett organized the full-day K-12 workshop at SERMACS 2019. lpadgett@georgiasouthern.edu

Dan Graham, Oakwood Chemicals & **Sabornie Chatterjee**, Rayonier, spearheaded our efforts to solicit sponsorships. dgraham@oakwoodchemical.com & saborniec@gmail.com

Ryan Groom, Lecturer of Chemistry and Biochemistry at Georgia Southern University and **Brandon Quillian**, Associate Professor of Chemistry and Biochemistry at Georgia Southern University, Diversity and Inclusion Co-Chairs. Dr. Groom and Dr. Quillian organized an outstanding 2 day program related to diversity and inclusion in chemistry.
rgroome@georgiasouthern.edu and bquillian@georgiasouthern.edu.

Gary Guillet, Associate Professor of Chemistry at Georgia Southern University, YCC Brewery Event. Dr. Gullet organized the YCC outreach social event at Southbound Brewery on Tuesday night during SERMACS 2019. gguillet@georgiasouthern.edu

Faustina Smith, National Chemistry Week Public Outreach Coordinator, Dr. Smith organized an exceptional outreach event on the opening day of the meeting in collaboration with ACS Staff celebrating National Chemistry Week and Marvelous Metals. fsmith283@comcast.net

Hans Schanz, Associate Professor of Chemistry at Georgia Southern University, Past Chair of the Coastal Georgia Local Section. hschanz@georgiasouthern.edu

Clifford Padgett, Professor of Chemistry at Georgia Southern University, Chair of the Coastal Georgia Local Section. cpadgett@georgiasouthern.edu

Brianne Blevins, ACS Staff, was the SERMACS Regional Meeting Liaison. Brianne's knowledge and assistance were indispensable in the processes of producing requests for proposals (RFPs) from meeting venues and other contracted vendors. She was also an extremely invaluable asset during negotiations with vendors. At the meeting she handled many of the daily operating issues including working the hotel and vendor staff and all on-site registration.

B_levins@acs.org

LOC MEETINGS AND OPERATIONS

The Coastal Georgia Local Section was awarded the 2019 meeting, regular executive committee meetings were held on the Georgia Southern University campus on a monthly basis starting two years out.

Brent Feske attended the Regional Meeting Planning Conference at the In Atlanta Georgia in January 2019. This valuable experience truly got the ball rolling in terms of planning the meeting. Face-to-face meetings were held at GSU with WebEx video conferencing capabilities for those wishing to join at a distance. These meetings were always supplemented by email and phone conversations between Committee members as required.

The Local Organizing Committee worked well together. We lost our original Awards chair midway through the process but Dr. MacGowan agreed to step into this role. Each member of the LOC had her/his assignments and responsibilities but collectively we shared our wisdom and experiences and most decisions were made by the LOC by affirmation.

BUDGET DEVELOPMENT

The budget was developed based on the results of SERMACS 2016 (Columbia), preliminary budget for SERMACS 2017 (Charlotte) and the SERMACS 2018 (Augusta) with the additional factors of updated meeting space, AV, Pipe and Drape and Catering costs. Registration estimates and distributions among registration types were based on historical data provided by the American Chemical Society and 1400 attendees. Various potential income sources and baseline expenses were estimated, and a starting budget and registration fees were established in consultation with Brianne Blevins and the SERM Board. There was intentionality in the budget planning process to provide at least \$500 per half day of invited Symposia (5 outside speakers, non-students) as seed money and match up to \$500 for additional funds raised by the symposium organizer.

SPONSORSHIP

SERMACS 2019 was fortunate to generate meetings sponsorship totaling \$46,050 to support the general meeting as well as the Technical Program. A listing of individual sponsorship levels and benefits can be found in *Appendix A*. Meeting sponsors are also listed in *Appendix B* with their level of support. Generally, meeting sponsors were awarded complimentary registrations, signage at the meeting and recognition in both the mobile app and the meeting website.

PUBLIC RELATIONS

Website: Our website was hosted by squarespace and we used their software package at the suggestion of ACS. Originally we used the Sonora template as our "coming soon" page with the meeting dates and location only. Then we used the Harris template to build the full website. We updated the web on at least a monthly basis at a year out from the meeting, then at least on a weekly basis 6 months out, and on a daily basis for the months leading up to the meeting and twice a day during the meeting.

Facebook: Facebook was used to update potential attendees about the location, deadlines for abstract submission, and registration. Leading up to the meeting, there were weekly symposia highlights posted with the dates, times, locations, and sponsors listed. For the week leading up to the meeting and during the meeting, photos and updates were shared at least daily showing progress of the meeting.

Twitter: Twitter was established with the goal of promoting awareness of the meeting events and to provide networking via the hashtag #SERMACS2019. We scheduled tweets to be sent out each month/week/day leading up to the deadlines for abstracts/registration. Tweets were also posted daily in the month leading up to the meeting, each highlighting the symposia/events that would happen during the meeting and included tags for presenters/sponsors with active Twitter accounts. During the meeting, we retweeted all #SERMACS2019 mentions.

SITE SELECTION

The site selection process was initiated by the General Chair in November 2016, shortly after being awarded the bid to host the meeting. Venues such as the Savannah Convention Center (too expensive) and Hyatt Regency (too small) were considered but ultimately the Savannah

Riverfront Marriott was selected. As fall is high tourist season for Savannah and to ensure a high level of availability, we had to make a decision as to whether or not to go with the traditional Wednesday through Saturday format or go to a Sunday to Wednesday format. The latter was what we agreed upon due to the escalated hotel costs during weekends. It turned out to not have a negative impact on attendance. We estimated 1400 attendees during our planning but the final tally was 1715 registrants. The newly renovated Savannah Riverfront Marriott offered a modern, convenient location.

MARRIOTT CONTRACT

The Savannah Riverfront Marriott contract was negotiated by ACS Staff in consultation with SERMACS 2019 LOC and the ACS Legal Office. The sleeping room rate negotiated was \$189 per night single & double occupancy(rack rate \$279). Parking was negotiated at \$18 per day vs the \$25 normal rate. Complementary rooms were earned for each 45 paid room nights with the hotel providing one complimentary Hospitality Suite. The commitment is listed in the table below:

2019	Th. Oct. 17	F. Oct. 18	Sa. Oct. 19	Su. Oct. 20	M. Oct. 21	T. Oct .22	W. Oct. 23	Th. Oct. 24
Initial Block	1	5	150	225	225	225	30	15
Final Block	1	15	165	251	251	173	24	1
Final Room Reservations	1	13	172	259	259	172	24	1

The meeting space rental was waived in the contract based on 85% room pick-up and Food and Beverage Minimum of \$45,000 exclusive of tax and service charge. The tax and service charge agreements are standard and located in the contract along with standard meal prices.

AUDIO - VISUAL

The AV contract was negotiated with PSAV, a standard ACS vendor for this service, by ACS Staff in consultation with the SERMACS 2019 LOC. The proposed contract for the meeting was negotiated at \$34,749.34 for all the breakout rooms associated with the meeting (17 rooms).

PIPE AND DRAPE SERVICE PLAN

The service contract was negotiated with Blue Chip Expo, a standard Savannah Riverfront vendor for this type of service. The proposed contract for the meeting was negotiated at

\$5121.13 for all pipe/drape/posters and tables associated with the two sites for the graduate school fair, exposition and poster sessions.

REGISTRATION

Registration for SERMACS 2019 was handled via the American Chemical Society and regular reports and updates were received. Total registration in all categories reached 1715 attendees. The standard meeting registration fee for early registration was set at \$180 for members, \$250 for non-members and \$60 for undergraduate ACS members. A friends and family category was added at \$10 for on-site registration. Ticketed Social Events, luncheons and workshops were also included in the registration system. The registration form can be viewed in *Appendix C* and the final registration for all categories can be found at *Appendix D*. Major registrant categories included.

ACS Member:	525
Non-Member:	122
Post-Doc Member:	13
Post-Doc Non-Member:	15
Graduate Student Member:	168
Graduate Student Non-Member:	167
Undergraduate Member:	228
Undergraduate Non-Member:	277
High School:	21
Exhibitor:	70
Friends and Family:	14
Retired Member:	12
50-year Member:	11

TECHNICAL PROGRAM

The technical program featured 1400 total abstracts in both invited and general oral sessions as well as poster sessions. Recruiting for programming began approximately two years ahead of the meeting. This included recruitment for session organizers at both SERMACS 2017 & 2018. Targeted communication to potential session organizers was also sent beginning approximately one and a half years prior to the meeting.

SERMACS 2019 offered session organizers \$500 per half day session of financial support requiring five registered (full registration - not graduate or undergraduate students) speakers per half day. The LOC also offered to match the first \$500 of external support that technical program organizers generated from outside sources. This external support took the form of industry sponsors, division sponsors and local sections sponsors for example.

SERMACS 2019 used the ACS sponsored MAPS system for abstract collection and organization. Session organizers were asked to organize their own sessions and the LOC Technical Program Chair determined individual time slots and locations for the meeting. The meeting also used the mobile app (\$5000 fee for use) offered through the ACS and did not print programs. The website for SERMACS 2019 also contained a list of all abstracts, abbreviated program and speaker list as pdf documents on the website. The appendix contains the following documents related to the technical program: Invited Technical Sessions by Discipline (*Appendix*

E), Season and Meeting Sponsorship Flyer (*Appendix F*), Program Chair Timeline and Tips (*Appendix G*).

SERMACS 2019 Technical Program Outline

Generalized Breakdown of Presentations*

Disciplinary Area	Invited Oral	Poster	General Oral
Analytical	51	32	34
Biochemistry	96	70	10
Chem. & the Law	2	0	0
Colloid	10	0	0
Computational	14	0	0
Diversity & Inclus.	15	0	0
Education	79	79	11
Environmental	44	22	16
History	10	0	0
Inorganic	85	16	45
Organic	83	68	18
Physical	5	27	23
Plenary	1	0	0
Polymer	76	10	0
Small Chem. Bus.	5	0	0
Women's Chem.	16	0	0
Undergraduate	0	293	34
Total	592	617	191

* This is a generalized grouping and is not to imply division or division support.

