In this issue:

Message from the Chair

Message from the Editor

Division Officers and Councilors

Free ACS Programs for Students and Postdocs

Division Promotional Video

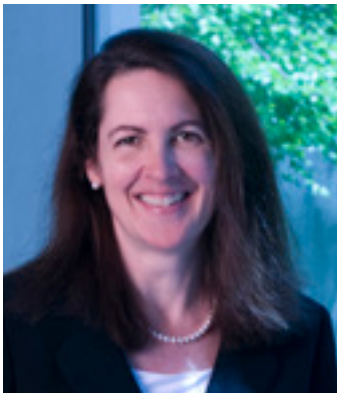
Conference Highlights

Upcoming Events

Organize a Symposium

Message from our Membership Secretary

Message from the Division Chair



Welcome! The Division of Colloid and Surface Chemistry is positioned for an excellent year through the dedicated work of our membership, elected officers, Councilors, appointees, and committee chairs. I offer a special vote of thanks to immediate past chair Lorena Tribe, whose dedication and leadership have been an inspiration, and whose warmth has attracted many of us to serve. Together, the membership and leadership team continue to grow COLL's programming at meetings, to recognize the best among us with prestigious awards, and to develop new bridges to connect practitioners of chemistry. Special thanks also to Shelley Claridge, our webmaster, who oversaw the production of our beautiful new website https://www.colloidssurfaces.org/.

COLL organizes scientific symposia every year at the two ACS national meetings and provides oversight for the summer Colloid and Surface Science Symposia. Programming for the Spring meeting in Philadelphia, overseen by Program Chair Ramanathan Nagarajan (Nagu), has several aspects that deserve special note. COLL programming will include 930 presentations, the largest ever in the COLL program. Furthermore, there will be four COLL Award Lectures, with a clean-sweep by four outstanding women awardees, including Molly Stevens, Teri Odom, Kerry Karukstis, Laura Na-Liu, another first for our division. This meeting also features, for the first time, a significant symposium of entirely PUI faculty with 28 presentations honoring the ACS award winner for research in an undergrad institution. The Call for Abstracts for the Fall meeting in San Francisco is open now. Find out more about the programs and the ease of organizing your own symposium on our website, https://www.colloidssurfaces.org/conferences/ and on pages 5 and 7. The 94th Colloid and Surface Science Symposium will be held at Rice University, June 7-10, 2020. More details can be found on the division's website at http://colloids2020.blogs.rice.edu/, and also on page 6 of this newsletter.

Help us to recognize outstanding accomplishments of our COLL colleagues! We encourage you to bring candidates to our attention. Recipients of the Langmuir Lecture Awards who presented at the Fall 2019 national meeting are featured in this edition, along with Nano Letters Lecture and ACS Applied Material and Interfaces Lectures awardees. Check the COLL website for links and upcoming deadlines for the ACS Award in Colloid Chemistry, the ACS Award in Surface Chemistry, and others.

We encourage you to get engaged! At each ACS National meeting, COLL members are welcome to attend the open meeting in conjunction with the poster session on Sunday, and the networking luncheon prior to the Awards Symposium on Tuesday. The poster session and COLL contributions to the Sci Mix are wonderful opportunities to network with colleagues and to connect with the leadership, who look forward to seeing you there. Times and locations are in the National Meeting program.

As scientists and scholars, all of us, students, academics, and industrial practitioners alike have unique opportunities to make positive impact on the world. Thank you for being a part of the COLL community and working to improve people's lives through the transforming power of chemistry.

