

MARCH 8, 2023

AIChE Environmental Division Newsletter



WINTER/SPRING 2023

Dear Colleagues,

I am honored to serve the new Division Chair, and I am grateful to our Past Chair, Prof. Alex Orlov, who simultaneously improved our finances and reduced our membership costs, quite an accomplishment! Our Division continues to be a premier venue that highlights the role of chemical engineers in improving our environment, and we will keep building on the strengths of excellent members and exceptional programming activities. I would like to thank our Treasurer, Larry Erickson, who is stepping down after many years of dedicated service. I would also like to thank Dr. Bill Linak for his contributions as a Division Director. As always, we are grateful to Secretary Prof. Bob Peters for his continued contributions as our Secretary. I would also like to welcome Dr. Gerardo Ruiz-Mercado as our new Treasurer, Prof. Shweta Singh as our new Programming co-Chair, and Prof. Kirti Yenkie as our 2nd Vice Chair. Prof. Yenkie did an exemplary job on our very well-attended 2022 webinar program, and I would also like to congratulate Prof. Yenkie on winning the Division's 2021 Early Career Award. In addition to our executive committee's important work, I would like to acknowledge our session chairs and co-chairs who play a critical role in the continuing success of our Division. I would also like to welcome our new Directors, Mr. David Russell and Prof. Michael Wong.

This year, we plan to build on last year's successes by continuing our webinar programming and to find new ways of serving you better. We will continue to work toward improved technical programming, and we greatly appreciate your input. A new emphasis for this year will be to endow the Cecil Award, AIChE's most prestigious environmental award in recognition of an individual's outstanding chemical engineering contribution and achievement in the preservation or improvement of the environment.

Please consider whether you would like to take a leadership role by joining our executive committee or our webinars, or by participating in the AIChE Annual Meetings. If you are interested in getting involved, please send an email to me or any members of our Executive Committee.

Keep an eye out for our upcoming webinars and keep in touch through our newly formed linked group: <http://linkedin.com/company/aiche-environmental-division/>. I am looking forward to working with you all this year to continue moving our Division in a positive direction.

Sincerely,
Kerry Kelly

AIChE Environmental Division Chair (2023)

Newsletter Highlights

Letter from the Chair:
Dr. Kerry Kelly

**2023 Division
Leadership**

Division Awards

**Spring Meeting
Programming**

**Recent Environmental
Division Webinars**

Announcements

ENVIRONMENTAL DIVISION AWARDS



2022 Lawrence K. Cecil Award in Environmental Chemical Engineering:
Dr. Yinlun Huang
Wayne State University



2022 Environmental Division Early Career Award:
Dr. Kirti Yenkie
Rowan University

2022 Graduate Student Paper Awards:

Haotian Yang (*1st Place*)

Francisco Leniz-Pizarro (*2nd Place*)

Kamaljeet Kaur (*3rd Place*)

2023 Awards Nominations Due June 1, 2023

Please see the [AICHE Environmental Division awards webpage](#) to nominate members for the following awards.

Lawrence K. Cecil Award in Environmental Chemical Engineering

Environmental Division Early Career Award

Dr. Peter B. Lederman Environmental Division Service Award

Environmental Division Graduate Student Paper Award

Environmental Division Undergraduate Student Paper Award

2023 LEADERSHIP

Chair: Dr. Kerry Kelly, PE, PhD

1st Vice-Chair: Dr. Matthew Alexander, PE

2nd Vice-Chair: Dr. Kirti Maheshkumar Yenkie, PhD

Past Chair: Dr. Alexander Orlov

Secretary: Dr. Robert Peters

Treasurer: Dr. Gerardo J. Ruiz-Mercado

Program Chair: Dr. Jason Trembly

Director: Dr. Marwa M.H. El-Sayed

Director: Dr. Yinlun Huang

Director: Dr. Coty Jen

Director: Mr. David Russell

Director: Dr. Shweta Singh

Director: Dr. Michael Wong

2023 SPRING MEETING PROGRAMMING

Please join us for the following sessions sponsored and co-sponsored by the Environmental Division at the Spring Meeting.

Carbon Management and Sustainability I & II
March 14, 8:00-11:45am

Environmental Issues and Controls in Select Industrial Sectors (*co-sponsored with Young Professionals Committee*)

March 14, 1:30-3:00pm

Managing to Deliver Corporate Sustainability Commitments (*co-sponsored with Young Professionals Committee and Management Division*)

March 14, 1:30-3:00pm

2022 ARCHIVED DIVISION WEBINARS

The following seminars were organized by the division in 2022 and are freely available to all Environmental Division members.

May 2022: [Green Collar Engineering Opportunities for Chemical Engineers](#)

June 2022: [Plastic Waste: A Process-Based Approach to Solutions](#)

July 2022: [Regulation of Plastic Waste and Pollution: Present and Future Policy for Chemical Engineers](#)

August 2022: [Analytical Tools to Better Manage PFAS in the Environment](#)

September 2022: [Current Challenges in Global Waste Plastic Management](#)

October 2022: [Potential Artifacts and Control Experiments in Toxicity Tests of Nanoplastic and Microplastic Particles](#)

November 2022: [Plastic Circular Economy via the Sustainable Management of Chemical Additives](#)

DIVISION ANNOUNCEMENTS

1) This year we have introduced the membership option to decouple the journal subscription from your membership dues. You can now choose the membership only option if you wish (\$20 instead of \$56).

2) Given a reduced membership fee, you also have an option to support our Division in a different way. We have launched the [Environmental Division Endowment Fund](#). It is the only environmental fundraising initiative at the AIChE. Any amount will be very appreciated and will make a tremendous difference in securing this award in perpetuity. (<https://www.aiche.org/giving/supporters/donors/env-div-endowment>)

3) Please follow the [AIChE Environmental Division](#) on LinkedIn.

4) Nominations for the 2023 Environmental Division awards are due June 1, 2023.

5) Environmental Division webinars are now eligible for professional development credits. More information coming soon.