Themed symposia:

Analytical

- Applications of Mass Spectrometry for Drug Discovery and Precision Medicine - organized by [Jeremiah Tipton](#)
- Ion Mobility-Mass Spectrometry: Adding a New Dimension to -Omics Analysis - organized by [Christopher Chouinard](#)
- Spectroscopic Imaging: Bridging the gap between chemical and spacial heterogeneity - organized by [Ayanjeet Ghosh](#)

Biochemistry

- Advancements in Chemical Biology - organized by [Gavin Williams](#)
- Advancements in Fermentation Chemistry - organized by [Zack Davis](#)
- Advancements in Mechanistic Enzymology - organized by [Justin Miller](#)
- Forensic DNA Analysis and Beyond: Enabled by Biological Chemistry - organized by [Oluseyi Vanderpuye](#)
- Frontiers in Mechanistic Enzymology - organized by [Matthew Thompson](#)
- Frontiers in Nucleic Acid Chemistry - organized by [Dev Arya](#), [Nathaniel Shank](#), and [Fenfei Leng](#)
- Recent Advances in Bioinorganic Chemistry - organized by [Jonathan Caranto](#)

Catalysis

- Advancements in Biocatalysis - organized by [Andreas Bommarius](#)
- Catalysis in Aqueous and Alternative Media - organized by [Hans Shanz](#) and [Kevin Shaughnessy](#)
- Chemical Education: Active Learning Methods - organized by [Susan Verberne-Sutton](#)
- Chemical Education: Creating a Culture of Assessment - organized by [Leah Williams](#)
- Chemistry Education in the Technical College System of Georgia - organized by [Jordan Kiser](#)
- Chemistry Education from Research to Practice - organized by [Sara Lorraine Johnson](#) and [Mary Beth Anzovino](#)
- Cure Chemistry Research in Lab - organized by [Arthur Sikora](#)
- Incorporating Primary Literature into the Curriculum - organized by [Laura Strausberg](#)
- Incorporating Research into the Analytical Curriculum - organized by [Gretchen Potts](#) and [Chris Dockery](#)
- Project SEED - organized by [Ajay Mallia](#) and Douglas Masterson
- Teaching, Creating & Sustaining a Safety Culture - organized by [Mary Beth Koza](#)
- Undergraduate Research Experiences: The Power of Quality Mentorship and Programming - organized by [Karelle Aiken](#)

Community

- Diversity: Experiences & Diversity Initiatives - organized by [Brandon Quillian](#) and [Ryan Groom](#)
- Diversity: Minority Serving Organizations - organized by [Brandon Quillian](#) and [Ryan Groom](#)
- Diversity: Opportunities, Scholarships, Fellowships, & Internships - organized by [Brandon Quillian](#) and [Ryan Groom](#)
- Relating Research to Community - organized by [Karla Sue Marriott](#)
- Senior Chemists Symposium - organized by [Will Lynch](#)

- WCC: Modern issues for women in chemistry - organized by [Sarah Zingales](#)

Computational/Physical

- Advances in connecting structure, dynamics, and functions of macromolecules using computational methods - organized by [Neville Forlemu](#) and [Victor Waingeh](#)
- Astrochemistry in the Southeast and Beyond - organized by [Ryan Fortenberry](#)
- Computational Chemistry Applied to Interesting Problems - organized by [George Shields](#)

Entrepreneurs

- Entrepreneurs Tool Kit - organized by [Joe Sabol](#)

Environmental

- Advancements in Environmental Chemistry - organized by [Vasileios Anagnostopoulos](#)
- Plastics and Microplastics in the Environment - organized by [Jay Brandes](#)
- Understanding Coastal Environments through Toxicological Applications and Tools - organized by [Eric Gato](#)

Geochemistry

- Aquatic Biogeochemistry - organized by [Sarah Gray](#)
- Geochemistry - organized by [Cathy MacGowan](#) and [Donna Mullenax](#)

History of Chemistry

- The past, present, and future of the periodic table - organized by [Dan Rabinovich](#), [Cliff Padgett](#), and [Richard Wallace](#)

Inorganic

- Advances in Phosphorous-Based Ligands - organized by [Benjamin Wicker](#) and [George Stanley](#)
- Coordination Chemistry: Synthesis, Characterization, and Application - organized by [Arpita Saha](#)
- f-Element Chemistry & Separations - organized by [Eric Werner](#) and [Anne Gorden](#)
- Well-Defined Supramolecular Materials - organized by [Natalia Shustova](#)
- X-ray Diffraction in the Southeast - organized by [Will Lynch](#)
- Legal
- Patent Law For Chemists: What You Need To Know - organized by [April Weisbruch](#)

Materials/Physical

- Advancing Infrared Spectroscopic Techniques and Vibrational Sensing - organized by [Lauren Buchanan](#) and [Joshua Caldwell](#)
- Nanophotonics for Chemical Sensing and Modified Chemistry - organized by [Josh Caldwell](#)

Medicinal

- Structure-based Drug Design - organized by [Rachelle Bienstock](#)

Nanoparticles

- New Forms of Carbon: Fullerenes, Metallofullerenes, Nanotubes, and Graphene - organized by [Harry Dorn](#)

- Recent Advances in Green Metal Nanoparticle Synthesis and Applications - organized by [Beverly Penland](#)
- Synthesis & Applications of Novel Nanocatalysts - organized by [Ji Wu](#)

Organic

- Advancements in Microwave Chemistry - organized by [Shanaiz Landge](#)
- Chemical Tools for probing biological functions - organized by [Monika Raj](#)
- Cope Scholar Symposium in honor of Seth Marder: Development of Organic Semiconductor materials - organized by [Shanaiz Landge](#)
- Frontiers in Nucleic Acid Chemistry - organized by [Dev Arya, Nathaniel Shank, and Fenfei Leng](#)
- Heterocyclic Chemistry in the Southeast and Beyond - organized by [Chad Stephens](#) and [Qiu Wang](#)
- Organic Chemistry in Fluorescence Microscopy - organized by [Lei Zhu](#)
- Strategy & Methods for Complex Molecule Synthesis - organized by [Alexander Grenning](#) and [Eric Ferreira](#)

Polymer

- Advances in Polymer Science and Engineering - organized by [Pranav Kalekar](#)
- Bio-based and Bio-Inspired Polymers and Composites - organized by [Rafael Quirino](#)
- Biodegradable Polymers: Recent innovations and Applications - organized by [Pascal Binda](#) and [Hua Zhao](#)
- Frontier Research in Polymer Science - organized by [Erik Berda](#)
- Polymeric materials for the next generation sensing, diagnostics, and therapy - organized by [Colleen Scott](#) and [Davita Watkins](#)
- Polymers at Interfaces - organized by [Lorraine Leon](#) and [Blair Brettman](#)
- Recent Advances in Cellulose, Lignin or Hemicellulose Derived Materials and Chemicals - organized by [Sabornie Chatterjee](#)
- Smart Polymer Materials and Coatings - organized by [Marshall Ming](#)

Two year colleges

- Chemistry at 2 year colleges - organized by [Jordan Kiser](#)

General Sessions:

- Organic Chemistry - organized by [Xin Chen](#)
- Inorganic Chemistry - organized by [Will Lynch](#)
- Environmental Chemistry - organized by [Will Lynch](#)
- Materials Chemistry - organized by [Will Lynch](#)
- Polymer Chemistry - organized by [Will Lynch](#)
- Analytical Chemistry - organized by [Catherine McKenas](#)
- Physical Chemistry - organized by [Cliff Padgett](#)
- Biochemistry - organized by [Tom Leeper](#)
- Undergraduate - organized by [Mitch Weiland](#)
- Chemical Education - organized by [Suazette Mooring](#)
- K-12 Teachers - organized by [Lea Padgett](#)

UNDERGRADUATE PROGRAM

Based upon previous SERMACS attendance, we assumed that undergraduates would encompass a significant percentage of our registrants. Therefore, numerous activities were incorporated into the undergraduate programming. We were also cognizant of students missing their classes, so the program was frontloaded to incorporate as many sessions and networking events as possible on Sunday. A special thanks to our financial sponsors: ACS Office of Undergraduate Programs, The Coastal Georgia Local ACS Section, and the SAACS chapter at Georgia Southern University.

The undergraduate programming kicked off immediately on Sunday morning with two oral sessions and one poster session. There was an Undergraduate Outreach Video Demo over the lunch hour which allowed SAACS chapters to view videos of outreach events by other groups, and gift certificates were awarded to the top three video submissions. The afternoon and evening showcased two oral and two poster sessions. The poster sessions flanked the Graduate School Fair. Pizza was provided during the Graduate School Fair. Monday offered an additional poster session and an Undergraduate/WCC – Industry Luncheon. The undergraduate program finished Tuesday with two poster sessions. Additional details are included in *Appendix H*.

DIVERSITY SYMPOSIUM SERIES

Dates: October 21st (AM & PM), 22nd (AM & Luncheon) - 3 sessions and a luncheon

The Diversity Symposium series was held over two days for a total of three sessions. While the sessions were moderately attended, the attendance for the luncheon was remarkable. The session topics, speakers, sponsors, and luncheon talk were publicized on social media and the SERMACS 2019 website prior to the meeting. It might be beneficial to market the diversity symposium at the undergrad and grad sessions in the future to encourage higher attendance from younger audiences. Sponsors for the symposium series included National organization for Gay and Lesbian Technical Professionals (NOGLSTP), ACS - Innovative Project Grants, and the Coastal Georgia Local Section.

The overall themes for the symposium series were implicit bias, links between diversity and humanity, and intersectionality. The sessions were organized by intersectional themes, instead of a traditional homogeneous approach, so that voices with varied perspectives could gather in one room to discuss a specific topic. These included minority serving organizations, experiences and initiatives, as well as opportunities, scholarships, and fellowships. Each session had a short introductory panel discussion to set the stage for the topics to be discussed in the session. There were 3-4 panelists for each session. Each session ended with a wrap-up discussion to recap what was learned and encourage further sharing of information and resources by the panel and audience alike. Though the sessions were moderately attended (8-16 people), they were well-received by an engaged audience who elicited spirited discussions.

Speakers were invited from across the country, mostly from the southeastern region. They ranged from research faculty, a graduate student, diversity or minority serving organization board members, to a graduate school coordinator. They also ranged in age, race, ethnicity, sex, sexuality, ability, and experience in the chemical enterprise. There was representation from multiple minority serving organizations such as NOGLSTP, AWIS, SACNAS, the ARC Network, HBCU faculty, ACS Prof., and ACS-CWD. Speakers discussed opportunities and

programs available such as the McNair Program, Florida-Georgia Lewis Stokes Alliance Program (LSAMP), and HBCU institutions.

The luncheon was delivered by Rochelle Williams, affiliated with AWIS at the time, on the topic of diversity and humanity with an emphasis of implicit bias. There were 47 attendees at the luncheon. The luncheon was ticketed at \$20/head, and some of the funding/sponsorship was used to subsidize the cost of lunch.