With best wishes,
Kathleen Stebe
Chair

Message from the Editor

Greetings readers - I am delighted to be serving as your Editor of *The Colloid and Surface Chemist*. Do you have something to share in the newsletter or content you'd like to see added? Please send your comments, pictures, and announcements to me, Lauren Zarzar (ldz4@psu.edu). I look forward to hearing from you. *-Lauren*

Division Officers and Councilors

Elected Officers

Chair:	Kathleen Stebe (kstebe@seas.upenn.edu)
Chair Elect:	Matthew Lynch (lynch.ml@pg.com)
Vice Chair:	James Batteas (batteas@chem.tamu.edu)
Past Chair:	Lorena Tribe (lut1@psu.edu)
Program Chair:	Ramanathan Nagarajan (ramanathan.nagarajan.civ@mail.mil)
Secretary:	Marc Ilies (mailies@temple.edu)
Treasurer:	Marina Ruths (marina_ruths@uml.edu)
Membership Secretary:	Rosa Espinosa-Marzal (rosae@illinois.edu)
Member-at-Large:	Nancy Falk (Nancy.Falk@clorox.com)
Member-at-Large:	Rosalynn Quinones-Fernandez (quinonesr@marshall.edu)
Member-at-Large:	Shelley Claridge (claridge@purdue.edu)
Councilors:	Nicholas Abbott (nabbott@cornell.edu)
	Jennifer Hollingsworth (jenn@lanl.gov)
	Maria Santore (santore@mail.pse.umass.edu)
Alternate Councilors:	Jill Millstone (jem210@pitt.edu)
	Steven Tait (tait@indiana.edu)
	Andrew Teplyakov (andrewt@udel.edu)

Appointed Officers

Chair, Awards Committee:	Nicholas Abbott (nabbott@cornell.edu)
Unilever Award Committee Chair:	Ponisseril Somasundaran (ps24@columbia.edu)
LaMer Award Committee Chair:	Matthew Helgeson (helgeson@ucsb.edu)
Applied Materials & Interfaces Award Chair:	Matthew Lynch (lynch.ml@pg.com)
ACS Fellows Nominations Chair	Nicholas Abbott (nabbott@cornell.edu)
	Maria Santore (santore@mail.pse.umass.edu)
Newsletter Editor:	Lauren Zarzar (ldz4@psu.edu)
Regional Meetings Coordinator:	Rosalynn Quinones-Fernandez (quinonesr@marshall.edu)
Summer Symposium Chair:	Jim Schneider (schneider@cmu.edu)
Webmaster:	Shelley Claridge (claridge@purdue.edu)
Student-Industry Symposium Chair:	Nancy Falk (Nancy.Falk@clorox.com)
PUI Networking Symposium Chair:	Eric Borguet (eborguet@temple.edu)

Free ACS Programs for Graduate Students and Postdocs

For information on opportunities for students and postdocs, including the ACS Preparing for Life After Graduate School Workshop www.acs.org/gradworkshop, please contact GradEd@acs.org or visit www.acs.org/grad

COLL Division Promotional Video and New Website

The COLL Division promotional video is available. Please watch and share the video with your colleagues. Be on the lookout for a new video to come in 2020! Watch now.

A new COLL Division webpage is now live! The new site will make it easier to access information you need about upcoming meetings, awards, and contacts for COLL division activities.
https://www.colloidssurfaces.org/

Highlights from the 258th National Meeting in San Diego, CA

COLL Open Meeting and Poster Session

The poster session was held August 25, 2019 and brought great discussions, enthusiasm, and high levels of participation from industrial participants, students and faculty alike. COLL leaders and members visited student posters to learn about their contributions and recognized the outstanding posters with a prize. The winners are pictured at left with Lorena Tribe. Left to right: Asha Liza James (IIT Gandhinagar), David Renard (Rice), Tavis Johnson (Iona College), Lorena Tribe, Victoria Albright (Texas A&M), Marnie Skinner (Iona College), Regan Warmoth (Iona College)

COLL Luncheon & Awards

Members of the COLL Division gathered together for their luncheon on August 27 in the San Diego Convention Center. This biannual event is always greatly anticipated and serves as an excellent opportunity to network and to recognize outstanding scientists in the community.

