

MEETING OF THE BOARD ON CHEMICAL SCIENCES AND TECHNOLOGY

Hybrid Meeting

**Thursday, November 7, 2024
OPEN SESSION
Beckman Center, Balboa Room
For Remote Connection:**

Zoom Information:

URL: <https://nasem.zoom.us/j/94575954159?pwd=jNMVEAfUTvramsAVQQmBMNMOXrFDIt.1>

Password: 900023
Meeting ID: 945 7595 4159
Phone: US: +16465189805

- 11:00 AM **Environmental Attorney’s Perspectives on the Recent Supreme Court Decision Overturning “Chevron Decision” and on Other Matters Relevant to the Chemical Sciences**
Corrie Plant, Partner, Bick Law LLP
- 12:00 PM ***Lunch***
- 01:00 PM **U.S. Department of Energy’s Approach to Complex-Wide PFAS Characterization, Treatment, and Source Disposal**
Robert Seifert, Director, Infrastructure Disposition and Regulatory Policy, U.S. Department of Energy
- 02:00 PM **Research Highlights from the Heyduk Lab**
Alan F. Heyduk, Professor and Chair, Department of Chemistry, University of California, Irvine
- 02:30 PM **Research Highlights from the Reisman Lab**
Sarah E. Reisman, Norman Davidson Leadership Chair, Bren Professor of Chemistry, Division of Chemistry and Chemical Engineering, California Institute of Technology
- 03:00 PM **Brief Break**

- 03:05 PM **Panel Discussion with the Board on Implications for Chemical Sciences' Academic Research Considering Recent Developments in Stipends' Increases and Current Prospects for Funding**
Led by Alan F. Heyduk and Sarah E. Reisman
- 03:45 PM **Brief Break**
Departure of invited guests and return to closed session discussion

Biographies of Guest Speakers

Alan F. Heyduk, Professor and Chair, Department of Chemistry, University of California, Irvine

Alan Heyduk is a professor and the current chair of the Department of Chemistry at UC Irvine. He is an inorganic chemistry with an interest in coordination chemistry, catalysis, and photochemistry, and in particular how redox-active ligands can be used in a broad range of multi-electron and proton-coupled electron-transfer reactions. Professor Heyduk is a member of the American Chemical Society and was a Sloan Foundation Fellow, a Camille Dreyfus Teacher-Scholar, and a Kavli Foundation Fellow. He earned a B.S. in chemistry from The Ohio State University, a PhD in inorganic Chemistry from MIT with Dan Nocera, and was an NIH postdoctoral fellow at Caltech with John Bercaw. He has been at UCI since 2003.

Corrie Plant, Partner, Bick Law LLP

Prior to joining Bick Law LLP, Corrie L. Plant practiced for ten years at the national law firm Pillsbury Winthrop Shaw Pittman LLP, in Pillsbury's Environmental & Natural Resources and Litigation groups. Corrie is an experienced environmental lawyer whose practice focuses on environmental litigation and compliance counseling, including CERCLA, RCRA, Clean Water Act, OSHA and California's Proposition 65. She routinely advises clients regarding compliance with various environmental laws related to the sale of consumer products, including Proposition 65, Green Chemistry, FIFRA, TSCA and the Consumer Product Safety Improvement Act. Corrie also has a broad range of experience defending clients in administrative, civil and criminal environmental enforcement actions. In addition, Corrie has extensive experience in the defense and settlement of complex, multiparty cases in both federal and state court, including trial and pre-trial motion practice, devising settlement and trial strategies, and preparing for and participating in mediations and arbitrations. Corrie's clients include a wide array of industries, such as retailers, consumer product manufacturers, dietary supplement manufacturers, restaurants, food manufacturers and distributors.

Sarah E. Reisman, Norman Davidson Leadership Chair, Bren Professor of Chemistry, Division of Chemistry and Chemical Engineering, California Institute of Technology

Professor Sarah Reisman joined the faculty at the California Institute of Technology in 2008. Reisman is currently the Bren Professor of Chemistry and the Norman Davidson Leadership Chair for the Division of Chemistry and Chemical Engineering. Research in the Reisman laboratory seeks to advance the science of chemical synthesis. Reisman is recognized as a leader in the area of natural product synthesis, where her group has contributed new strategy-driven approaches to biologically active molecules. Reisman is an editorial board member at *Organic Syntheses* and an associate editor for the *Journal of the American Chemical Society*. Reisman has been recognized with several awards for teaching and research, including an Alfred P. Sloan Research Fellowship, a Cottrell Scholar Award, the Arthur C. Cope Scholar Award, the Tetrahedron Young Investigator Award, the ACS Elias J. Corey Award, and the Mukaiyama Award. Reisman earned a BA in Chemistry from Connecticut College in New London, CT and her Ph.D. in chemistry from Yale University. Before joining California Institute of Technology, Reisman did her postdoctoral research at Harvard University.

Robert Seifert, Director of Infrastructure Disposition & Regulatory Policy (Acting), U.S. Department of Energy Office of Environmental Management

Mr. Rob Seifert serves as the Director of the Office of Infrastructure Disposition and Regulatory Policy for the US Dept of Energy. He has served in the DOE/Environmental Management program for nearly 32 years. Starting in 1993 at the Paducah Gaseous Diffusion Plant as a site chemist, Mr. Seifert held a number of technical and management positions as both a contractor (1993-2007) and DOE federal employee (2007-2014). Mr. Seifert joined the DOE EM Headquarter team in 2014 as the Director of the Office of Regulatory Compliance where he has advanced in a series of senior leadership positions to his current role. Additionally, Mr. Seifert serves as the Co-chair of the White House subcommittee focusing on PFAS cleanup and disposal where he leads a team of senior leaders throughout the federal government to help establish a broader understanding of the issues and devise strategies and policies. Mr. Seifert also serves as the Chief Sustainability Officer for his program within the Department of Energy leading the transition to a carbon free platform and some of the nation's largest clean energy projects. Mr. Seifert has a degree in Chemistry and Biology from Murray State University.