Each invited speaker was provided a reimbursement of \$200/per registered attendee. The keynote luncheon speaker was reimbursed \$500 for travel and hotel. On the first night of the meeting, the invited speakers and symposium organizers went out to dinner to network and discuss lived experiences around the topics within the symposium.

EXPOSITION

The exposition was seated in two areas with 43 total booths (see *Appendix I* for map). 38 booths were occupied with 4 of those being donated to various organizations (SERMACS 2020, Georgia Bureau of Investigation, U.S. Customs and Border Protection and the Coastal Georgia Younger Chemists Committee. The list of vendors is in *Appendix J*. SERMACS 2019 charged \$975.00 per booth before the August 1st deadline. The contract, rules and regulations and services are listed in *Appendix K*. Exposition hours were shortened with the expo open from 1:30 - 6:00 pm on Monday and 9:00 am - 4:00 pm on Tuesday so regional vendors could potentially only commit to one room night. Poster sessions and ALL MEETING coffee breaks were scheduled all mornings and afternoons to assist with traffic at poster sessions and the exposition. On Monday evening the poster session included an all meeting happy hour as well from 5 - 6 pm.

GRADUATE SCHOOL FAIR

See *Appendix L* for the list of graduate schools in attendance and their details along with booth map. Booths were priced at \$300/each with a goal of having 30 institutions attend. Ultimately, 44 schools/programs participated in the event with the majority encompassing the southeast but other regions (Northwest, Central, and Southwest) had representation as well. Face to face contacts were made during SERMACS 2017 and 2018. Contacts from these events as well as additional schools from the area and east coast were contacted in early 2019. Additional emails disseminating pertinent information related to the event, registration, and logistics followed up throughout the spring and summer.

The graduate school fair was on October 20, 2019 from 4:30-7:30 pm. In collaboration with the UG program and conference chair, the event was bookended with UG poster sessions, pizza was stationed at 2 locations to help distribute traffic flow, and an open bar was present. Overall the event was well attended. *Appendix M* is a map of the graduate school fair and booth reservations. The copy of the contract, services and rules and regulations for the graduate school fair is the same as for the exposition and is located in *Appendix K*. The only difference between these was the contract price of \$300.

NATIONAL CHEMISTRY WEEK OUTREACH EVENT

In conjunction with ACS Staff and local section volunteers, SERMACS 2019 hosted a community outreach event. The event was held on the historic Savannah Riverfront in Morrell

Park which is about a 100 meter walk from the Marriott. The event was held in the park to give easy access to individuals from the meeting venue as well as tourists and passersby traveling the city's riverwalk. The event was advertised via normal meeting venues as well as in local papers. The NCW theme was used, "Marvelous Metals". The event was hosted on Sunday afternoon, Oct. 20 from 2-4 pm and was attended by more than 200 visitors. A detailed discussion and planning guide is given in *Appendix N*.

SOCIAL EVENTS

In order to assist with networking and building community, SERMACS 2019 hosted a series of social events. The entire list is in *Appendix O*, however, some of the highlights include: the NCW Outreach Event and Undergraduate Pizza Party on Sunday, the ACS Board of Directors Ice Cream Social and Women's Chemist Committee Just Cocktails on Monday, Senior Chemists Breakfast and YCC Brewery Event on Tuesday and the SERMACS 2019 Awards Luncheon on Wednesday.

AWARDS

Awards nominations were solicited via email from ACS headquarters for the Southeast Region approximately 4 months prior to the meeting. This was to provide a pool of qualified candidates for the awards to review along with those already in the pool. Mr. George Flatau was recognized at the SERMACS 2019 Awards Luncheon as the Outstanding High School Teacher in the Southeast Region for 2019. He currently teaches at the University School of Nashville. Dr. Bommanna Loganathan was recognized at the SERMACS 2019 Awards Luncheon with the E. Ann Nalley Regional Award for Volunteer Service to the ACS. No awards were given in the Partners for Progress and Prosperity (P3) category.

FINANCIAL STATEMENT

Updated financial information can be found in *Appendix P*. The meeting total income was \$351,453. Major areas of revenue included the graduate school fair (\$12,000), the exposition (\$32,025), meeting sponsorship (\$10,750), symposium sponsorship (\$70,573), loans (\$10,000) and registration (\$209,205). Meeting expenses totaled \$238,013.05. Major meeting expenses included symposium costs (\$100,827), loan repayment (\$10,000), pipe and drape (\$5,121.13), Audio / Visual (\$38,369.88), Marriott Food and Beverage and Misc. (\$59,256). The meeting profit / loss was +\$113,439.95, with SERMACS Inc. distribution of \$22,687.99 (20%) and Coastal Georgia Local Section distribution of \$90,751.96.

Appendix A
SERMACS 2019 – Sponsor Benefits



Diamond - \$10,000+

Benefits include:

- Program App advertisement (premium time and duration)
- Five (5) attendee passes
- Website logo and link
- Exposition booth

Graphite - \$5,000 - \$9,999

Benefits include:

- Program App advertisement (superior time and duration)
- Three (3) attendee passes
- Website logo and link

Benzene - \$2,500 - \$4,999

Benefits include:

- Program App advertisement
- Two (2) attendee passes
- Website logo and link

Ethylene - \$1,000 - \$2,499

Benefits include:

- One (1) attendee pass
- Website logo and link

Ethanol - \$500 - \$999

Benefits include:

- Website logo and link

Methane - <\$500

Benefits include:

- Recognition on Sponsor signage

For more info: sermacs2019@gmail.com

Appendix B
SERMACS 2019 – Meeting Sponsors

Sponsor	Amount	Meeting Sponsors			Type pay	level
		Running	Total \$			
Coastal Georgia Section graphite	y		\$5,000		5000	direct dep
GSU College of Sci&Math	\$500	5500	ck		ethanol	y
GSU Dept. of Chem&Bioc y	\$1,000	6500	ck			ethylene
Oakwood Product Inc. ethylene	y	\$1,000		7500	ck	
ACS president	\$1,000		8500	ck		ethylene
Brasseler	\$500	9000	ck		ethanol	y
U of Penn MS Chem. Sci.	\$500	9500	cc		ethanol	y
Furman University	\$500	10000	cc		ethanol	y
Gwinnet College: Coll. Sci. y	\$1,000		11,000	ck		ethylene

Appendix C

SERMACS 2019 – Registration Form



Academe <input type="checkbox"/>	Industry/Government Contractor <input type="checkbox"/>	Government <input type="checkbox"/>	Other <input type="checkbox"/>				
Name: _____							
Street Address: _____							
City, State, Zip: _____							
Phone: _____							
Email: _____							
Local Section: _____							
ACS Division(s): _____							
ACS Member # _____							
ACS MEMBER REGISTRATION FEES <i>Member Number is Required</i>		ADVANCE Before 9/23	ON-SITE After 9/23				
<input type="checkbox"/> ACS Member		\$180	\$225				
<input type="checkbox"/> 50 Year Member		No Charge	No Charge				
<input type="checkbox"/> Emeritus/Retired/Unemployed Member		\$40	\$60				
<input type="checkbox"/> Post-Doctoral Fellow		\$120	\$140				
<input type="checkbox"/> Graduate Student		\$80	\$100				
<input type="checkbox"/> Undergraduate Student		\$60	\$80				
<input type="checkbox"/> Pre-College Teacher		\$30	\$50				
<input type="checkbox"/> Guest / Spouse, relative or person who would not typically attend an ACS meeting/event - \$30 Before 9/23 and \$40 after 9/23							
SOCIAL EVENTS		Date	Time				
<input type="checkbox"/> Undergraduate Outreach Video Demo		Sunday, Oct 20	12:00 PM – 1:30 PM				
<input type="checkbox"/> Undergraduate Pizza Party & Graduate School Fair		Sunday, Oct 20	5:00 PM – 6:00 PM				
<input type="checkbox"/> Undergraduate/WCC/Industry Luncheon		Monday, Oct 21	12:00 PM – 1:30 PM				
<input type="checkbox"/> Ice Cream Social with ACS Governance		Monday, Oct. 21	4:30 PM – 5:30 PM				
<input type="checkbox"/> Women's Chemists Committee – Just Cocktails		Monday, Oct 21	7:30 PM – 9:00 PM				
<input type="checkbox"/> Senior Chemists Committee Breakfast		Tuesday, Oct 22	7:30 AM – 8:30 AM				
<input type="checkbox"/> Diversity in Science Luncheon		Tuesday, Oct. 23	12:00 PM – 1:30 PM				
<input type="checkbox"/> YCC Social - Fermentation Chemistry		Tuesday, Oct. 22	7:00 PM – 9:00 PM				
<input type="checkbox"/> SERM Board Breakfast (Invite Only)		Wednesday, Oct 23	7:30 AM – 8:30 AM				
<input type="checkbox"/> Southeastern Regional Awards Luncheon		Wednesday, Oct. 23	12:00 PM – 1:30 PM				
COURSES & WORKSHOPS (*Leadership & Career Pathways fees are refundable at completion of course for ACS Members)							
<input type="checkbox"/> VIPER Workshop		Sunday, Oct. 20	9:00 AM – 12:00 PM				
<input type="checkbox"/> ACS Leadership Course – Leading Change		Sunday, Oct. 20	1:30 PM – 5:30 PM				
<input type="checkbox"/> ACS Career Pathways – Finding Yourself		Monday, Oct. 21	8:00 AM – 11:00 AM				
<input type="checkbox"/> ACS Career Pathways – Networking		Monday, Oct. 21	11:00 AM – 12:00 PM				
<input type="checkbox"/> ACS Career Pathways – Resume Reviews (Schedule apt. onsite)		Monday, Oct. 21	1:30 PM – 5:30 PM				
<input type="checkbox"/> ACS Career Pathways – Setting Yourself Up for Interview Success		Tuesday, Oct. 22	8:00 AM – 10:00 AM				
<input type="checkbox"/> ACS Career Pathways – Making the Most of Your Interview		Tuesday, Oct. 22	10:00 AM – 12:00 PM				
<input type="checkbox"/> ACS Career Pathways – Mock Interviews (Schedule apt. onsite)		Tuesday, Oct. 22	1:30 PM – 5:30 PM				
<input type="checkbox"/> ACS Leadership Course – Coaching and Feedback		Tuesday, Oct. 22	1:30 PM – 5:30 PM				
<input type="checkbox"/> EChem in a Box – Incorporating Experimental Electrochemistry into your Curriculum		Wednesday, Oct 23	8:00 AM – 4:00 PM				
<input type="checkbox"/> Chemistry Educator Day and Luncheon		Wednesday, Oct. 23	8:00 AM – 5:00 PM				
TOTAL FEES:		Paid by: <input type="checkbox"/> American Express <input type="checkbox"/> Discover <input type="checkbox"/> Master Card <input type="checkbox"/> Visa <input type="checkbox"/> Check <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table> EXP DATE _____ Cardholder Name (please print): _____ Signature: _____					
Registration \$ _____							
Social Events \$ _____							
Workshops \$ _____							
TOTAL AMOUNT ENCLOSED \$ _____							