Lorena Tribe with Dr. Katsuhiko Ariga, receipient of the Langmuir Lectureship award

Lorena Tribe with recipients of the undergraduate poster award competition who received recognition at the luncheon

Lorena Tribe with Ayusman Sen, recipient of the Lannguir Lectureship award, and Anna Balazs

COLL Award Lectures

The COLL division is active in selecting recipients for major awards that are sponsored by the journals Langmuir (2 awards), Nano Letters, and ACS Applied Materials and Interfaces. In each case, the recipient is selected by a committee that includes representatives from the COLL Division and the respective journal. These awards were presented at the 2019 ACS National Meeting in San Diego, CA.

Langmuir Lectures

Katsuhiko Ariga

Langmuir and the ACS Division of Colloid & Surface Chemistry were proud to honor Katsuhiko Ariga (National Institute for Materials Science in Tsukuba, Japan) in the Langmuir Lectureship award series. Prof. Ariga delivered a seminar titled, "Langmuir science teaches everything: Molecular machine operation, nanocarbon synthesis, and life regulation at liquid interfaces." Professor Ariga is being recognized for his pioneering work in the self-assembly of functional nanostructures by exploiting the unique opportunities provided by interfaces, including fluid-fluid interfaces, molecule-molecule interfaces, and interfaces of self-assembled structures in bulk. More details.

Ayusman Sen

Langmuir and the ACS Division of Colloid & Surface Chemistry were proud to honor Ayusman Sen (Penn State University) in the Langmuir Lectureship award series. Prof. Sen delivered a seminar titled, "Fantastic voyage: Designing self-powered nano/microbots." The selection committee recognizes Professor Sen for his pioneering research in colloids and materials that harvest and convert catalytic chemical energy into mechanical energy, and for harnessing these phenomena to engineer intelligent functional materials from catalytically driven micropumps to active, motile colloids that sense, carry cargo, and self-organize via emergent interactions. More details.

ACS Applied Materials and Interfaces Lecture

Jessica Schiffman

Prof. Schiffman of UMass Amherst was named the ACS Applied Materials and Interfaces Lecturer, and delivered a seminar on "Interfacing polymer materials with microbiology". Her research explores "green" materials science and engineering to address the grand challenges that humanity faces in human health. By engineering "slippery" polymer materials to resist microbial contamination, she is working to decrease the occurrence of hospital-acquired infections and improve people's access to clean water. More details.

COLL Member named one of C&EN's "Talented 12"

COLL Division member Lauren Zarzar was selected as one of C&EN's Talented 12 class of 2019. Zarzar is an assistant professor in the Department of Chemistry at Penn State University. This is C&EN's fifth year of highlighting path-paving young scientists tackling the world's toughest problems with clever chemistry. Read more about the Talented 12 here as well as nominate a colleague for the class of 2020.

Upcoming Events and Deadlines

ACS National Meeting & Exposition, March 22-26, 2020, Philadelphia, PA

ACS Meeting Theme: Macromolecular Chemistry: The Second Century. Look forward to seeing you there! Meeting homepage.

Presidential Recommendation: Industry-Academe Dialogue Event

March 24, 2020 from 9:00 AM - 11:30 AM, 119B - Pennsylvania Convention Center.

The Division continues to design programming to build bridges between the industrial and academic communities. To this end, the Division will sponsor the inaugural Industry-Academe Dialogue, focused on three topics: 1) Myths and Facts in Industrial R&D, 2) Industry Interests in R&D, and 3) What Drives a Successful Industrial Career? The Dialogue will be led by Gerard Baillely – VP Corporate Research and Development at Procter and Gamble, with a distinguished panel including Professor Eric Kaler – President of the University of Minnesota, David Weitz – Professor of Physics Harvard University, and William Olbright – Program Director at the National Science Foundation. The session will be moderated by Professor Kate Stebe (Division Chair) and Matt Lynch (Division Chair-Elect). Students, Faculty and Industrial Researchers are all encourage to attend, participate and contribute to the dialogue.

