

THE CAPITAL CHEMIST

A Publication of the Chemical Society of Washington Section of the American Chemical Society

CSW Monthly Meeting – May 24, 2022, 6:00-7:00 p.m. ET – Featuring a Panel Discussion on Chemistry and the Law

Please join the Chemical Society of Washington (CSW) on May 24, 2022, 6:00 pm – 7:00 pm ET for a virtual meeting with a panel discussion, “Science and The Law: Chemistry, Engineering, and Intellectual Property.” During this one-hour panel discussion, co-sponsored by the CSW Education Committee, you will hear from three attorneys who have channeled their interest and degrees in science toward thriving careers in intellectual property law.

Panelists will discuss their paths from science to the law, the types of cases and challenges they address, and how they are able to apply their scientific knowledge toward solving complex legal questions. The session will include an interactive Q&A/discussion.

The panel discussion will be co-chaired by 2022 CSW President, LaKesha Perry, and Education Committee Co-Chair, Lee Nagao.

This is a Zoom meeting. There is no cost to attend, but you must register: <https://tinyurl.com/cswmay2022>

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Inside this issue:

- Register for the May CSW meeting
- Nominate a friend or colleague for CSW office
- Learn more about this summer's Project SEED projects
- Apply for a travel award
- Review the ACS Councilor talking points from this Spring
- Plan to attend and submit an abstract for SERMACS 2022

Panelists & Bios



John G. Smith, Partner
Faegre Drinker Biddle & Reath LLP



Catherine Morgan, Associate
Faegre Drinker Biddle & Reath LLP



Parker Brooks Hudson, Associate
Faegre Drinker Biddle & Reath LLP

John G. Smith, Partner, Faegre Drinker Biddle & Reath LLP

John's practice is wide-ranging, covering patent litigation, post-grant proceedings, negotiations, licensing, opinions, patent prosecution, and patent portfolio management. John helps his clients understand how their products should be designed to avoid infringing on other patent-owner rights, frequently defends against assertions of patent infringement, and works to achieve favorable licensing arrangements and settlements for clients. John's practice also includes a large number of Japan-based clients for whom he helps navigate U.S. intellectual property law.

John began his professional career as a student engineer with the 3M Company. He later became a patent

examiner at the U.S. Patent and Trademark Office and has worked as a patent agent and patent attorney. John has an academic background in electrical engineering, which he uses to oversee patent programs for electrical, computer, telecommunications, optics, and semiconductor clients based in the United States, Japan, and other regions.

Catherine Morgan, Associate, Faegre Drinker Biddle & Reath LLP

Catherine Morgan helps clients efficiently protect and leverage their intellectual property assets through patent prosecution. A chemistry major in college who also gained experience in research labs as an undergrad, Catherine leverages her technical background to understand client's products and inventions and devise compatible patent strategies. Catherine received her J.D. in 2021 from the Indiana University Maurer School of Law, where she served as Editor in Chief of the *IP Theory* law journal. She received her Bachelor's Degree in Chemistry from Indiana University, Bloomington. She is admitted to the Bar in Indiana and the U.S. Patent and Trademark Office.

Parker Brooks Hudson, Associate, Faegre Drinker Biddle & Reath LLP

Since joining Faegre Drinker in October 2021, Parker has supported a number of clients in the chemical and mechanical arts. Among other projects, he has drafted responses to Office Actions from the United States Patent and Trademark Office, assisted with a freedom to operate analysis, and participated in Examiner interviews. Parker recently passed the Patent Bar Exam. He graduated from Penn State Law in May 2021 and is a member of the Virginia State Bar. His undergraduate degree is in Chemical Engineering from Virginia Tech.

Call for Nominations for CSW Officers, Councilors, and Managers

The deadline to submit nominations is June 20, 2022.

Download nomination form: <https://tinyurl.com/csw2023noms>

The annual election of Officers, Councilors, and Managers of the Chemical Society of Washington will be held in October 2022 in accordance with the Bylaws and Standing Rules of the Section. All CSW Members are invited and encouraged to submit nominations for the open positions. Self-nomination is acceptable. Elected members have general charge of the business and affairs of the CSW. Managers and Alternate Councilors serve on the Board of Managers and are expected to serve on at least one of the CSW committees. Councilors also serve on the Board of Managers and along with serving on CSW Committees they are expected to serve on ACS Committees and attend the Councilors Meetings held during the ACS National Meetings.

Nominations should be submitted to the CSW Office no later than June 20, 2022. Nominations should be emailed (the building is still closed due to Covid restrictions) to csw@acs.org with the subject line of "CSW Nomination." All CSW members are eligible for nomination, and CSW welcomes all who are willing to participate, including those who have not previously held positions in CSW. Incumbents are eligible for nomination to the same position (if the term expires) or any other position as Officer, Councilor, or Manager. Please note that all candidates will be provided with a form to fill out to prepare the ballot for publication in the Capital Chemist, on the CSW website and in the materials to be sent out.