MAIL OR FAX COMPLETED FORM TO: ACS • OFFICE OF REGIONAL MEETINGS • PO BOX 3337 • COLUMBUS • OH • 43210 • FAX (614) 447-3671

Appendix D

SERMACS 2019 - Final Registration for All Categories

Meeting Registration

Category Description	Reg Category	Reg
	Count	Percentage
Graduate Student	169	9.85
Postdoctoral	13	0.76
Undergraduate Student	230	13.41
Unemployed	6	0.35
ACS Staff Member	5	0.29
ACS Member	532	31.02
Postdoctoral Non-Member	15	0.87
Exhibitor	73	4.26
Emeritus or Retired	12	0.70
K-12 Teacher Non-Member	8	0.47
Undergrad Non-Member	273	15.92
50 Year ACS Member	12	0.70
ACS Staff Non-Member	6	0.35
High School Student	25	1.46
Guest	26	1.52
K-12 Teacher Mbr	6	0.35
Unenterable	1	0.06
Graduate Non-Member	166	9.68
Non-Member	123	7.17
Framily	14	0.82
Total	1715	100.00

Event Registration

Item Name	Item Count	Quota
50 Year ACS Member	11	0
Grad Fair Booth	41	0
ACS Membership	113	500
SERMACS 2019 Awards Luncheon	32	50
SERMACS Board Breakfast	36	0
Chemical Educator Day and Luncheon	32	0
Exhibit Booth	32	37
Double Commercial Booth	1	0
Diversity in Science Luncheon	50	50

EChem in a Box Incorporating Experimental Electrochemistry into your Curriculum	5	35
EChem in a Box Incorporating Experimental Electrochemistry into your Curriculum	3	20
Ethanol Sponsorship Level	6	50
Exhibitor	70	200
ACS Career Pathways: Finding Yourself	49	49
Framily Pass	14	0
Graduate Student Member	168	0
Graduate Student Non Member	167	0
GUEST	27	0
High School Project SEED	4	0
High School Student	21	0
Ice Cream Social w/ACS Governance	275	275
Women's Chemist Committee Just Cocktails	147	147
K12 Teacher Member	6	0
K12 Teacher Non-Member	8	0
ACS Career Pathways: Making the Most of Your Interview	36	36
ACS Member	525	0
ACS Career Pathways: Mock Interviews	18	18
ACS Career Pathways: Networking	52	51
Non Member	122	0
Outreach Training Program	26	32
Post Doc Non Member	15	0
Post Doc Student	13	0
ACS Career Pathways: Resume Reviews	18	18
RETIRED	12	0
Senior Chemist Breakfast	16	50
ACS Career Pathways: Setting Yourself Up for Interview Success	35	36
Sponsorship Methane Level	1	0
ACS Staff	10	0
Symposium Sponsorship	5	100
Undergraduate Outreach Video Demos	119	120
Undergraduate/WCC/Industry Luncheon UG	44	45
Undergraduate Student Non Member	277	0
Undergraduate Pizza Party & Graduate School Fair	341	0
Undergraduate/WCC/Industry Luncheon	28	0
Undergraduate Student	228	0
Unemployed	5	0
VIPER Workshop	46	46
YCC Social Fermentation Chemistry	82	300

Appendix E

SERMACS 2019 – Invited Technical Sessions By Discipline

Invited Biochemistry Technical Sessions

Sunday

- ❖ **Advancements in Fermentation Chemistry (PM)**
Organizer: Zachary Davis-Wofford College
- ❖ **Recent Advances in Bioinorganic Chemistry (PM)**
Organizer: Jonathan Caranto-University of Central Florida

Monday

- ❖ **Advancements in Chemical Biology (AM/PM)**
Organizer: Gavin Williams-North Carolina State University
- ❖ **Advancements in Biocatalysis (AM)**
Organizer: Andreas Bommarius-Georgia Institute of Technology

Tuesday

- ❖ **Advancements in Mechanistic Enzymology (AM)**
Organizer: Justin Miller-Middle Tennessee State University
 - ❖ **Frontiers in Mechanistic Enzymology (PM)**
Organizer: Matthew Thompson-The University of Alabama
- Plus additional contributed oral and poster sessions all week



Invited Chemical Education Technical Sessions

Sunday

- ❖ **Undergraduate Research Experiences: The Power of Quality Mentorship & Programming (AM)**
Organizer: Karelle Aiken-Georgia Southern University
- ❖ **Chemistry Education in the Technical College System of Georgia (AM)**
Organizers: Jordan Kiser-Savannah Technical College

Monday

- ❖ **Chemistry Education: Active Learning Methods (AM)**
Organizers: Susan Verberne-Sutton-Vanderbilt University
- ❖ **Chemistry Education from Research to Practice (AM)**
Organizer: Mary Beth Anzovino-Georgia Gwinnett College | Sara Johnson-University of North Alabama

Tuesday

- ❖ **Incorporating Primary Literature into the Curriculum (AM)**
Organizers: Laura Strausberg-Wesleyan College
- ❖ **Incorporating Research into the Analytical Curriculum (AM)**
Organizers: Gretchen Potts-Univ of Tennessee - Chatanooga | Chris Dockery-Kennesaw State University
- ❖ **Cure Chemistry Research In Lab (PM)**
Organizers: Arthur Sikora-NOVA Southeastern University
- ❖ **Teaching, Creating & Sustaining a Safety Culture (PM)**
Organizers: Mary Koza-University of North Carolina-Chapel Hill

Wednesday

- ❖ **K-12 Teachers (AM/PM)**
Organizer: Lea Padgett-Georgia Southern University
- Plus additional contributed oral and poster sessions all week



Invited COMP/PHYS Technical Sessions

Sunday

- ❖ **Advances in Connecting Structure, Dynamics & Functions of Macromolecules using Computational Methods (PM)**

Organizers: Victor Waingeh-Indiana University Southeast | Neville Forlemu-Georgia Gwinnett College

Monday

- ❖ **Structure-Based Drug Design (AM/PM)**

Organizer: Rachelle Blenstock - RJB Computational Modeling LLC

- ❖ **Computational Chemistry Applied to Interesting Problems (PM)**

Organizer: George Shields-Furman University

Tuesday

- ❖ **Astrochemistry in the Southeast & Beyond (AM/PM)**

Organizer: Ryan Fortenberry-University of Mississippi

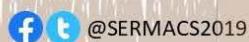
- ❖ **Spectroscopic Imaging: Bridging the Gap between Chemical & Spatial Heterogeneity (AM/PM)**

Organizers: Ayanjeet Ghosh-University of Alabama

- ❖ **Advancing Infrared Spectroscopic Techniques and Vibrational Sensing (AM/PM)**

Organizers: Lauren Buchanan-Vanderbilt University | Joshua Caldwell-Vanderbilt University

-Plus additional contributed oral and poster sessions all week



Invited Diversity/Community in Chemistry Sessions

Sunday

- ❖ **Project SEED (AM/PM)**

Organizer: Ajay Malia-Georgia Gwinnett College | Douglas Masterson-University of Southern Mississippi

Monday

- ❖ **WCC: Modern Issues for women in chemistry (AM/PM)**

Organizer: Sarah Zingales - Georgia Southern University

- ❖ **Diversity: Minority Serving Organizations (AM)**

Organizer: Ryan Groom and Brandon Quillian – Georgia Southern University

- ❖ **Diversity: Opportunities, Scholarships, Fellowships, & Internships (PM)**

Organizer: Ryan Groom and Brandon Quillian – Georgia Southern University

Tuesday

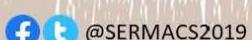
- ❖ **Relating Research to Community (AM)**

Organizers: Karla Sue Marriott-Savannah State University

- ❖ **Diversity: Experiences and Initiatives (AM)**

Organizer: Ryan Groom and Brandon Quillian – Georgia Southern University

-Plus additional contributed oral and poster sessions all week



Invited Environmental Technical Sessions

Sunday

- ❖ **Biobased & Bio Inspired Polymers & Composites (AM)**
Organizer: Rafael Quirino-Georgia Southern University
- ❖ **Understanding Coastal Environments through Toxicological Applications & Tools (PM)**
Organizer: Worlanyo Gato-Georgia Southern University

Monday

- ❖ **Recent Advances in Green Metal Nanoparticle Synthesis & Applications (PM)**
Organizer: Beverly Penland-Georgia Southern University
- ❖ **Plastics & Microplastics in the Environment (AM)**
Organizer: Jay Brandes-University of Georgia-Skidaway Institute of Oceanography
- ❖ **Advancements in Environmental Chemistry (PM)**
Organizer: Vasileios Anagnostopoulos-Univ. Central Florida - Applied Research Center

Tuesday

- ❖ **Biodegradable Polymers: Recent Innovations & Applications (AM)**
Organizers: Pascal Binda-Savannah State University | Hua Zhao-Savannah State Univ
 - ❖ **Aquatic Biogeochemistry (PM)**
Organizer: Sarah Gray-Stockton University
- Plus additional contributed oral and poster sessions all week



Invited Inorganic Technical Sessions

Sunday

- ❖ **f-Element Chemistry & Separations (AM)**
Organizers: Eric Werner-University of Tampa | Anne Gordon-Auburn University
- ❖ **Catalysis in Aqueous and Alternative Media (PM)**
Organizers: Kevin Shaughnessy-University of Alabama | Hans Schanz-Georgia Southern Univ
- ❖ **Advances in Phosphorous-Based Ligands (PM)**
Organizers: George Stanley-Louisiana State Univ | Benjamin Wicker-Southeastern Louisiana Univ
- ❖ **Recent Advances in Bioinorganic Chemistry (PM)**
Organizer: Jonathan Caranton-University of Central Florida
- ❖ **X-Ray in the Southeast: Single Crystal (PM)**
Organizers: Will Lynch-Georgia Southern Univ | Ryan Groom-Georgia Southern Univ

Tuesday

- ❖ **Coordination Chemistry: Synthesis, Characterization & Application (PM)**
Organizer: Arpita Saha-Georgia Southern University

Wednesday

- ❖ **Well-Defined Supramolecular Materials (AM)**
Organizer: Natalia Shustova-University of South Carolina
- Plus additional contributed oral and poster sessions all week