Colloid and Surface Chemistry PUI Student Award

COLL invited undergraduate students and advisors from PUI (Primarily Undergraduate Institution) to contribute to the standing symposia of the Colloid and Surface Chemistry division: Nanomaterials, Surface Chemistry, Basic Research in Colloids, Surfactants and Interfaces, and Biomaterials & Biointerfaces. Students were nominated and one student abstract was selected for an oral presentation in each of these four symposia at Philadelphia. The award recipients will receive a student registration fee for the national meeting and travel support for the student ($200). Together with the runners up and honorable mention recipients they will be recognized at the COLL division luncheon where they will receive an award certificate for student and advisor. Congratulate these successful undergraduates and look for announcements on our website for the Colloid and Surface Chemistry PUI Student Award to be held in San Francisco in Fall 2020! ~ Eric Borguet and Lorena Tribe, COLL PUI Student Award Organizers

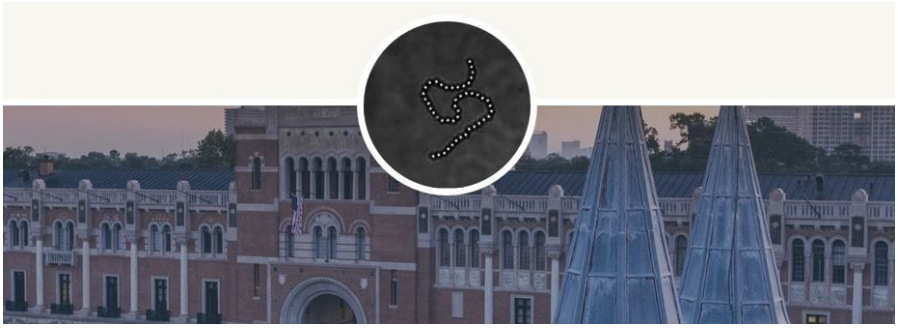
ACS National Meeting & Exposition, August 16 - 20, 2020, San Francisco, CA

Deadline for online submission of abstracts is April 6, 2020. ACS Meeting Theme: Moving Chemistry from Bench to Market. Go to http://abstracts.acs.org then select the Fall 2020 meeting, and follow instructions to submit your abstract to the selected COLL Division symposium. Symposia that are open for contributions include:

- Applications of Colloids in Biology/Medicine
- Basic Research in Colloids, Surfactants, and Interfaces
- Bottom-up Development of Formulation for Delivery of Nucleic Acids and Proteins
- Colloid and Surface Chemistry in Industry: Applications and Career Opportunities
- Frontiers and Challenges in nanoparticle-Mediated Chemical Transformations
- Hydrodynamics and Thermodynamics at Interfaces
- Surface, Interface, and Coating Materials
- The Wide World of Adhesion. Symposium in honor of Kash Mittal at 75
- Nanomaterials
- Surface Chemistry
- Biomaterials/ Biointerfaces

Sci-Mix. Authors submitting abstracts online, whether for oral or poster presentation, will be asked to indicate during abstract submission, their interest in participating in Sci-Mix. Sci-Mix is a poster session involving all Divisions of ACS, with the Divisions selecting what presentations to include in the Sci-Mix. Sci-Mix is traditionally held on Monday evening at 8:00 PM. The number of posters at Sci-Mix to be selected by a Division is limited to 10% of the total number of papers presented in that Division. Therefore, selection to present Sci-Mix posters is a special recognition conferred by the Division to the authors. Sci-Mix poster presentations are duplicates of the presentations made at the oral or poster sessions of the Division. Please note that this is the only kind of duplicate presentation allowed by ACS.