The following positions are open for election this year:

- 3 Councilors (serving three-year terms)
- 3 Alternate Councilors (serving three-year terms)
- Treasurer (serving a two-year term)
- President-Elect (one year as President-Elect, one year as President, one year as Past-President)

- 6 Managers (serving two-year terms)

Current Officers:

President: LaKesha N. Perry
 President-Elect: Alessandra Zimmermann
 Immediate Past President: Jennifer Tanir
 Secretary: Brian Rolczynski
 Treasurer: Reyniak A. Richards

Councilors:

Through 2024: Allison A. Aldridge; Stephanie Moffitt, Janice Reutt-Robey
Through 2023: Raychelle Burks; Wesley Farrell; Sara Orski
Through 2022: Darryl Boyd; LaKesha N. Perry; Nevart Tahmazian

Alternate Councilors:

Through 2024: Richard Goodman; Monika Konaklieva; Matthew A. Windsor
Through 2023: Novella N. Bridges; Judith Faye Robinson; Alexander Zestos
Through 2022: Jason Schaff

Managers:

Through 2023: Kristy Crews; Leila Duman; Brian Ericksen;
 Carissa Hunter; Xiaoyong Lu; Lee Nagao
Through 2022: Seth Cohen; Rodrigo Lazo-Portugal; Ashley Pennington;
 Lauren Ragle; Jacqueline Smith; Alessandra Zimmermann

Project SEED 2022

The CSW Project SEED Committee arduously analyzed student applications this April after the 2022 ACS Project Seed applications closed. The CSW Project SEED Committee has successfully paired four high school students with the three mentors participating in the 2022 Project SEED CSW cohort. In this cohort, exceptional students from the National Capital Region will participate in a CSW-sponsored paid summer research opportunity, gaining hands-on experience in a chemistry laboratory!

This year's projects are:

- Project name: Synthesis of Lanthanoid-based Molecular Quantum Bit Candidates
 - Areas of study: computational and quantum
 - Mentor/Laboratory: Prof. Claire Besson at The George Washington University
 - <https://chemistry.columbian.gwu.edu/claire-besson>
- Project name: Novel Pt-catalysts for Selective Deuteration of Pharmaceuticals Having Aromatic C-H Bonds
 - Areas of study: catalysis and pharmaceuticals
 - Mentors/Laboratory: Prof. Andrei Vedernikov & Mr. Morgan Kramer at the University of Maryland College Park
 - <https://chem.umd.edu/people/andrei-vedernikov>
 - <https://chem.umd.edu/people/morgan-kramer>
- Project name: (Metabolomic Analysis of the Impact of PFAS on Glial Cells,
 - Areas of study: biological and environmental
 - Mentor/Laboratory: Prof. Alexandra Taraboletti at the University of the District of Columbia
 - <https://www.udc.edu/cas/employees/alexandra-taraboletti/>

Continuing our mission of education, awareness, diversity, equity, inclusion, and accommodation, the CSW Project Seed Committee is organizing four professional development seminars to supplement the students'

learning as they diligently work through the 8-10 week summer research program. CSW Project SEED looks forward to the great research and learning that these mentor-mentee pairs will accomplish. Be on the lookout in September for updates on the great progress Project SEED students and mentors made this summer!

Learn more about the ACS Project SEED program:

<https://www.acs.org/content/acs/en/education/students/highschool/seed.html>

27th Biennial Conference on Chemical Education (BCCE) - CSW High School Teacher Travel Grant: Application Deadline EXTENDED: May 8, 2022

The Chemical Society of Washington is pleased to support travel expenses for the 27th BCCE Conference. Of the applicants, two high school teachers will be selected for the CSW High School Teacher Travel Grant each cycle.

The goal of this award is to encourage the professional development of local high school teachers and enhance their chemistry instruction. If selected, the awardee agrees to give a presentation or conduct a workshop at the ACS headquarters in Washington, DC during fall 2022 (exact date will be determined). The purpose of the presentation/workshop is to share the new knowledge gained at the conference with peers from other schools within the CSW area. The awardee, or the awardee's academic institution, is strongly encouraged to invite other science teachers to the aforementioned event.

CSW encourages high schools in the CSW region to nominate one high school teacher per school and send an application to CSW for consideration.

The BCCE Conference provides chemistry educators with opportunities for interacting with colleagues at all levels in both formal and informal settings. Instructors who are new to chemistry education and those who have years of teaching experience will find this conference to be an excellent source of materials, techniques, and chemistry content.

High school teachers interested in obtaining a travel grant to attend the 27th BCCE at Purdue University, IN, July 31-Aug. 4, 2022, need to complete an application **by May 8, 2022** and submit it to: csw@acs.org with the subject line "BCCE Teacher travel grant".