Invited Organic Technical Sessions

Sunday

- ❖ **Organic Chemistry in Fluorescence Microscopy (AM)**
Organizer: Lei Zhu-Florida State University
- ❖ **Catalysis in Aqueous and Alternative Media (PM)**
Organizers: Kevin Shaughnessy-University of Alabama|Hans Schanz-Georgia Southern University
- ❖ **Cope Scholar Symposium in honor of Seth Marder:Development of Organic Semiconductor Materials (PM)**
Organizer: Shainaz Landge and Abid Shaikh - Georgia Southern University

Monday

- ❖ **Strategy & Methods for Complex Molecule Synthesis (AM/PM)**
Organizers: Eric Ferreira-University of Georgia|Alexander Grenning-University of Florida
- ❖ **Advancements in Biocatalysis (AM)**
Organizer: Andreas Bommarius-Georgia Institute of Technology
- ❖ **Frontiers in Nucleic Acid Chemistry (PM)**
Organizers: Dev Arya-Clemson Univ|Fenfei Leng-Florida International Univ|Nathaniel Shank-Georgia Southern Univ

Tuesday

- ❖ **Frontiers in Nucleic Acid Chemistry (AM/PM)**
Organizers: Dev Arya-Clemson Univ|Fenfei Leng-Florida International Univ|Nathaniel Shank-Georgia Southern Univ
- ❖ **Heterocyclic Chemistry in the Southeast & Beyond (AM/PM)**
Organizers: Qiu Wang-Duke University|Chad Stephens-Augusta University

Wednesday

- ❖ **Advancements in Microwave Chemistry (AM)**
Organizer: Shainaz Landge-Georgia Southern University

-Plus additional contributed oral and poster sessions all week



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Part 1: Invited POLY/MATR Technical Sessions

Sunday

- ❖ **Biobased & Bio Inspired Polymers & Composites (AM)**
Organizer: Rafael Quirino – Georgia Southern University
- ❖ **Synthesis & Application of Novel Nanocatalysts (AM)**
Organizer: Ji Wu-Georgia Southern University
- ❖ **Advances in Polymer Science & Engineering (AM/PM)**
Organizers: Pranav Kalekar-Georgia Institute of Technology
- ❖ **Smart Polymer Materials & Coatings (AM/PM)**
Organizers: Marshall Ming-Georgia Southern University

Monday

- ❖ **Polymers at Interfaces (AM)**
Organizers: Lorraine Leon Gibbons-Univ of Central Florida | Blair Brettman – Georgia Tech
- ❖ **Recent Advances in Cellulose, Lignin or Hemicellulose Derived Materials & Chemicals (AM)**
Organizer: Sabornie Chatterjee – Rayonier Advanced Materials
- ❖ **Polymeric Materials for the Next Generation Sensing, Diagnostics, & Therapy (AM/PM)**
Organizers: Colleen Scott-Mississippi State University | Davita Watkins-University of Mississippi



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Part 2: Invited POLY/MATR Technical Sessions

Monday

- ❖ **Polymers at Interfaces (AM)**
Organizers: Lorraine Gibbons-Univ of Central Florida | Blair Brettman – Georgia Tech
- ❖ **Polymeric Materials for the Next Generation Sensing, Diagnostics, & Therapy (AM/PM)**
Organizers: Colleen Scott-Mississippi State University | Davita Watkins-University of Mississippi
- ❖ **Recent Advances in Green Metal Nanoparticle Synthesis & Applications (PM)**
Organizers: Beverly Briggs Penland – Georgia Southern University

Tuesday

- ❖ **Biodegradable Polymers: Recent Innovations & Applications (AM)**
Organizers: Pascal Binda and Hua Zhao – Savannah State University
- ❖ **Frontier Research in Polymer Science (PM)**
Organizers: Erik Berda-University of New Hampshire

Wednesday

- ❖ **Well-Defined Supramolecular Materials (AM)**
Organizer: Natalia Shustova – University of South Carolina
-Plus additional contributed oral and poster sessions all week



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Invited Environmental Technical Sessions

Sunday

- ❖ **Biobased & Bio Inspired Polymers & Composites (AM)**
Organizer: Rafael Quirino-Georgia Southern University
- ❖ **Understanding Coastal Environments through Toxicological Applications & Tools (PM)**
Organizer: Worlanyo Gato-Georgia Southern University

Monday

- ❖ **Recent Advances in Green Metal Nanoparticle Synthesis & Applications (PM)**
Organizer: Beverly Penland-Georgia Southern University
- ❖ **Plastics & Microplastics in the Environment (AM)**
Organizer: Jay Brandes-University of Georgia -Skidaway Institute of Oceanography
- ❖ **Advancements in Environmental Chemistry (PM)**
Organizer: Vasileios Anagnostopoulos-Univ. Central Florida

Tuesday

- ❖ **Biodegradable Polymers: Recent Innovations & Applications (AM)**
Organizers: Pascal Binda-Savannah State University | Hua Zhao-Savannah State Univ
 - ❖ **Aquatic Biogeochemistry (PM)**
Organizer: Sarah Gray-Stockton University
- Plus additional contributed oral and poster sessions all week



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Invited Multidisciplinary Technical Sessions

Tuesday

❖ Geochemistry (PM)

Organizers: Catherine Macgowan and Donna Mullenax – Georgia Southern University

❖ Aquatic Biogeochemistry (PM)

Organizer: Sarah Gray – Stockton University

❖ The Past, Present, & Future of the Periodic Table (PM)

Organizers: Richard Wallace and Clifford Padgett–Georgia Southern Univ. | Dan Rabinovich – UNC Charlotte

❖ History of Chemistry (PM)

Organizer: Richard Wallace – Georgia Southern University

Wednesday

❖ Entrepreneurs Tool Kit (AM)

Organizers: Joe Sabol – Chemical Consultant

❖ Forensic DNA Analysis & Beyond: Enabled by Biological Chemistry (AM)

Organizer: Oluseyi Vanderpuye – Albany State University

❖ Patent Law For Chemists: What You Need To Know (AM)

Organizer: April Weisbruch - Sheppard Mullin Richter & Hampton LLP



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Appendix F

SERMACS 2019 – Meeting Sponsorship Flyer

Meeting Sponsorship Opportunities



Diamond - \$10,000+

Benefits include: Program App advertisement (premium time and duration); Five (5) attendee passes; Website logo and link; Exposition booth



Benzene - \$2,500 - \$4,999

Benefits include: Program App advertisement; Two (2) attendee passes; Website logo and link



Graphite - \$5,000 - \$9,999

Benefits include: Program App advertisement (superior time and duration); Three (3) attendee passes; Website logo and link



Ethylene - \$1,000 - \$2,499

Benefits include: One (1) attendee pass; Website logo and link

Session Sponsorship Opportunities

- Sponsors will be recognized in our mobile app/meeting program ("session title - sponsored by XYZ")
- Sponsors will be listed on our website home page and sponsor page (<https://www.sermacs2019.org/sponsors/>)
- Sponsors will have signage at the meeting:
 - The sign at the door of the session will say "session title - sponsored by XYZ"
 - There will be large posters throughout the meeting advertising all of our sponsors
- Optional - presenters would acknowledge the sponsor in their talk (<https://www.sermacs2019.org/symposia>)

Checks should be made out to ***Coastal Georgia ACS/SERMACS 19***

Appendix G
SERMACS 2019 – Technical Program Tips & Timeline
Regional Meeting Program Chair (Tips/Timeline)

Brent Feske – Program Chair 2019 <https://www.sermacs2019.org/>

1-year out (or more for high demand Plenary speakers as early as 2-3 years out)

1. **Plenary:** Discuss with the committee the type of plenary/s you would like (Nobel Laureate, current “star”, book author, etc). Identify the budget you plan to spend on plenary.
2. **Technical Sessions:** begin collecting recommendations/nominations for people willing to organize a technical session. Their goal for one session should be between 7-11 speakers per session. Be sure to ask them if they want it invite only or if they want it open to contributed abstracts as well (combination of invited + contributed) and have the ACS set that up in MAPS appropriately.
3. **Technical Session- Internal Sponsorship:** Work with committee to determine if and how much you plan to sponsor technical session organizers (we did \$500 increments for every 5 non-student speakers-invited speakers only, not contributed). Similarly, do you plan to match (and if so up to how much) for the organizers to find external sponsorships. It is good to communicate this to all potential session organizers on the front end. We matched \$500 per organizer/session. Our average session had between \$1000-\$1500 in total sponsorship that they can use to reimburse travel costs of a speaker or to pay for a dinner, etc.

8-10 -months out (Many productive/popular professors tend to schedule themselves a year out so you don't want to wait too long to build invited speaker list)

1. Look at your current areas of technical sessions and develop a list of areas that you feel need more sessions (aka only have one BCHM and want more). Then begin emailing professors in that field (I chose research institutions from our region) to see if they were willing to host. I sent personalized emails after looking at their research website (instead of a generic blast) so I had a VERY good response rate and it wasn't a lot of work to fill up the technical session schedule. Be sure to let the invited organizer that they can have one or two co-organizers if they want.
2. Encourage potential organizers to shoot for about a 7-11 speakers per half day session (240 minutes for a standard half day session in MAPS). I would also encourage the organizers to look outside the region. Some people think that since this is a regional meeting that they are NOT allowed to invite someone outside the region. I think a meeting is stronger when people from outside the region (2019 had ~ 10 international presenters) come to present.
3. Encourage the tech session organizers to solicit sponsorship from Vendors, their own university/departments, as well as ACS divisions. I worked with our committee member in charge of marketing to develop a flyer that a session chair can send to companies to solicit funds to support their session. The sooner the session organizer knows how

much money they will have to reimburse their speakers, the easier it is for them to recruit quality speakers into their session. (**See attachment #1 – sponsorship flyer)(Attachment #2 draft letter)**

Point of clarification: Be sure the organizers communicate to their invited speakers that even though they are invited, they must still register (pay \$) to attend the conference. If the organizer can find funds then those invited speakers could get their registration fees reimbursed (we left it up to organizer on how money was reimbursed).