Colloid & Surface Science Symposium



The 94th American Chemical Society (ACS) Colloid & Surface Science Symposium continues the long-standing tradition of bringing together interdisciplinary researchers from academia and industry across the globe. They convene to celebrate their common interest in particles and complex fluids, interfacial phenomena and chemistry, soft-matter science, and environmental science. We hope you can join us for this symposium from June 7 to 10, 2020, at Rice. Abstracts due March 15. For more information, please visit the website: http://colloids2020.blogs.rice.edu/

2020 Unilever Award for Outstanding Young Investigator in Colloid & Surface Science

Deadline: February 3, 2020. This annual award is to be presented at the 94thACS Colloid and Surface Science Symposium to be held in June 2020 at Rice. The award consists of $3,000 and a plaque. In addition, up to $2,000 will be provided towards travel expenses to the meeting at which the award will be presented. The winner is expected to deliver a lecture. See flyer with details.

Eligibility: Nominees who are within seven (7) years of receiving their Ph.D. will be eligible for the Award. The cut off date for eligibility this year will be July 1, 2013. Special consideration is given to the originality and creativity of the work and to its potential impact. The research must have been carried out in North America.

Nominations: Nomination may be made by a colleague or anyone familiar with the nominee's work. The nomination packet should be sent electronically by email, preferably in a single PDF file, containing the nomination letter, three letters of support from others in addition to the nomination letter, the nominee's curriculum vita with a complete list of publications, and reprints of up to five papers, which demonstrate the nominee's excellence in publication of his or her research work. The nomination letter should contain a carefully edited 25-word citation, which reflects the nominee's specific achievements. Previous years' nominations will be automatically renewed up to the cut off date for eligibility, but you are encouraged to submit relevant updated material. Please send material to: Professor P. Somasundaran, Earth & Environmental Engineering Department, Columbia University; ps24@columbia.edu; Telephone: 212-854-2926

2020 Langmuir Lectureship Nominations

Deadline: March 2, 2020. The Division of Colloid and Surface Chemistry of the American Chemical Society presents the Langmuir award annually at the Fall American Chemical Society National Meeting. Recipients will be honored with a plaque, $3,000 honorarium, and up to $1,500 in travel and accommodations to present at the conference. Nomination may be made by a colleague or anyone familiar with the nominee's work. The nomination package should include a single PDF containing a nomination letter, a supporting letter from another individual familiar with the nominee's work, an optional second letter of support, and the nominee's CV. For more information and to make a nomination, please visit: https://americanchemical.co1.qualtrics.com/jfe/form/SV_6tJepaeI2eKOw17

2020 ACS Fellows Nominations

Deadline: March 1, 2020. The Division of Colloid and Surface Chemistry is soliciting nominations for ACS Fellows. The Division can endorse up to six nominations. If you wish to nominate a candidate, please email the following information to Nicholas Abbott (nabbott@cornell.edu) as a single PDF document prior to March 1: 1) The name of the nominee, his/her current position, and membership status in the Division of Colloid and Surface Chemistry. 2) A one paragraph statement that documents the nominee's excellence and leadership in science (colloid and surface chemistry), the profession, education, and/or management. 3) A one paragraph statement that documents the nominee's volunteer service in the ACS community. Nomination documents must address both of these areas. 4) The names of the primary nominator and the two secondary nominators (all three are required to write letters).

The primary nominator must be a member of the Division of Colloid and Surface Chemistry. For additional information including selection criteria, please visit https://www.acs.org/content/acs/en/funding-and-awards/fellows.html

The 2020 North American Membrane Society (NAMS) Annual Meeting

The 2020 North American Membrane Society (NAMS) Annual Meeting will be held in Tempe, AZ on May 16-20, 2020. Details on technical sessions, abstract submission, and registration are available at https://membranes.org/nams-2020/

Do you know of an upcoming meeting of interest to share with our membership? Email details to Caterina Lamperti (caterina.lamperti@gmail.com). COLL will post aggregated updates on the website and send emails periodically with this information.

Volunteer to Organize a Symposium for COLL!