The teacher will be notified of the award status by May 24, 2022.

Application form: <https://tinyurl.com/bcce-app>

Travel Award Applications for ACS Fall 2022 National Meeting Due June 1st

Note: the ACS Fall 2022 National Meeting will be a hybrid event – in-person and virtual.

The Chemical Society of Washington is pleased to announce a student travel award to defray travel and/or registration costs to the Fall 2022 National ACS meeting in Chicago. Eligible expenses include meeting registration, travel expenses, airfare, and lodging. Applicants should submit the following by Midnight June 1, 2022 to CSW at csw@acs.org:



Applications are now being accepted:

CSW Student Travel Award

National ACS Meeting –
Chicago, Illinois, August 21-25, 2022

- A cover letter stating how and why attending this ACS meeting will promote his/her career;

- The applicant's CV;
- A letter of recommendation from the student's mentor explaining why the student deserves the award and how this will help his/her professional development;
- An accepted abstract with proof of acceptance.

View the details to submit an abstract on the ACS website.

Within three weeks of returning from the ACS meeting, the awardees should submit receipts for any or all of the eligible expenses described above, after which the Treasurer of the Chemical Society of Washington will issue a check to each of the awardees.

The award is open to students who are graduate and undergraduate students in the jurisdiction of the Chemical Society of Washington. The award is not intended for post-doctoral fellows. There will be a maximum of four awards. Each award will be for up to \$1,000 of eligible expenses based on the review of the above materials.

After returning from the conference, awardees will be asked to draft a short (1-page) summary of their experiences for posting to the Capital Chemist website and to present their posters, if applicable, at one of the upcoming CSW dinner meetings.

ACS Councilor Talking Points

The following summary is provided for ACS Local Sections and Divisions on key actions of the ACS Council meeting held virtually on March 23, and the Board of Directors meetings held March 18 and 19, 2022.

<https://capitalchemist.org/wp-content/uploads/2022/04/councilor-talking-points-spring-2022.pdf>

SERMACS 2022 Symposium October 19-22, 2022: Innovative Ways to Communicate the Value of Chemistry to the Public

The ACS Committee on Public Relations and Communications (CPRC) invites submissions to a Symposium on Innovative Ways to Communicate the Value of Chemistry to the Public at SERMACS 2022, October 19-22, in beautiful San Juan, Puerto Rico. CPRC is especially interested in submissions by undergraduate and graduate students, student chapters, and student-led outreach programs. The number of abstracts accepted will determine the exact program; ideally there will be a session of oral presentations plus a poster session. Student poster presenters will be eligible for awards of \$150 for the top three presentations, sponsored by CPRC and SERMACS.

For information about abstracts, or SERMACS, go to <https://sermacs2022.org/>, or email sermacs2022@gmail.com.

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AMERICAN CHEMICAL SOCIETY

**SERMACS
2022**

"Chemistry transcending
boundaries for a sustainable future"

WWW.SERMACS2022.ORG

FOR MORE INFORMATION CONTACT:
SERMACS2022@GMAIL.COM

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**October 19-22, 2022
San Juan, Puerto Rico**

LinkedIn Twitter Facebook Instagram
@SERMACS2022



NEW MEMBER PACKAGES FOR 2022

The **Premium Package** provides member access to all benefits included with the Standard Package, plus:

- Weekly Issues of *Chemical & Engineering News* (C&EN)
- ACS Publications and Author Benefits
- Discounts on ACS Meeting Registration
- CAS SciFinder® Benefit
- Special member pricing on select ACS Journals
- Access to the ACS Webinars® Library
- ACS Course and Workshop Discounts

The **Standard Package** includes many of the most popular ACS benefits:

- Weekly Issues of *Chemical & Engineering News* (C&EN)
- Quarterly ACS Discovery Reports
- Member-only awards, grants, and fellowships
- First-time members can join up to 3 Technical Divisions in their first year
- Affinity Benefits & ACS Insurance
- And more!

Go to www.acs.org/membership to learn more about the new ACS membership packages.

**The benefits listed above are meant to be representative of each package, but are not completely inclusive of all benefits*



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The **Chemical Society of Washington (CSW)** is the local ACS Chapter for the Washington, DC area and serves approximately 3,500 members.

2022 Officers

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LaKesha Perry

President-elect

Alessandra Zimmermann

Past President

Jennifer Tanir

Secretary

Brian Rolczynski

Treasurer

Reyniak A. Richards

CSW Calendar of Events

May 8: Deadline to apply for BCCE Travel Grant

May 16: Board of Managers Meeting

May 24: CSW Monthly Meeting

June 1: CSW Student Travel Award Deadline

June 20: Deadline to submit CSW election nominations

October 19-22: SERMACS Conference