Before Abstract Deadline

1. Be sure to remind your session organizers of the abstract deadline. Most presenters will wait till the last day to submit an abstract. Encourage the session organizers to log into MAPS and look to see who has (and who hasn't) submitted abstracts to their session. That allows them an opportunity to remind the invited speaker and/or find a new speaker to replace someone who may no longer be interested. Use the one week extension for the abstract deadline that the ACS offers. Don't tell anyone about it or the extension concept doesn't work!
2. This is a good time to begin looking at the number of sessions you have and room usage. So you can tell people how many half day sessions they can have (over time organizers may build up a program that will cover 2 to 3 half days). **Half Day Session** - You can fit 11 - 20 min talks into a standard 240 min session (includes intermission), 7 - 30 min talks, and I would discourage anything longer than 30 minutes unless it is a keynote or you have plenty of space and not concerned about space usage.
3. You should be working on a tentative schedule assigning each session a time slot and room. I tried to color code each session (organic, inorganic, etc) and tried to make sure that the disciplines were spread out throughout the conference (don't want all of the organic sessions to happen on the same day)(**See Attachment #3 as example**). Once I developed a tentative schedule I worked with organizers (particularly those of technical sessions) about their preferred time slot (I used the general sessions (ORG, INOR, etc) to fill in the left over spots once the tech session organizers got their time slot). Encourage them to talk to their invited speakers to confirm that this time slot will work (It can be difficult to move last minute).

After Abstracts Close

1. Don't tell your session organizers until after abstracts close, but you (program chair/s) can still manually add abstracts into MAPS. It is not too bad of a process as long as you are clear about what you need. (example email below)

We ask that they log into their ACS account (if they have one) and then email me (Brent Feske, bfeske@georgiasouthern.edu):

1. Their exact name as it is written on their ACS account
2. The email address connected to their ACS account (I will need all email addresses of coauthors and their affiliation/institution)
3. Current Institution name/city of location

4. Title (**Reminder: Only first word is capitalized**)
5. Abstract
6. Session title (**maybe give them a link to the sessions**)
7. Oral or poster

Box/Excel Workbooks

1. After abstracts close the session organizers will receive ACS training to access their abstracts through a database called Box and build out their session. Using the excel sheet template they will: Schedule the order of the talks, schedule the duration of each talk, insert the intermission, and deny abstracts from their session if they do not think it fits) They will not be able to request exact start/finish times, you will do that later.

Sessioning all abstracts

1. Most of this process is completed by session organizers and ACS staff. However, there will be abstracts that still need a home. To search for abstracts that have not been sessioned go to the Abstract list in MAPS and search for “submitted” those are the unsessioned abstracts that are still in the submitted status. You need to work with organizers to find the correct home for these abstracts (or decide to not session them... those will be rejected).
2. As mentioned before, you should have an idea of where each session will be (room/time) and now is when you go in and assign the room, day, and start time of each session in MAPS. I would check each session to make sure that the schedule they submitted in Box/excel looks right. (we tried to have all intermissions fall within about a 30-45 minute window so we can offer coffee to attendees).
3. After you do this, STRONGLY ENCOURAGE, your organizers to go in and double check their day, time, and schedule. **Now is the easiest time to make changes.**

Sessioning for the program chair closes

1. Once sessioning closes the program chair can not make changes (all changes now handled by the ACS). When they close sessioning they will generate a draft program. I decided to share that document with my organizers as a final check. Unfortunately, most organizers didn't check their schedule/program when I asked them to (back when I had access) and decided now to suggest changes, etc. Much harder to make changes at this point.

Other Tips/etc.

Session Banners – We only printed session banners for sessions that had sponsors (this was to make sure we gave the marketing for that company). Banners stood on a stand outside of each room while the session was going. The banners were pretty cheap (about \$25) so I would probably just make a banner for every session, just because some people felt neglected since they didn't have a banner and they were not that much money. (we can share the company we used if needed). Be sure to communicate a deadline to organizers that their sponsorship must be in by a certain date to get sponsor logo on the banner.

Communicating Current Level of Sponsorship to Organizers – one of the most time consuming things we had to do was communicate to each organizer what their level of sponsorship was at a given time. (2 months out, One month out, and at the time of the meeting, etc) This is dependent on the number of their invited speakers that have registered (5 invited speakers = \$500) as well as if the sponsorship dollars have arrived yet. Some money took months to finally arrive (or they would send it to the wrong place...) **(See attached file #4 on how I kept track of this – I had the session organizer start this excel file by putting in the name and affiliation of all of their invited speakers – this does not include any contributed abstract/speakers. I would then update this file as we get the registration list from the ACS and as the treasurer informed me of sponsorships coming in)** This allowed the organizer to better communicate/plan how they will disperse their reimbursement dollars (avoided last minute surprises aka organizer thought they had \$1000 to spend but only had \$500)

Promoting graduate fair and Expo – When I emailed my session organizers/coorganizers (approximately 60 people) I would ask them “is your university participating in our graduate fair?” and then gave them our grad fair contact info. I think this helped us fill our grad fair very fast (we went over capacity actually). Similarly, encourage the organizers, when they are talking to potential sponsors, to consider buying a booth at our EXPO (and share the expo chair information and weblinks)

Appendix H

SERMACS 2019 – Undergraduate Program (Additional Details)

Sunday, October 20

Morning:

Two General Oral Presentation Sessions

One Poster Session (Poster boards were sponsored by the ACS Office of Undergraduate Programs)

12:00 – 1:30 Undergraduate Outreach Video Demo

Prizes (gift certificates) were awarded to the top three SAACS chapter video submissions. Prizes were sponsored by the ACS Office of Undergraduate Programs and the Georgia Southern University SAACS Chapter. Food was sponsored by the Coastal Georgia Local ACS Section.

1st Place: Maryville College

2nd Place: Tennessee Tech

3rd Place: Georgia State University

Afternoon/Evening:

Two General Oral Presentation Sessions

Two Poster Sessions that bookended the Graduate School Fair

- Pizza (sponsored by Coastal Georgia Local ACS Section) was served between the two poster sessions

Monday, October 21

Morning:

One Poster Session

12:00 – 1:30 Undergraduate/WCC Industry Luncheon (sponsored by Coastal Georgia Local ACS Section)

Panelists:

Shae Brown, Senior Development Scientist, R & D, Fiber Visions, Covington, GA

Kathryn Lanier, Director of STEM Education Outreach at Southern Research, Birmingham, AL

Brooke Wood Shore, Savannah River National Laboratory, Augusta, GA

Sheila Williams, Rayonier Advanced Materials, Jesup, GA

Stacy York, University of Oregon, Eugene, OR

Rachelle Bienstock, RJB Computational Modeling, Chapel Hill, NC

Marissa Bono, Georgia Bureau of Investigations, Pooler, GA

Erica Cooper, CBP Laboratories and Scientific Services Directorate, Savannah, GA

Amanda Quaranta, Kryton Corporation, Savannah, GA

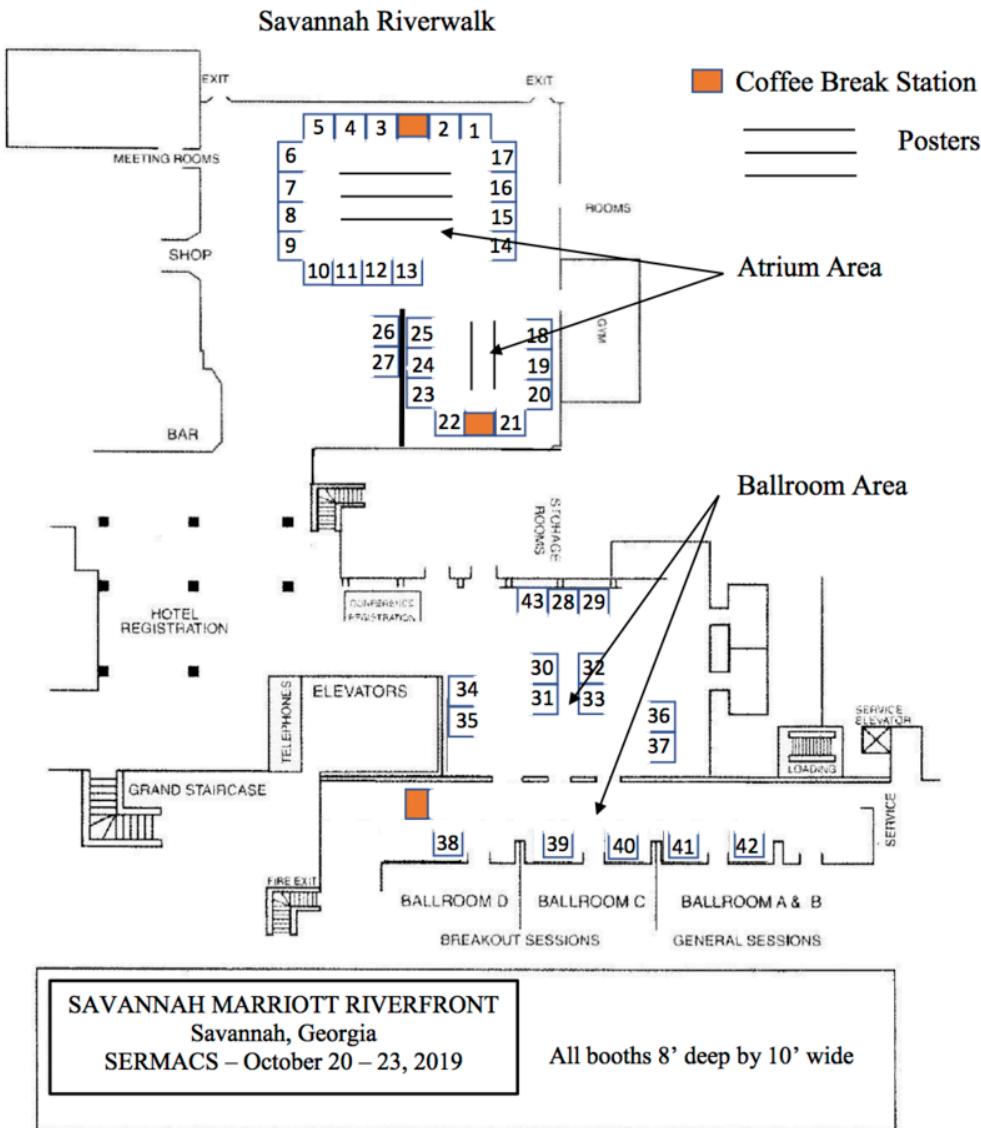
Tuesday, October 22

Morning:

Two Poster Sessions

Appendix I

SERMACS 2019 – Exposition Map



Appendix J
SERMACS 2019 – List of Vendors

SERMACS 2019

Exposition

October 20-23, 2019

Savannah Georgia

Coastal Georgia Local Section

Current exhibitors (with Booth Numbers):

- 1 JASCO
- 2 Machery-Nagel
- 3 Chem 21 Labs
- 5 SERMACS 2020
- 7 Q.One Americas
- 9 Oxford Instruments
- 11 Georgia Bureau of Investigation
- 12 Coastal Georgia Local Section - Younger Chemists Committee
- 13 Rigaku
- 14 Gale
- 15 Magritek Inc.
- 16. Photothermal Spectroscopy Corp.
- 17 Pine Research
- 18 Catalyst Education
- 19 U.S. Customs and Border Protection Agency
- 20 Advion
- 21 SCIEX
- 22 Pike Technologies
- 23 Mettler Toledo
- 24 Wyatt Technologies
- 25 Neaspec GmbH
- 26 CEM
- 27 Anasazi Instruments
- 28 & 29 ACS Store/Lounge
- 30 Nanalysis Corp
- 31 eScience Lab
- 33 Bruker Optics
- 34 Microlab
- 35 Thermo Fisher
- 36 Oakwood Chemical
- 37 Labster
- 38 Vernier
- 39 JEOL
- 40 Waters
- 41 IKA
- 42 Biotage
- 43 ACS Store/Lounge

Appendix K
SERMACS 2019 – Exposition Contract, Rules and Regulations and Service Contract

SERMACS 2019 EXPOSITION BOOTH APPLICATION AND CONTRACT
October 21 - 22, 2019, Savannah, GA

I (We) agree to abide by the EXPOSITION RULES AND REGULATIONS (included in this packet) and, in accordance with, also hereby apply for exposition space on October 21st and 22nd at SERMACS 2019 to be held October 20 - 23, 2019 in Savannah, GA.