If you want to organize a symposium for the Spring meeting, a proposal must be sent by June 1st of the previous year. If you want to organize a symposium for the Fall meeting, proposal must be sent by November 1st of the previous year. Proposals are being accepted for the following ACS National Meetings now:

261st National Meeting & Exposition
Theme: Bonding through Chemistry
March 21 - 25, 2021
San Antonio, TX

263rd National Meeting & Exposition
Theme: Evolving Bimolecular Sciences
March 20 - 24, 2022
San Diego, CA

262nd National Meeting & Exposition
Theme: Resilience of Chemistry
August 22-26, 2021
Atlanta, GA

264th National Meeting & Exposition
Theme: Sustainability in a Changing World
August 21-25, 2022
Chicago, IL

If you want to organize a symposium, please e-mail a proposal to the COLL Program Chair who will act quickly to decide on the suitability of the symposium and the best meeting to schedule it. Contact: Dr. Ramanathan Nagarajan (NAGU); CCDC Soldier Center, General Greene Avenue, Natick MA 01760. Ph: 508-233-644, E-mail: Ramanathan.Nagarajan.Civ@mail.mil

Regional Meetings. In the past year the Division of Colloid and Surface Chemistry has provided financial support for COLL-related programming in several ACS Regional Meetings. Supported symposia include "Nanotechnology" in the Southwest Regional Meeting, "Chemistry of Nanomaterials" in the Northwest Regional Meeting, "Nanomaterials: Synthesis, Functionalization & Chemical Applications" and "Nanomaterials: Industrial and Medical Applications" in the Northeast Regional Meeting, "Materials and Interfacial Chemistry" in the Midwest Regional Meeting and COLL-relevant speaker support for the Mid-Atlantic Regional Meeting. The Division provides up to $500 per symposium, with a maximum of two symposia per regional meeting, for programming that is consistent with the scientific mission of the Division with the stipulation that COLL funding must be acknowledged in the meeting program. Interested organizers of relevant symposia at future regional meetings should contact the division's regional meetings liaison, currently Prof. Rosalynn Quinones-Fernandez (quinonesr@marshall.edu) to request COLL support. All requests should identify the regional meeting, with dates and location, along with the symposium or symposia titles, a list of topics to be included, names of speakers (if known) and a statement of how Division funds will be used. Look for COLL members interacting with undergraduate students at Regional Meeting poster sessions to strengthen bonds with the colloid and surface chemists of the future!

A Message from our Membership Secretary

Encourage your colleagues and coauthors to become members of the Division of Colloid and Surface Chemistry (COLL)! COLL is one of the most active Divisions in the American Chemical Society with approximately 2400 members throughout the world. Scientists like yourself join the Division to benefit professionally from the exchange of scientific information between its members. Attendance and presentations at the Division's conference symposia provide excellent opportunities for professional networking and for enhanced visibility of your research. Every year, nearly 2000 research presentations are made in the COLL Division at the two ACS National Meetings and the unique summer symposium of the COLL Division. As a Division member, you can also volunteer to organize a thematic technical symposium on a topic of your interest at the ACS National Meetings. To learn more about our activities, fellowships, and awards, visit our webpage at colloidssurfaces.org/

To join the Division, go to http://www.acs.org/content/acs/en.html . If you are not an ACS member, first join the ACS. If you are an ACS member, log in and then select "Membership & Networks", "Technical Divisions" and "Join a Division". On the application form, fill in the code 509 for the COLL division. The Division Membership Fees are: $15 (ACS member), $16 (ACS non-member, COLL affiliate), or $5 (ACS student member).

Sincerely,
Rosa Espinosa-Marzal
Membership Secretary of the ACS COLL Division

New ACS Innovation Hub LinkedIn Group

The ACS Technical Division leaders would to invite entrepreneurially-minded COLL members to the new Innovation Hub LinkedIn group, where those interested in entrepreneurship in the chemical industry can make important connections, get advice, and learn about the latest trends driving chemical industry innovation. The group has already gained more than 350 members since its launch in early July, and we're sharing valuable content and fostering collaborative conversation every day. With your help, the group will continue to grow and be a valuable incubator for entrepreneurship and innovation in the chemical space. https://www.linkedin.com/groups/12269166/