BOOTH assignments cannot be made without this FORM and PAYMENT

<p><u>BOOTH assignments cannot be made without this FORM and PAYMENT</u></p>			
<p><u>BOOTH TYPE</u> single \$975 [\$1200 after Aug 1, 2019] double \$1800 [\$2000 after Aug 1, 2019]</p>			
Booth reservation number	1 st choice	2 nd choice	3 rd choice
<i>If you desire more than one contiguous booth, list all booths desired as one choice. See website for booth numbers.</i>			
Checks payable to: <i>Coastal Georgia Section - American Chemical Society</i>			
Payment by:	check	VISA	MC
AmEx			
Credit Card No. _____ exp. date: _____			
Credit Card Signature_____			
Printed Name (as shown on card)_____			
Send Application Form with Payment Information To:	Jim LoBue Exposition Chair, SERMACS 2019 Department of Chemistry and Biochemistry Georgia Southern University PO Box 8064 Statesboro, Georgia 30460 912-478-0398 jlobue@georgiasouthern.edu		

It is understood and agreed that SERMACS 2019 will endeavor to assign space in order of choice. If all spaces selected have been previously assigned, the Exposition Chair reserves the right to assign space as equitably as possible in accordance with the stated exhibitor preference.

Send Booth Confirmation and
additional information to:

Person Responsible for Booth Set-
up on Sunday Oct. 20:

Company _____
Contact Person _____
Address _____

Phone/FAX _____
email _____

Names for Exhibitor Badges (1) _____ (2) _____

Authorized Exhibitor Signature _____

Printed Name _____

SERMACS 2019

Rules and Regulations for Exposition Booths

1. Contract for Space. The receipt by the SERMACS 2019 of your signed application accompanied by payment for the full amount of the exhibitor fee will constitute a contract for the right to use exhibit space at SERMACS 2019. Cancellations will be accepted only after all available exhibition space has been sold and another exhibitor agrees to purchase the cancelled space. In the event of a fire, strike, or other uncontrollable circumstance, which renders the exhibition area unavailable for use, this contract will not be binding. If such an event happens prior to September 15, 2019 the SERMACS 2019 will issue a refund of at least half of the exhibitor fee.
2. Space Assignment. SERMACS 2019 will endeavor to honor your choice of exhibit space based on the date of receipt of the completed exhibitor application. In the event that your preferred choices have already been assigned, the SERMACS 2019 will assign booths as equitably as possible, in accordance with the exhibitor preferences. SERMACS 2019 reserves the right to rearrange booth space for flow. In such a case, as equivalent of a booth as possible will be assigned and your contact person consulted.
3. Space Rental and Fees. All booths will be 8 feet by 10 feet. Standard booth furnishings will include a 6-foot topped and skirted table, two banquet chairs, one wastebasket, one identification sign with booth number, and general overhead illumination. Prior to August 1, 2019, the rental fee for a single manned booth is \$975, and for a double manned booth it is \$1750. On or after August 1, 2019, the rental fee for a single manned booth is \$1200, and for a double manned booth it is \$2000. Rental of a manned booth includes two complimentary exhibitor badges. The rental fee for a single manned graduate school booth is \$300 and a double booth is \$450. The rental period for graduate school booths will be one day: October 20, 2019.
4. Additional Furnishings and Supplies. Additional furnishings and supplies, internet and telephone access, and electrical power may be arranged in advance of the meeting through the Augusta Marriott at the Convention Center (see SERMACS2019.org website for the required forms). A listing of these extra services and credit card authorization will be provided with your booth confirmation.
5. Shipping and Handling of Shipping Crates. Exhibitors have two options: A.) Bring your display materials with you when you arrive to set up your exhibit. Exhibitors should also bring equipment to move their materials to the exhibit area (e.g. cart or flat bed, etc). All materials must enter through the loading dock entrance. They should clear their vehicles from the loading dock area within 10 minutes. B.) Ship your materials to the Savannah Riverfront Marriott to have them delivered at the time of setup. Shipments should arrive within five (5) business days of the event and be scheduled for return shipment within 24 hours after the event. Handling fees will apply for all out bound shipments. Hotel shipping forms must be completed for out bound shipments along with a form of payment. All shipping and handling costs are the responsibility of the exhibitor.
The same two options apply, in reverse, for removal at the end of the exhibition.
6. Installation and Dismantling of Exhibits. Vendor Exhibitors may set up their displays and other materials from 7:00 to 11:00 am on Monday, October 21, 2019. All exhibit setup work should be completed 30 minutes before the exposition's opening time of 12:00 pm on Monday, October 21, 2019. Unoccupied exhibit space may be reassigned after 12:00 pm on Monday, October 21, 2019 without refund of any space rental fees that may have previously been paid for it. Dismantling of exhibits shall begin after the closing of the exposition at 5:00 pm on Tuesday,

October 22, 2019. All exhibit materials must be removed by 7:00 pm on this same day. Graduate School Exhibitors may set up their displays and other materials on Sunday, October 20, 2019 beginning at 1 pm and remove them by 8:30 pm.

7. Space Restrictions. All demonstrations, discussions, and other activities such as the distribution of descriptive literature of any kind, must be confined to the exhibitor's own booth or otherwise approved area. No exhibitor shall assign, sublet, or share the whole or any part of their assigned space without prior approval of SERMACS 2019. Booth displays should not be placed in such a manner as to interfere with other exhibitors. No tall sidewall shall project forward farther than 36 inches from the main back wall, and no equipment of abnormal height (greater than 8 feet) shall be allowed along the sides. There shall be no obstruction of the aisles.

8. Fire Precautions. All materials used for the displays must be flame retardant. Fire fighting and emergency equipment shall not be hidden or obstructed. All packing containers and similar shipping materials shall be removed from sight upon completion of the booth setup. Small items may be stored under the table, if hidden by a table skirt. Large items shall be stored by prior arrangement, in advance of the meeting, by the Augusta Marriott at the Convention Center. All electrical work and wiring must be approved and installed in accordance with the underwriters code, local codes, and the directions of the Augusta Marriott at the Convention Center.

9. Protection of Savannah Riverfront Marriott at the Convention Center Property. No items of any kind shall be glued, tacked, nailed, screwed, taped, or otherwise attached to the columns, walls, floors or other parts of the hotel or convention center building or to any of its furniture except that power cords may be duck-taped to the floor for safety purposes.

10. Liability. The exhibitor assumes the entire responsibility and liability for losses, damages, and claims arising out of the activities of the exhibitor and their agents. The exhibitor will indemnify and hold harmless the Savannah Riverfront Marriott at the Convention Center, the Coastal Georgia Local Section of the American Chemical Society, SERMACS 2019, SERMACS, Inc., the American Chemical Society, and their agents and employees, from any and all such losses, damages and claims. The Savannah Riverfront Marriott and its staff will provide a normal level of building security during the meeting. However, neither the SERMACS 2019 nor the Savannah Riverfront Marriott can provide guarantees against losses of any kind.

11. Exhibitor's Badges. Each manned booth exhibitor will receive two exposition-only badges as part of registration. The names of each person should be listed on the booth application form. The exposition chair, James LoBue, should be notified of additions and deletions to this list. These meeting badges will admit exhibitor representatives to presentations of all SERMACS 2019 sponsored functions through Wednesday afternoon, except the technical sessions. However, exhibitor representatives with meeting badges will need to pay any extra event admission fees to "ticketed" events on the same basis as all other registered meeting attendees.

12. Admission to Exposition Area. Admission to the Exposition Hall will be limited to those wearing a SERMACS 20198 or Exposition-Only badge, except for staff and employees of the Savannah Riverfront Marriott, who will also be admitted to the hall.

13. Exposition Hours. The two-day vendor exhibition is scheduled for the afternoon of Monday, October 21, 2019 from 12:00 pm until 5:30 pm, and Tuesday October 22, 2019 from 8:00 am until 5:00 pm. The one-day graduate school fair is scheduled for the Sunday, October 20, 2019 from 4:30 – 7:30 pm. These exposition hours may be revised at a later date. Exhibitors

of manned booths are expected to have at least one representative present at their booth during these hours, they are free to staff their booths with additional representatives as they see fit.

Exhibitor Services Form
SERMACS 10/17-24/2019
(American Chemical Society)

Exhibitor Service requests must be received by the Convention Services Department at least (14) days prior to your conference. Order form must be completed in its entirety (including equipment description) and accompanied by a check or credit card number to become final.

Return to: **Savannah Marriott Riverfront**
Convention Services Department –Attention: Danielle Wheeler
100 General McIntosh Boulevard
Savannah, GA 31401
DIRECT: 912/373-2008 FAX: 912/233-8897 EMAIL:

NOTE: We cannot guarantee service on late requests. There will be (without exception), a \$50.00 service charge on all late requests, in addition to normal charges. Day of show requests will be charged at an additional \$100.00 for service. Also, a minimum \$25 service fee will be applied to any equipment requiring on-site wiring.

Outlet Item	Number Needed	Regular Price	Cost
110 Volt Each/10 Amp Standard Outlet – (2) Plug-Ins		\$25 per day	
220 Volt Each/20 Amp Standard Outlet – (1) Plug-In		\$150 per day	
Power Strips		\$15 each per day	
Extension Cords		\$10 each per day	
High Speed Internet Access (Choose Wired or Wireless)		\$250 per line, per day	
42" Monitor		\$250 per day	
60" Monitor		\$450 per day	
		Grand Total	
Equipment Description:		____ Volt ____ Amps	

Special Notice:

- Package Handling Fees Apply. Please contact your Convention Services Manager for a full list of charges.
- All packages to mailed to the address listed above – **ATTN: YOUR NAME/GROUP NAME AND ARRIVAL DATE**
- Any power requirements other than those specified on this sheet, must be discussed with your Convention Services Manager
- All electrical equipment must have Underwriter's Laboratory seal
- The hotel is not responsible for damage to equipment due to variations in voltage caused by public service
- The hotel will not hook up improperly wired equipment

Convention Name: SERMACS

On-Site Contact:

Company Name:

Email:

Address:

Booth # (If Available):

City/State/Zip:

Phone No:

Credit Card Number:

Expiration:

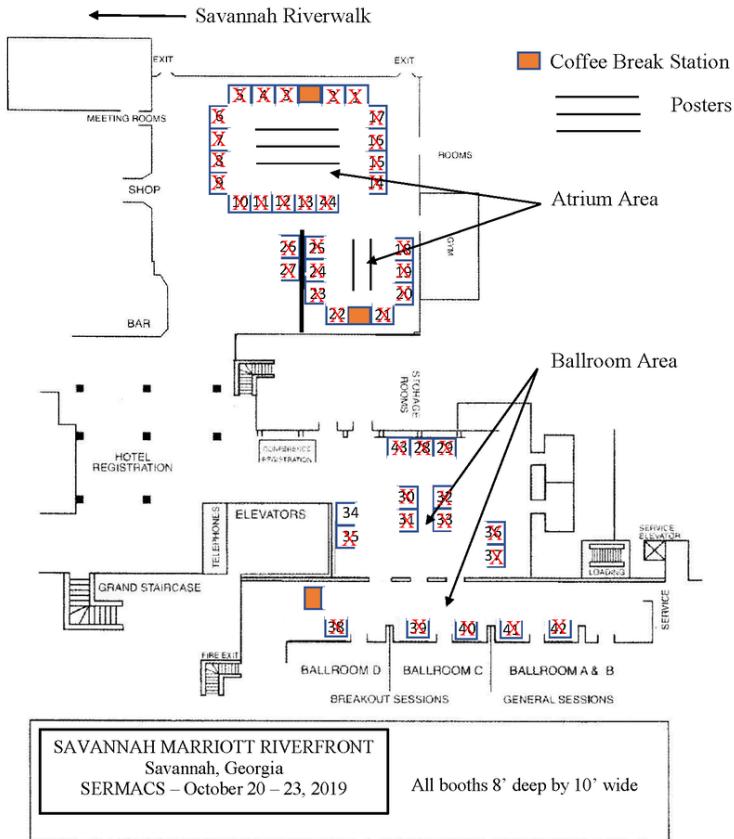
Signature: _____

Date: _____

Appendix L **SERMACS 2019 – Graduate School Fair**

Wake Forest University - Chemistry Department
Mississippi State University - Department of Chemistry
The University of Akron
University of Alabama - Department of Chemistry and Biochemistry
Florida State University - Department of Chemistry and Biochemistry
University of South Carolina (Columbia)
University of North Carolina (Charlotte) - Department of Chemistry
University of Alabama at Birmingham - Department of Chemistry
University of Tennessee
Texas A&M University - Department of Chemistry
Western Carolina University - Department of Chemistry and Physics
Clemson University - Chemistry Department
NC State University
Augusta University - Department of Chemistry and Physics
Vanderbilt University - Department of Chemistry
University of Pennsylvania
University of Central Florida - Department of Chemistry
Emory University
University of Delaware - Department of Chemistry and Biochemistry
University of Georgia - College of Pharmacy
Auburn University -
University of North Carolina (Greensboro) - Department of Chemistry and Biochemistry
University of Georgia - Department of Chemistry
University of Kentucky
The George Washington University - Department of Chemistry
Joint School of Nanoscience and Nanoengineering
Tennessee Technological University - Department of Chemistry
University of Miami - Department of Chemistry
West Virginia University - Department of Chemistry
University of North Carolina (Wilmington) - Department of Chemistry and Biochemistry
Eastern Kentucky University - Department of Chemistry
University of Alabama Huntsville
University of Oregon - Knight Campus Internship Program
Scripps Research
Georgia Institute of Technology - School of Chemistry and Biochemistry
University of Alabama - Department of Chemical and Biological Engineering
University of Kentucky - Pharmaceutical Science Program
Kennesaw State University
Florida International University - Department of Chemistry and Biochemistry
Rice University
University of Texas - Dallas

Appendix M
SERAMCS 2019 – Graduate School Map with Booth Allotment



Appendix N

SERMACS 2019 – NCW Public Outreach – Event Planning and Execution

SERMACS in Savannah coincided with the start of National Chemistry Week, providing an opportunity to bring a positive science experience to the public eye.

The planning committee opted for a Sunday afternoon event on River Street, near the meeting site, to allow all present to partake of the event.

Site permit

Permission for the use of Morrell Park for the event was obtained in July 2019, with the official Letter of Permit granted on August 22, 2019, from the City of Savannah's Office of Special Events, Film And Tourism; the Letter of Permit required \$100 as the fee (for nonprofits), as well as a refundable Maintenance Deposit (which was returned in full at the event's end). The fee covered the three-hour use of the park, allowing time for set-up and clean-up to either side of the two-hour event. The ACS Office of the Treasurer provided the necessary Certificate of Insurance for the public outreach event; that certificate was free. The required Security for the two-hour event was provided by two officers from SCMPD; the cost was two hours of holiday pay for each.

Event Volunteers

This aspect was the most daunting. Even though the student leaders of the local YCC and SA-ACS volunteered during the planning phase, schedules changed and personnel were scarce as the event neared. Fortunately, that problem was resolved two-weeks' out with an email from Will Lynch and another from Jim LoBue, as well as volunteers from the nearby SERMACS site. Demonstration tables were supplied by Will Lynch and Todd Hizer. My brother, Harvey Smith, transported me with the fourteen waterproofed containers of event materials to the site on the event day. (Waterproofing was needed as Savannah had a full day of rain just prior to the event.)

Event Activities

After measurements at Morrell Park, I determined a design utilizing six stations, with participants walking from one to the other, with souvenirs to be collected. Four demonstrations were eventually selected for the event with the help of Patti Galvin and David Horwitz, both Program Managers of the ACS Office of Science Outreach. All materials for the science demonstrations were supplied by them. Three of the four demonstrations (copper etching, UV-bead wristband, and self-inflating balloon) allowed participants to make their own take-away items - which promoted much enthusiasm. The take-away at the fourth demonstration was an issue of "Saving Savannah's Water", an activity book provided by the City of Savannah's Public Works & Water Resources office. Each participant also received a collection bag and pencils with the NCW logo, Millie Mole stickers, and the "Marvelous Metals" issue of "Celebrating Chemistry", all supplied from ACS by the our NCW coordinator, Cathy MacGowan. For a final take-away, each participant received a pre-folded ChemCatcher riddle game (which proved very popular with the undergraduates at SERMACS that evening). I had printed the game from the ACS website, then made copies on two colors (blue and yellow) of paper. Patti Galvan trained the sixteen volunteers while the stations were assembled.

Event promotion

Free advertising of the event was obtained with the two local entertainment newspapers, DO Savannah and Connect Savannah. A flyer promoting the Public Outreach event was designed by myself and Chelsea Miller of YCC, with ACS logo added by David Horwitz. The flyer was then shared on social media sites and via email to interested parties for two weeks prior to the event. In addition, a banner for the NCW Public Outreach event was onsite at SERMACS.

Appendix O

SERMACS 2019 – Social Events

Social and Other Events

Sunday

- ❖ National Chemistry Week Public Outreach Event (**PM**)
- ❖ Graduate School Fair (4:30 – 7:30) (**PM**)
- ❖ Undergraduate Pizza Party (5:30 – 6:30) (**PM**)
- ❖ Vanderbilt University Social Gathering (7:30 – 8:30) (**PM**)

Monday

- ❖ Exposition (1:30 – 5:30) (**PM**)
- ❖ ACS Board of Directors Ice Cream Social (4:30 – 5:30) (**PM**)
- ❖ Plenary Lecture (5:30) (**PM**)
- ❖ WCC Just Cocktails (7:30) (**PM**)

Tuesday

- ❖ Senior Chemists Breakfast (7:30-8:30) (**AM**)
- ❖ Exposition (9:00 – 4:00) (**AM & PM**)
- ❖ YCC Social Event – Brewery Tour and Samples (7:00) (**PM**)

Wednesday

- ❖ SERMACS Award Luncheon (**Noon**)



@SERMACS2019

Appendix P
SERMACS 2019 – Meeting Financial Overview

<i>Income category</i>		<i>Total \$</i>
<i>Graduate School</i>		\$12,000
<i>Vendors/Exhibition</i>		\$32,025
<i>Meeting sponsorship</i>		\$10,750.00
<i>Undergraduate Program</i>		\$6,900
 <i>Symposium</i>		\$70,573
funds collected	61,700	
funds not distributed	8873	
 <i>Registration</i>		\$209,205
Reg. fees received prior	200,715	
Ticketed items revenue	5,405	
Fees collected on site	3085	
 <i>Loans</i>		
SERMACS committee	5,000	\$10,000
Cosatal GA	5,000	
 total:		351,453
<i>Expense category</i>		<i>total \$</i>
 Symposium		\$100,827.00
Symp. Speaker remiburse.	76,827.00	
CGa \$500 per sym contribution	24,000.00	
 NCW		\$648.49
security & give aways	648.49	

YCC - Service brewery rental, etc		\$2,941
Undergrad program Prizes, etc.		\$257.15
Loans payback Coastal SERMACS		\$10,000
Speakers etc Plenary High School		\$1,135.02
Pre SERMACS expenses food for monthly meetings signs, cards swag website license(2019-2020)		\$5,065.91
travel, registration, etc		\$845.00
SERMACS18 National - Orlando		
SERMACS - during meeting Tips Atrium Miscellaneous Hospitality		\$1,051.88
Post SERMACS expenses Postage Ink, office supplies Checks		\$562.49

Pipe & Drape		\$5,121.13
Blue chip	5121.13	
Audio/video		\$38,269.98
PSAV	\$38,269.88	
Marriot		\$59,256
pre meeting deposit	15,000	
final payment	44,256	
Miscellaneous		\$12,032.00
Mobile App	5000	
Cost Sharing Fee	\$6,732	
J.Sabol reg. remiburse.	\$300	
Total Expenses		\$238,013.05